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PETER HENDERSON & CO.

Garden
& Greenhouse

GUIDE
1892.



HENDERSONS
CALIFORNIA GIANT
PETUNIAS
SEE PAGE 57

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

QUANTITY	ARTICLES.	PRICE.
	Amount brought forward.	
Total amount of order.		

Route shipped by _____, Date shipped _____ 1892.

In _____ Pkgs, _____ Bores; _____ Baskets; _____ Bbls; _____ Bags.

The following articles will be sent _____;

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PETER HENDERSON & CO.'S

Garden and Greenhouse Guide

FOR 1892.

TO THE RECIPIENT.

THIS is the first issue of a Catalogue prepared for those interested in garden work, who in applying for our catalogue of "**Everything for the Garden,**" have overlooked the fact that we charge for that publication, or who may have been under the impression that we perhaps distributed a smaller list free. This we have not done for several years, but we have felt the necessity for some time of publishing a catalogue which should be full and comprehensive, and at the same not so costly but what we could send it to applicants free. The result is this **Garden and Greenhouse Guide**. As our business has steadily increased, so our Catalogue of "**Everything for the Garden**" has likewise been enlarged, so that we have been compelled to charge 25 cents, its actual cost, to those not already customers. This 25 cents however, we allow on the first order, so that after all there is practically no charge. Doubtless this list will fall into the hands of many who are familiar with our catalogue, "**Everything for the Garden,**" and such will scarcely realize that this **Garden and Greenhouse Guide** is a reproduction on a smaller scale (reduced by Photo-engraving) of "**Everything for the Garden,**" alike in all respects except size, design of cover, different order sheet, and the absence of colored plates. Perhaps too, many will find this smaller Catalogue just as handy as the more pretentious one. Parties ordering from this who would like to have a copy of "**Everything for the Garden,**" have only to so state when ordering goods. In any case those ordering from this in 1892, will be sent the "**Everything for the Garden**" for 1893, without charge and without application.

PETER HENDERSON & CO.,

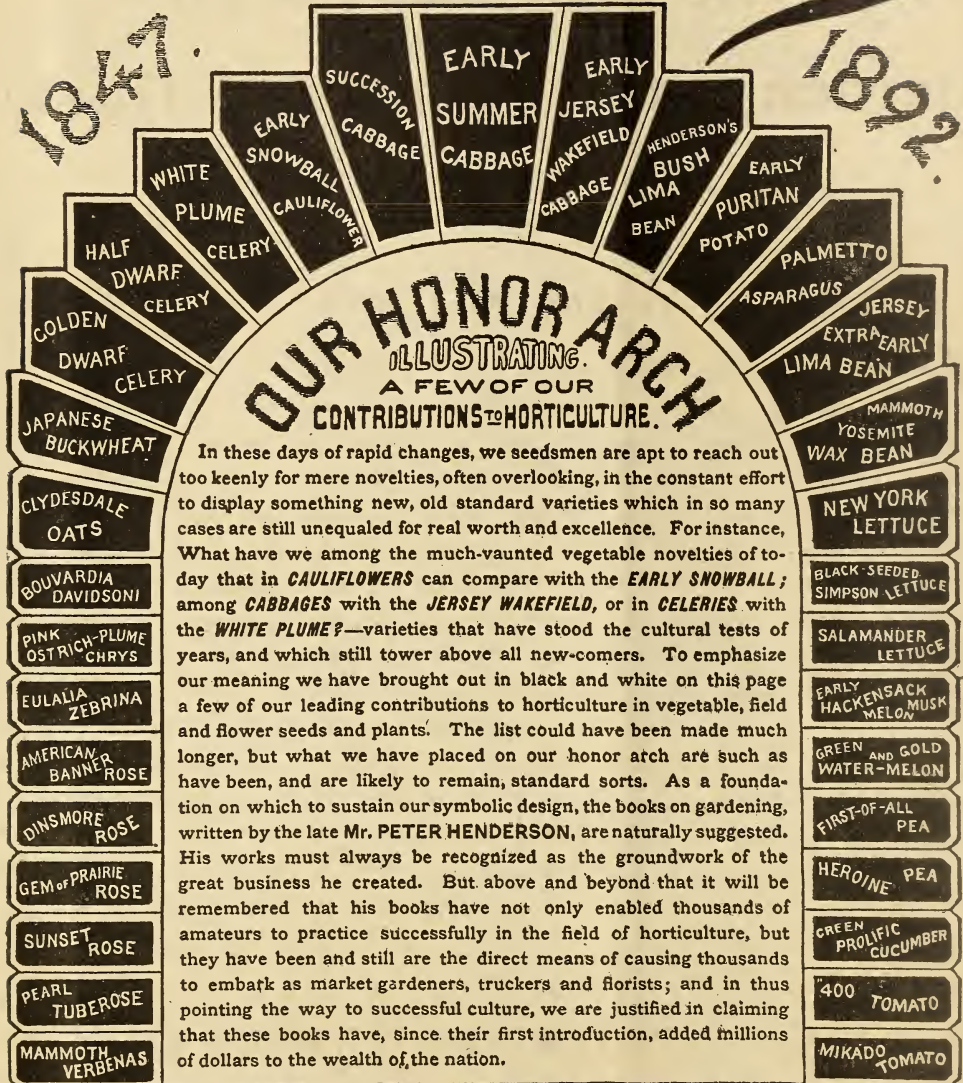
35 & 37 Cortlandt Street,

NEW YORK.

Peter Henderson & Co

1847

1892

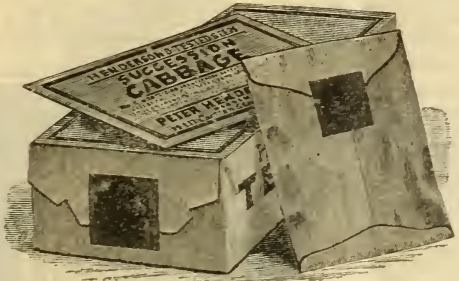


In these days of rapid changes, we seedsmen are apt to reach out too keenly for mere novelties, often overlooking, in the constant effort to display something new, old standard varieties which in so many cases are still unequalled for real worth and excellence. For instance, What have we among the much-vaunted vegetable novelties of today that in *CAULIFLOWERS* can compare with the *EARLY SNOWBALL*; among *CABBAGES* with the *JERSEY WAKEFIELD*, or in *CELERIES* with the *WHITE PLUME*?—varieties that have stood the cultural tests of years, and which still tower above all new-comers. To emphasize our meaning we have brought out in black and white on this page a few of our leading contributions to horticulture in vegetable, field and flower seeds and plants. The list could have been made much longer, but what we have placed on our honor arch are such as have been, and are likely to remain, standard sorts. As a foundation on which to sustain our symbolic design, the books on gardening, written by the late Mr. PETER HENDERSON, are naturally suggested. His works must always be recognized as the groundwork of the great business he created. But above and beyond that it will be remembered that his books have not only enabled thousands of amateurs to practice successfully in the field of horticulture, but they have been and still are the direct means of causing thousands to embark as market gardeners, truckers and florists; and in thus pointing the way to successful culture, we are justified in claiming that these books have, since their first introduction, added millions of dollars to the wealth of the nation.

- GARDEN AND FARM TOPICS
- GARDENING FOR PLEASURE
- HOW THE FARM PAYS
- GARDENING FOR PROFIT
- PRACTICAL FLORICULTURE
- NEW HANDBOOK OF PLANTS
- HENDERSON'S BULB CULTURE

STILL SOMEWHAT INTRODUCTORY.

In common with most of the trade, we have for years prefaced every annual issue of our catalogues with introductory remarks. To ourselves there is, perhaps, no portion quite so unsatisfactory as these opening pages, because having already stated the special advantages as seedsmen and florists we unquestionably possess, every repetition seems to be merely an annual effort to tell an old story in a new way. Were we less progressive and content to rest on the steady patronage of those who have followed our business banner for so many years, all this would be unnecessary, but as this season we expect to distribute 150,000 copies of this catalogue among people who have never before dealt with us, the reason why we keep ringing the changes on our peculiar advantages becomes quickly apparent. And so in addition to the potential reasons given on the preceding page we beg to call the special attention of those who have not before dealt with us to a few more reasons why we believe they will find it greatly to their advantage to place their orders with us.



SEEDS IN SEALED PACKAGES.

Nearly all of the better class of seed houses are now adopting our system of sending out seeds in sealed packages. We are pleased to see this, as it endorses and strengthens the position which we have maintained for years, that in no article of commerce is it so important that this safeguard be adopted as it is in the case of vegetable seeds, for the reason that the purchaser has to rely entirely on the name and reputation of the seedsmen from whom he buys.

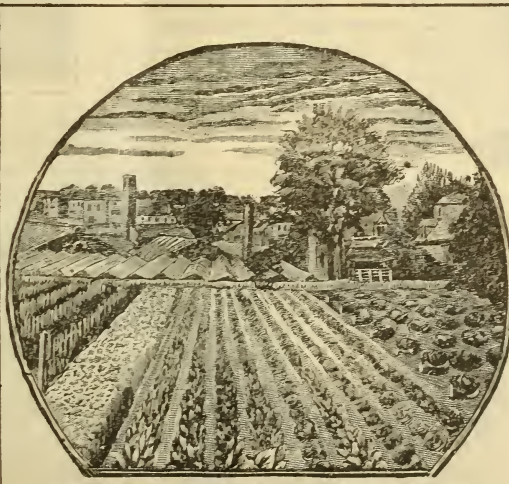
OUR RED
Trade Mark
LABEL.



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 toist 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.

SEED + TESTING.

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



PARTIAL VIEW OF OUR GREENHOUSES AND TRIAL GROUNDS IN JERSEY CITY.

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 our warrant seeds.

NEW AND DESIRABLE VARIETIES IN VEGETABLE SEEDS

SPECIAL NOTICE.—PLEASE READ.

The reputation of our house for high-quality seeds and plants has given to some the impression that we are also higher in prices. Such is not the case, and we respectfully ask all who have never before dealt with us to make a fair comparison of our prices with those of any other first-class seed house. It will then be quickly perceived that our claims to patronage are based not alone on superior quality but on low prices as well.

New Dwarf Brussels Sprouts, DALKEITH.

It is astonishing how much more extensively BRUSSELS SPROUTS are grown and used in recent years than in the past. Amateurs are beginning to find out that this delicious vegetable can be as easily grown as cabbage. The variety that we offer is a great improvement on the old tall-growing sort; it is much more dwarf and compact, and produces "sprouts" of larger size. Price, 15c. per pkt., 60c. per oz.

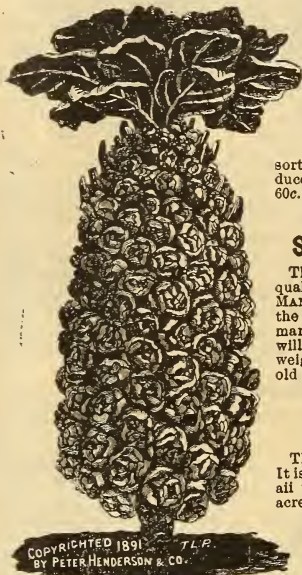
MAMMOTH BUSH SUMMER CROOKNECK SQUASH.

The crookneck class of squashes surpasses in quality any of the summer varieties, and in the MAMMOTH we have the delicious buttery flavor of the original sort, but of just double the size. For market gardeners, as well as private parties, it will be equally valuable, as you get twice the weight of crop from the same ground as with the old variety. 15c. per pkt., 2 for 25c., 10 for \$1.00.

NEW CUCUMBER, LIVINGSTON'S EVERGREEN.

This new variety is likely to prove of great value. It is very hardy and probably the most prolific of all varieties. A grower, who planted a large acreage last season, states that he never saw cucumbers lie thicker on the ground than his fields of the EVERGREEN did when the frost killed the vines; it really looked as if the whole surface of the ground was covered with cucumbers. In addition to being so wonderfully prolific, it is very early, and the cucumbers retain their beautiful green color longer than any other sort. It is one of the very best varieties for slicing, as it is very crisp and of good quality, and as it produces fruits of medium size it is likely to be of much value for pickling purposes.

Price, 10 cts. per pkt., 20 cts. per oz., 50 cts. per $\frac{1}{4}$ lb., \$1.75 per lb.



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NEW DWARF BRUSSELS SPROUTS. "DALKEITH."

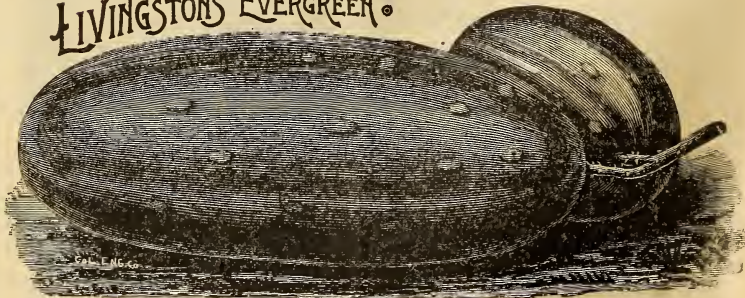
NEW EVERBEARING CUCUMBER.

The peculiar merit of this variety lies in the fact that the vines flower and produce fruit continuously throughout the season until killed by frost, thus differing from all other cucumbers. Vines of the Everbearing exhibit at the same time cucumbers in every stage of growth, but invariably of perfect form even when very small. The cucumbers are of a fine green color, and are very desirable for pickling purposes.

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



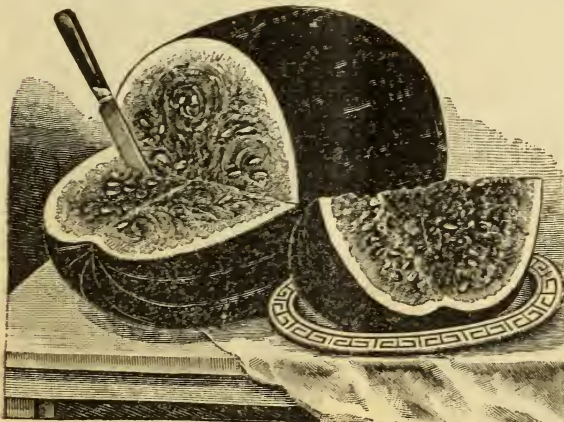
LIVINGSTON'S EVERGREEN.





New White Top Onion.

Two years ago we introduced the White Multiplier Onion, and it gave great satisfaction in many sections where a hardy, rapid-growing onion was desired. In the **NEW WHITE TOP ONION** we have a variety that produces onions of much larger size and finer quality. Our stock this season is extremely limited, so we can offer it only in small quantities. (See cut.) 60 cts. $\frac{1}{2}$ pint, \$1.00 per pint.



THE JONES WATERMELON.

RAPID FORCING RADISH.

This grand variety resembles the White Tipped Scarlet Turnip Radish, but is much earlier, coming to maturity in 22 days from the time of sowing and having very small tops, and will prove to be the Radish for forcing purposes. Being very handsome and of fine quality, it is equally desirable for the garden. Price, 10 cts. per pkt., 20 cts. per oz., 60 cts. per $\frac{1}{4}$ lb., \$2.00 per lb.

NEW RADISH, BRIGHTEST SCARLET.

Radishes are probably more largely used in France than in any other country, and the long varieties have always been more popular there than any others. "Brightest Scarlet" is a new French variety that all should try. It is entirely distinct, being a vivid scarlet color tipped with snow-white. The skin is very thin, and the flesh crisp and brittle and of a delightful pungent quality. The cut shows its shape, but a colored engraving is really necessary to give any idea of its striking appearance. A dish of them will enhance the beauty of any table. (See cut.) 15 cts. per pkt., 40 cts. per oz., \$1.00 per $\frac{1}{4}$ lb.



THE JONES WATERMELON.

We are indebted to Mr. Philip S. Jones, of Georgia, for this splendid melon. The color of the skin is solid green, and the flesh is a very bright red, particularly sweet, juicy and melting. It grows to a large size, frequently attaining the weight of eighty pounds. In shape it resembles Kolb's Gem, and like that variety is one of the best shipping sorts. A car-load of these melons which was sent to Atlanta this past summer attracted a great deal of attention, bringing forth a long article from the *Atlanta Constitution*, stating they were the finest melons ever seen in Atlanta; and when it is considered that Georgia is called the "home of the watermelon," the force of this statement will be apparent to all. (See cut.) 15 cts. per pkt., 8 pkts. for \$1.00.

Your seeds this year gave me, as they always have done, the utmost satisfaction. I took both 1st and 2d premiums on celery at our county fair this fall; the varieties were "White Plume" and "Golden Self-blanching."
W. A. DOBSON,
Nov. 13th, 1891.
Washington, Pa.



"Country Gentleman"

New Sweet Corn

BY
PETER HENDERSON & CO.

COPYRIGHTED 1891.

+ NEW +
Sweet + Corn,
"COUNTRY GENTLEMAN."

The *No Plus Ultra* Corn, which we have offered for the past two seasons, has given more satisfaction for private family use than any other sort. Its only weak point was its small size. To remedy this we have, by careful selection, obtained a variety which produces ears of good size and of the same delicious quality as the original, and we offer with confidence the "Country Gentleman" as the finest Sweet Corn for private use. The ears are of good size and produced in great abundance, our grower last year sending in a number of stalks bearing four good ears, while the average of the crop was three ears to a stalk. When we consider that ordinary Sweet Corn produces only one or two good ears to a stalk, the superiority of this variety will be quickly seen. The cob is very small, giving great depth to the kernels, which are of pearly whiteness. But the great merit of the "Country Gentleman" Corn is its delicious quality; it is, without doubt, the sweetest and most tender of all Sweet Corn, and at the same time with ears of good size.

Price, 35c. per pint, 60c. per quart.

+ NEW +

PERPETUAL LEEK.

A most distinct and valuable variety, which produces continuously a number of stalks or suckers from one plant the first season from seed. The stalks, of course, are not as heavy as those of the ordinary leek, but for this reason are more desirable for cutting up for use in soups or other ways in which leek is used. The flavor is identical with that of the other varieties of leek, and it is likely to prove entirely hardy. This variety can be propagated either by sowing seed or by division of the plants. After being divided up and transplanted, each of the suckers quickly produces a large clump.

Price, 15c. per pkt., 75c. per oz.



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BY PETER HENDERSON & CO.

NEW PERPETUAL LEEK.

NEW POTATO. " ROCHESTER ROSE."

Although introduced many years ago, the grand old Early Rose Potato is still the stand-by with most people. Of recent years, however, the Early Rose has not done well in some sections. The **Rochester Rose**, which we now offer, is a seedling of the above, and is an improvement in every respect. It will average larger in size, is equally early, and is a much heavier yielder. It possesses the same excellent cooking qualities as the parent variety. (See cut.) \$1.00 per peck, \$3.00 per bush., \$6.00 per bbl.

NEW POTATO. " RESTAURANT"

If you wish to raise a big crop of large, handsome potatoes, this is the sort to plant. It is of large size, is an enormous yielder, and Mr. J. L. Conover, of Monmouth County, N. J., who is probably the best authority on potatoes in the State, says that the **Restaurant** Potato, for a main crop variety, will undoubtedly displace the Jumbo, which has for years been the mainstay for Monmouth County farmers. Although of large size, the **Restaurant** is of excellent quality. (See cut.) \$1.00 per peck, \$2.00 per bush., \$6.00 per bbl.

NEW POTATO, " SNOWDROP"

This is pre-eminently a potato for private use, as it is not a large yielder, but of most beautiful appearance and splendid quality, always baking dry and floury. This variety is exceedingly finely bred, and produces very small tops. We do not recommend it for planting for market use, but where quality and not quantity is desired, we believe the **Snowdrop** to be unequalled. (See cut.) \$1.00 per peck, \$3.00 per bush., \$6.00 per bbl.

" LATE PURITAN" POTATO.

The Early Puritan Potato, which we introduced, has probably attained a wider distribution and greater popularity on both continents than any new variety since the Early Rose. In the **LATE Puritan** we have a potato which is identical with the Early Puritan in appearance, color and quality, but far more productive. 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:

"Three 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."
\$1.00 per peck,
\$3.00 per bush.,
\$6.00 per bbl. (See cut.)



COPYRIGHTED
By 1891
PETER HENDERSON
& Co.

SPECIAL OFFER. { 1 Peck of each of the above 4 New Potatoes for \$3.50
 { 1 Bushel " " " 4 " " " 10.00
 { 1 Barrel " " " 4 " " " 20.00



FOUR GRAND NEW PEAS FOR 1892.

HEROINE:

(See illustration above.)

This variety we introduced in this country last season, and the prediction that we made that it was by far the greatest acquisition that we have had in new peas in the past decade has been verified by thousands of people who gave it a trial last season. It is as far superior to all other peas as the "400" tomato is to all other tomatoes. It is a medium early, green wrinkled pea and grows very uniformly about two and one-half feet high, bearing a profusion of large, long, pointed pods, containing from eight to nine large peas of the finest quality. Price, 10c. per packet, 35c. per pint, 60c. per quart.

EVOLUTION.

(See illustration below.)

A main crop variety of fine flavor; pods and foliage rich dark green; very hardy and prolific. The pods are very large, scimeter-shaped and packed close with good-sized peas of delicious, melting quality. This variety can be depended on for a main crop of late sort, giving large pickings of peas after the others are all done. Price, 10c. per packet, 35c. per pint, 60c. per quart.

GLADIATOR.

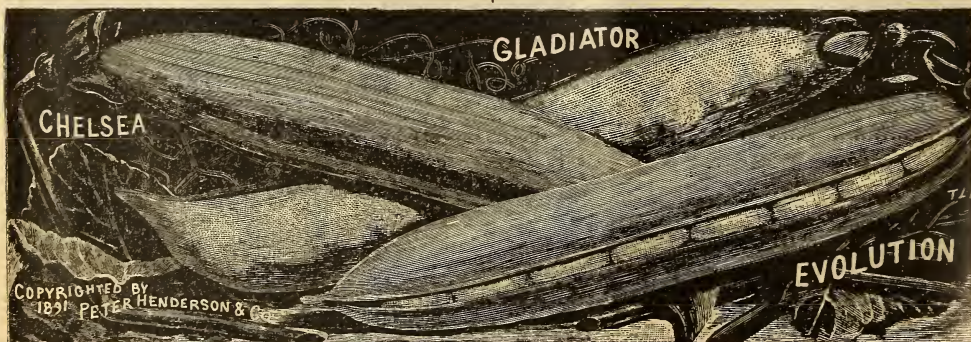
(See illustration below.)

The plant is very robust and vigorous, stem branched, growing about three feet in height, exceedingly productive, bearing in pairs an abundance of long, curved, handsome pods, which are very closely filled with medium-sized peas of excellent quality. A First Class Certificate was conferred on this variety by the Royal Horticultural Society of England, which is evidence enough of its great excellence. Price, 10c. per packet, 35c. per pint, 60c. per quart.

CHELSEA.

(See illustration below.)

This is the earliest of the four new peas offered on this page, and is a grand variety. It grows about one foot in height and is of compact, short-jointed habit, thus requiring no brushing or staking. The pods are remarkably handsome, being gracefully curved and much longer than any other early dwarf kind. They are well filled, each containing eight to ten good-sized peas of exquisite quality, which when cooked are rich, sugary and of marrow-like flavor. The peas are white wrinkled in the dry state. Price, 10c. per packet, 35c. per pint, 60c. per quart.



SPECIAL OFFER.	{	Packet of each of the Four New Peas.	-	-	-	-	-	-	30 cts.
		1 Pint " " " "	-	-	-	-	-	-	\$1.25
		1 Quart " " " "	-	-	-	-	-	-	2.00
			-	-	-	-	-	-	

The Great "No. 400" Tomato

no longer Nameless.

Read the Story
of the
Greatest
and best advertised
Vegetable Novelty
of the Century.



ON our first page we make the sweeping claim that we have been identified with either the originating or introduction of more new and valuable seeds and plants than any other house in the country, a statement that thousands interested in the development of horticulture would quickly corroborate. Yet we must admit that with, perhaps, the single exception of that wonderful novelty first introduced and named by us, the **BUSH LIMA BEAN**, we never offered anything that has, within so short a time, created the same great interest, or which possesses more real merit, than the phenomenal Tomato distributed by us last year under the **No. 400**. Undoubtedly our offer of **\$250** for the best name stimulated an interest in the variety; but overshadowing that feature was the fact, that we never for a moment lost sight of, that the variety itself was the grandest and most valuable Tomato the world has ever known. Hundreds who took no interest in the name contest, but who planted the variety on our statement of its merits, have told us that in offering it last year we had not sung its praises half as loudly as it deserved. To that charge we plead guilty, and will endeavor this season to make amends for our scant tribute to **No. 400** by detailing at greater length the manifold merits of **PONDEROSA**.

The **PONDEROSA** possesses every good quality to be found in a tomato. The vines are strong and vigorous and easily carry their enormous weight of fruit. Its massive or ponderous fruits are almost perfect in form, and so free from ridges or corrugations as to seem nearly as smooth as glass; and when we come to size, weight and solidity, no other Tomato begins to approach it. When we state that single Tomatoes weighing nearly **FOUR POUNDS** have been grown, and that specimens weighing two and three pounds each are of common occurrence, some idea may be formed of what this leviathan is like. The skin is exceedingly firm, which will cause it to be largely grown for shipping purposes. On the back cover of this catalogue we have tried to portray the color of the skin of **PONDEROSA**. Excellent as the work is, it does not do justice to the rich crimson of the original. The distinctive hue of the skin permeates the fruit in like intensity from circumference to centre, so that when sliced for the table its rare beauty never fails to elicit general admiration. Its

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

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

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



BWARE OF TOMATO SEED sold this year, either as "**Ponderosa**," the "**400**" or even as "**Henderson's 400**." Genuine seed can be obtained only in packets that are sealed with our red Trade-Mark Label. Reject any seed that does not bear our label, form of which is here shown.

Price, 20 cts. per packet, 6 packets for \$1.00, 12 packets for \$1.75, 25 packets for \$3.00.

Free by mail at prices named.

The Great "No. 400" Tomato

no longer Nameless.

Read the Story
of the
Greatest
and best advertised
Vegetable Novelty
of the Century.



Our Premium of \$250.00

we divided equally

between 5 Contestants
who suggested the
successful name.

Who the Judges
and successful
Contestants were.

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Price, 20 cts. per packet, 6 packets for \$1.00, 12 packets for \$1.75, 25 packets for \$3.00.

Free by mail at prices named.

NOW THEN FOR 1892 WE OFFER \$500.00

in cash premiums for the Heaviest and Best Formed Single Tomatoes grown from seed of the **PONDEROSA** purchased in 1892, either from us in our packets, sealed with our Red Trade-Mark Label, or bought elsewhere, provided, always, that the packets bear the name "**PONDEROSA**," and are sealed with our Red Trade-Mark Label. Those intending to compete for these premiums must so state at the time of ordering the seed, so that we can record it. If this is not done their specimens cannot be considered in the competition. In accordance with above conditions, and others stated below, we offer

\$500.00 to be distributed as follows:

For the Heaviest and Best Formed Single Tomato		\$150.00
" 2d	" " " " " "	100.00
" 3d	" " " " " "	75.00
" 4th	" " " " " "	50.00
" 5th	" " " " " "	35.00
" 6th	" " " " " "	30.00
" 7th	" " " " " "	25.00
" 8th	" " " " " "	20.00
" 9th	" " " " " "	10.00
" 10th	" " " " " "	5.00
Total		\$500.00

All specimens for competition must be delivered at our stores, 35 and 37 Cortlandt Street, New York, on or before Oct. 15th, 1892. Specimens from a distance should be carefully packed and sent by express, charges paid. The names of the winners and the weights of the specimens will be announced in our Catalogue for 1893.

In the above distribution it will be seen that every competitor has ten chances to secure a premium. We are determined that this contest shall be the largest of its kind ever attempted, and we shall aid in every way to make it so.

WHAT PATRONS SAY

OF THE
Ponderosa Tomato

Our space will only permit us printing a few of the testimonials we received as to the worth of this wonderful Tomato. Those here given were taken from hundreds, every one of which was unsolicited. We publish them verbatim, except that we substitute Ponderosa, wherever "No. 400" occurs. This alteration we make to familiarize the public with the variety's proper name.

The Ponderosa Tomato is unquestionably the finest, largest, most solid and most productive tomato grown, is a splendid shipper, and for canning purposes cannot be excelled. Skin thin, but so tough that it will keep longer in good condition than any other.

E. L. TOBIE,
Keillsburg, Ills.

Sept. '91.

I weighed the four largest of the Ponderosa Tomatoes; four tomatoes weighed 88 ounces, and one of them alone weighed 2 1/4 lbs. Am well repaid for my purchase and shall come again soon for more seeds.

H. D. HERSEY,
Lincoln, Mass.

Sept. 23, '91.

Your Ponderosa Tomato does not fail to arrest attention. The fruit is almost as firm as an apple, has little juice and few seeds. These slender plants, trained and standing erect, tree-like clothed in foliage of the darkest green and bearing such immense burdens of crimson fruit, is a sight rarely equaled.

SILAS L. SNYDER,
Taberg, Oneida Co., N. Y.

Sept. 23, '91.

The Ponderosa has spoiled us for eating any other tomato, on account of its fine quality.

D. W. MANNING,
Kansas City, Mo.

Sept. 21, '91.

I never saw any to equal your Ponderosa Tomato, either here or in California. We gathered basket after basket, all monsters.

Mrs. RICHARD L. PUGH,
Thibodamp, La.

Sept. 22, '91.

This morning I picked one of your Ponderosa Tomatoes and weighed it and it tipped the scales at 3 lbs. 5 ozs.

B. PICKEL,
Ansonia, Conn.

Sept. 22, '91.

Every one who tasted your Ponderosa Tomatoes pronounced them not only the largest but the best flavored.

THEODORE POTTS,
Paris, Ark.

Sept. 15, '91.

The grand Tomato, Ponderosa, excels anything of the kind I ever saw, and I have for more than 20 years bought seeds of the finest tomatoes I could get. It is all that could be desired.

Mrs. WM. DUESLER,
Maryville, Mo.

Sept. 14, '91.

In a bed of 21 plants I pulled off ripe tomatoes in three weeks enough to fill three bushels, lacking a very few.

MAGGIE I. CRIST,
Mooredale, Pa.

Sept. 10, '91.

Some specimens grown from seed of Ponderosa Tomato were recently awarded the first premium at the annual Tioga County Fair, held in Oswego, Sept. 8th, 9th and 10th, 1891.

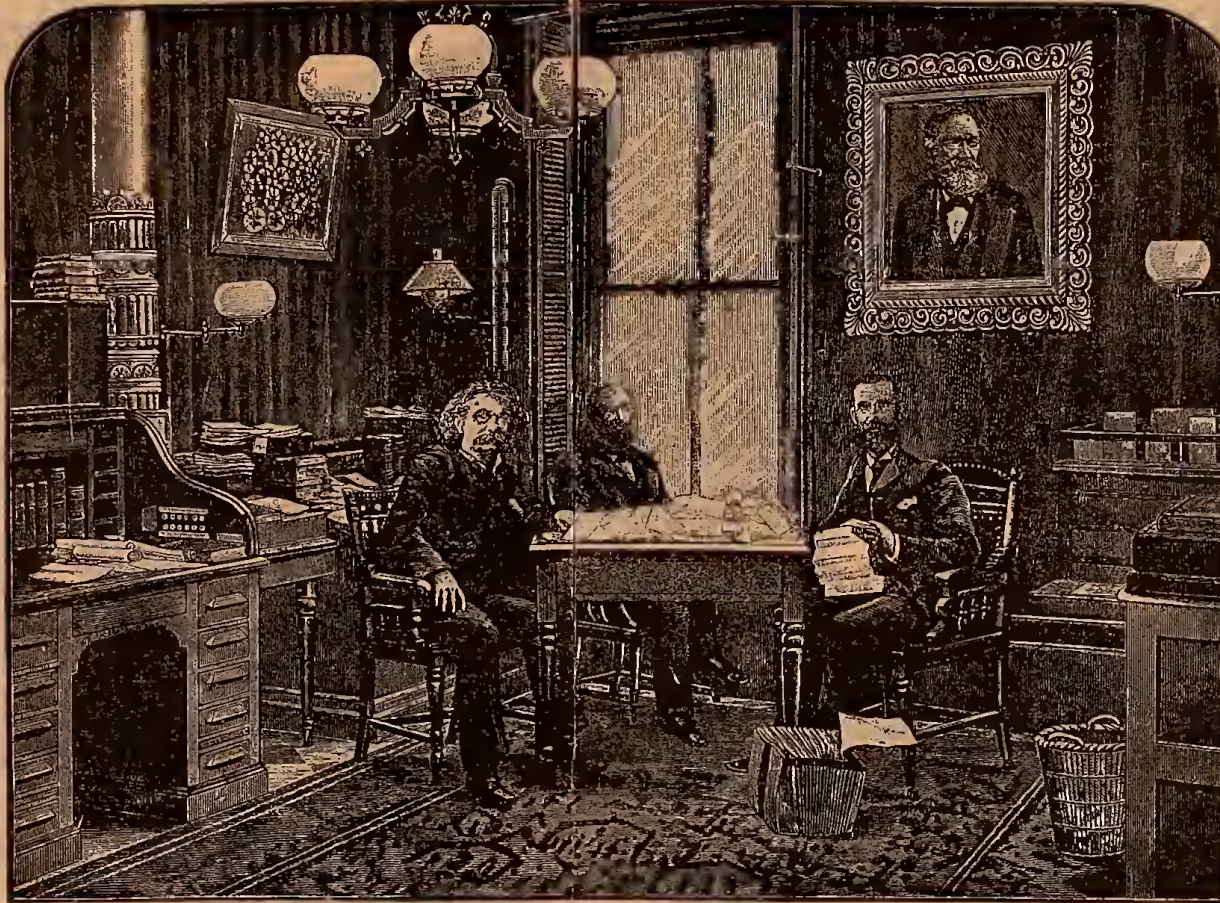
Miss JOSIE YATES,
Oswego, N. Y.

Sept. 10, '91.

I had one of your Ponderosa Tomatoes for dinner to-day. It weighed 3 lbs. 1 oz., was as solid, fine meat as I ever saw, very smooth, and flavor the best I have tasted.

THOS. MARSHALL,
Ripon, Wis

Sept. 10, '91.



MR. CARMAN.

DR. HEXAMER.

MR. FALCONER.

THE JURY IN THE TOMATO NAME CONTEST.

The illustration shows an interior view of our private office in New York, and seated therein Dr. Hexamer, Editor of *American Agriculturist*, Mr. E. S. Carman, Editor of *Rural New Yorker*, both of New York, and Mr. Wm. Falconer, Glen Cove, N. Y. These gentlemen constituted the jury whose verdict gave the name Ponderosa to the "No. 400" Tomato. Mr. John Thorpe, Chief of Floriculture in the Columbian Fair, was on the original committee, but was unfortunately ill in Chicago at the time the name contest was decided, and Mr. Falconer at our request kindly consented to serve. All three gentlemen are widely known in connection with horticultural affairs, and their unanimous choice of the successful name will, we think, meet with general approval. Certainly the five contestants who suggested the winning name think so. Our check for \$50 each has been sent to

W. L. AKERS, Braddock, Allegheny Co., Pa.
MRS. N. E. CAINES, Dade City, Pasco Co., Fla.
LAURA M. CRINSTED, 637 Ninth St., N.E., Washington, D.C.

DR. W. P. McDERMOTT, 222-San Jose Av., San Francisco, Cal.
GEO. SUMMEY, Chester, Chester Co., S. C.

NOW THEN FOR 1892 WE OFFER \$500.00

In cash premiums for the Heaviest and Best Formed Single Tomatoes grown from seed of the Ponderosa purchased in 1892, either from us in our packets, sealed with our Red Trade-Mark Label, or bought elsewhere, provided, always, that the packets bear the name "PONDEROSA," and are sealed with our Red Trade-Mark Label. Those intending to compete for these premiums must so state at the time of ordering the seed, so that we can record it. If this is not done their specimens cannot be considered in the competition. In accordance with above conditions, and those on other side of this sheet, we offer

\$500.00 to be distributed as follows:

For the Heaviest and Best Formed Single Tomato ..	\$150.00	For 6th Heaviest and Best Formed Single Tomato ..	\$30.00
" 2d " " " " " " " " " " " " " " " "	100.00	" 7th " " " " " " " " " " " " " " " "	25.00
" 3d " " " " " " " " " " " " " " " "	75.00	" 8th " " " " " " " " " " " " " " " "	20.00
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" 5th " " " " " " " " " " " " " " " "	35.00	" 10th " " " " " " " " " " " " " " " "	5.00
		Total.....	\$500.00

PRICE OF PONDEROSA TOMATO, 20 cts. per pkt.; 6 pkts. for \$1.00; 12 pkts. for \$1.75; 25 pkts. for \$3.00.

WHAT PATRONS SAY

OF THE
Ponderosa Tomato

(Continued.)

Ripe fruit Aug. 27th, 1891, just 100 days from the time the seed of the Ponderosa Tomato was sown—the most rapid growth I have ever known for a tomato, and I have been in the business for 50 years.

JOHN HODOKIN,
Falls Church, Va.

Sept. 4, '91.

As a fruit on the tea-table they are exquisite; they have no fibre, no coarseness, no rankness; the small seeds are so embedded in the delicate meat as to be called almost seedless.

MARY F. KELLOGG,
Oorham, Maine.

Sept. 8, '91.

Everything wanted in a tomato is found in Tomato Ponderosa.

LULA FOWLER,
Eureka, Kan.

We have given your Ponderosa Tomato a trial in our grounds, and find it a grand acquisition. It is a vigorous grower and an immense bearer of very large, fine tomatoes.

A. D. ALDERMAN,
Olatua, Kansas.

Sept. 8, '91.

The Tomatoes raised from the seed of Ponderosa took the 1st prize at the Loudoun Co. Fair, Va., and were pronounced the most beautiful ever seen.

Miss LAURA BOWIE,
Reading, Pa.

Oct. 1, '91.

I saw in our Provincial Exhibition a plate of Henderson's Ponderosa not to be compared to my second size Tomato from Ponderosa seed.

JANE MAJOR,
Montreal, Canada.

Sept. 29, '91.

I have cultivated tomatoes for 35 years, and have never seen the Ponderosa Tomato equaled.

H. K. ARNOLD,
Fairchild, Wis.

Aug. 31, '91.

Every word that you said about the Tomato in your advertisement has proved to be true.

Rev. I. K. RADER,
Akron, Ohio.

Aug. 31, '91.

I have given all your new tomatoes a good trial for the last seven years and found them as represented, but the one this year beats them all.

WALTER HOY, Gardener,
Burlington, Vermont.

Aug. 31, '91.

Those Ponderosa Tomato seeds you sent me last spring I planted, and the result is they are the finest in this section. I set out about forty plants and they all came out good.

HENRY W. OTTG,
Meriden, Conn.

Aug. 30, '91.

Your Ponderosa Tomato is more a very choice fruit than a vegetable, perfectly firm and solid, of a deep red color and a most delicious flavor.

R. W. SLADE,
Columbus, Ga.

July 16, '91.

This novel Tomato, Ponderosa, is a new variety, large, smooth, of a dark, rich crimson color, hardy growth, prolific and well adapted to this climate.

"THE NOXABEE DEMOCRAT,"
Macon, Miss.

July 18, '91

The seed of the new Tomato, Ponderosa, which I purchased from you last spring, has far exceeded my most sanguine expectations. It is certainly the finest Tomato I have ever seen.

A. C. FRASER,
Galt, Ontario.

Aug. 7, '91.

Whatever name may be selected for it, it has come to stay, like many other new vegetables you have introduced.

MARK SPENCER,
North Salem, N. Y.



This prediction that we have by thousands of superior tomatoes uniformly large, long of the finest per quart.

L. HAZAMER.

MR. FALCONER.

TOMATO NAME CONTEST.

A man green; very shaped at quality. 3. Carman, Editor of *Rural New Yorker*, both of New York, gentlemen constituted the jury whose verdict gave the Mr. John Thorpe, Chief of Floriculture in the Columbian unfortunately ill in Chicago at the time the name contest was presented to serve. All three gentlemen are widely known unanimous choice of the successful name will, we think, contestants who suggested the winning name think so. Our

DR. W. P. McDERMOTT, 222 San Jose Av., San Francisco, Cal.
GEO. SUMMEY, Chester, Chester Co., S. C.

1892 WE OFFER \$500.00

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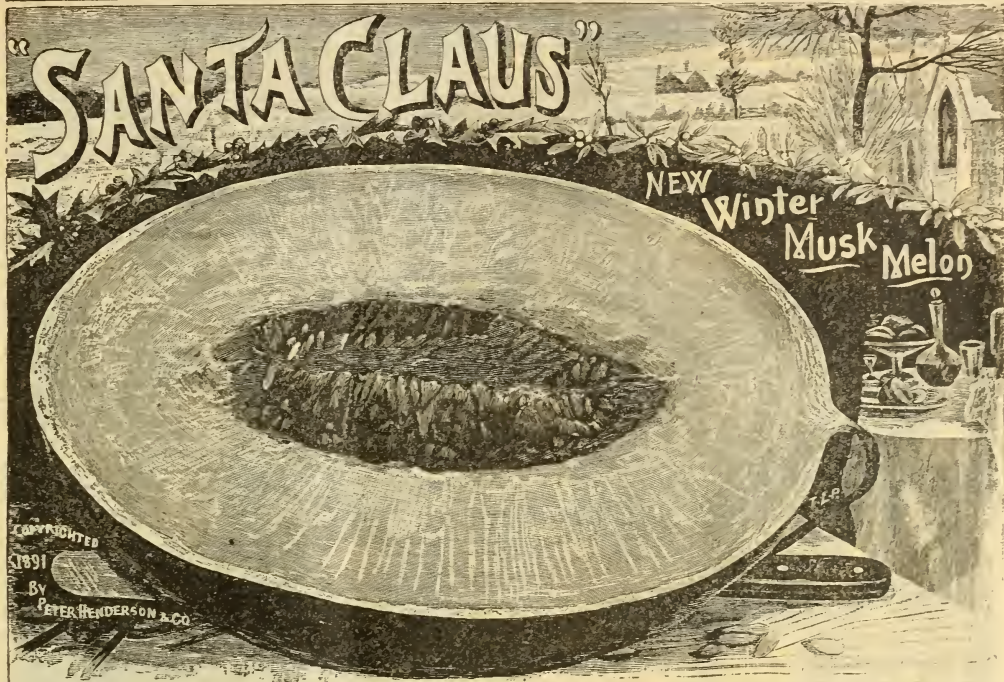
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MARK SPENCER,

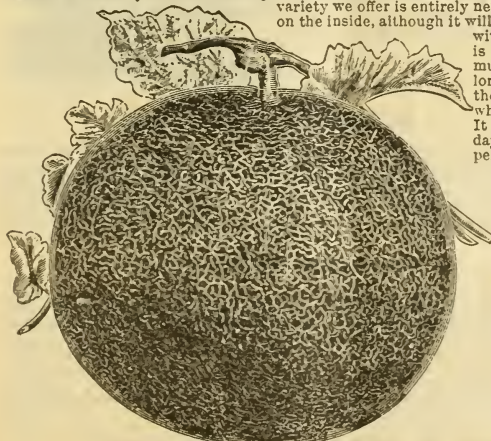
North Salem, N. Y.



NEW WINTER MUSK MELON, "SANTA CLAUS."

A wealthy citizen of New York, who is considerable of an epicure, is said to have once offered his gardener \$1,000, if he would place a good edible watermelon, that had been raised in his own greenhouse, on his table Christmas morning. His desire was probably never gratified, but had his taste extended to musk melons it could now be easily done, and that, too, without the aid of a greenhouse. This would have been impossible until the introduction of this class of musk melons, which, though grown in the open ground in the same manner as ordinary melons, can be picked off in the fall and kept in a cool cellar, as easily as pumpkins, until February or March. The

variety we offer is entirely new and the finest of all. The color of the flesh is a delicate peach pink on the inside, although it will at times run yellow in color, and the outer skin is dark green marked with brown. The quality is delicious, having a rich spicy flavor that is not possessed by any other fruit. All of this class of melons have much thicker and finer flesh than ordinary musk melons, hence their long-keeping qualities. This variety rarely ripens in the open ground, so the melons must be picked off in the fall and put in some cool place, where, however, there is no danger of freezing, until they are wanted. It is usually necessary to place them in a warm room for three or four days before using so as to ripen them up thoroughly. (See cut.) 25 cts. per pkt., 5 pkts. for \$1.00.



.. New .. "THE BANQUET." Musk Melon,

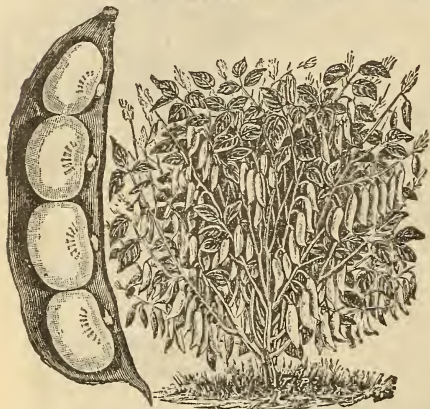
This superb melon represents years of careful selection and improvement of a stock of Musk Melon at the hands of the largest and most experienced grower of melons in the world. The raiser regards it as his greatest production and likely to supersede all other red-fleshed melons. "The Banquet" is a medium-sized melon, flat at both ends and more beautifully netted than any known variety. In quality it has no equal, the flesh is uniformly deep and of that granulated character that always indicates a good melon; the color is a dark rich salmon. The oft-repeated question, "How can I raise good Musk Melons?" can now be answered, "Plant the Banquet." We are safe in saying that it will produce more fine edible melons to a given area than any other variety. (See cut.) 15 cts. per pkt., 50 cts. per oz., \$1.75 per $\frac{1}{4}$ lb., \$6.00 per lb.

We have bought a great many seeds and plants of you during the past six years, and always found them satisfactory, especially your melon seed, which we buy in large quantities, as we raise them by acres.—MARY T. CALDWELL.
— N. Y., November 18th, 1891.

THE THREE BUSH LIMAS.

It is rather remarkable that within three years BUSH FORMS of three distinct varieties of Pole Lima Beans should appear. While all three are entirely distinct, we feel justified in claiming that Henderson's Bush Lima will prove of really more value to horticulture than either of the large forms, for while the bean is smaller yet it is decidedly more prolific and from two to three weeks earlier than either of the other sorts, thus filling a place that nothing else does. We trust that our customers will give all the three varieties a thorough test this season.

HENDERSON'S NEW BUSH LIMA BEAN.



HENDERSON'S BUSH LIMA BEAN.

Samples of the Hundreds of Testimonials we receive about HENDERSON'S BUSH LIMA BEANS.

Your Dwarf Lima Beans are great for this country. I have had great crops last year and this. The Pole Lima would not do here.—J. P. BIRCHALL, — N. D., Sept. 22, 1891.

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 bearing at our Farmers' Club, and each member wished some for seed, which I furnished them.—EDWIN WATSON, — N. Y.

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 RUSSELL, — Va.

I exhibited, at the Queens County Agricultural Fair, your Bush Lima Beans, and was awarded discretionary premium: we consider it the best Bean grown.—MRS. JOHN WILKES, — N. Y.

I have raised Lima Beans 34 years: your Bush Lima beats them all.—SMITH KNAPP, — N. Y.

Have given your Bush Limas a good trial, and consider it an excellent addition to the vegetable kingdom.—H. D. M. VREELAND, — N. J.

No novelty that has ever been sent out has received as wide distribution, in so short a time, as Henderson's Bush Lima. A few years ago the entire stock of this variety was growing on an obscure plantation in Virginia; to-day it will be found in almost every garden on this continent. This has been due to its great merit, which the public were quick to recognize. One of the most valuable characteristics of Henderson's Bush Lima is its extreme earliness, as it comes in from two to three weeks ahead of any of the other climbing or Bush Limas, thus supplying us with a delicious vegetable at a time when the garden is somewhat bare, filling in, as it does, the gap between Peas and the Pole Limas. The small size of Henderson's Bush Lima, which at first was urged as an objection to it, has proved one of the strongest points in its favor, as the public, rightly enough, prefer small beans, always associating great size in beans or peas with coarser quality.

Henderson's Bush Lima is enormously productive, bearing continuously throughout the summer until killed by the frost. Its great 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., 30 cts. per $\frac{1}{2}$ pt., 50 cts. per pt., 75 cts. per qt.

Last year I grew Henderson's Bush Lima and was very favorably impressed with it. . . It grew well and bore copiously and kept in good bearing condition for a long time, and the quality of the beans was excellent. . .

Seeds sown May 6th made fine bushy, branchy plants and cropped heavily. I began picking July 21, etc. Wm. FALCOW, —



Burpee's
BUSH
LIMA

BURPEE'S BUSH LIMA.

This is a bush form of the well-known Large White Lima Bean. It is very fixed in its bush character, growing to a uniform height of about twenty inches. While not so early as Henderson's Bush Lima, its larger size will commend it to many. The pods are of the exact size of the Large Pole Limas and contain many beans of the same delicious quality. (See *cut.*) Price, 20 cts. per pkt.

DREER'S BUSH LIMA.

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

Price, 20 cts. per pkt.



SPECIAL OFFER: 1 PACKET OF EACH OF THE THREE BUSH LIMAS, FOR 40 CTS.



Improved Golden Wax Bean.

The Golden Wax Bean has for years been the most popular of the dwarf wax varieties, and in the Improved Golden Wax which we now offer we have a bean that possesses all the good points of the old Golden Wax, but is larger in pod and much more prolific.

This improved stock is one of the handsomest beans we have ever seen, being of dark rich golden yellow color and of perfect shape, being neither too large nor too small. It is of grand quality, showing no string or coarseness even when past its best, but is of tender, melting flavor at all stages of its growth.

For market gardeners or private families no better bush bean can be planted. (See *cut.*) Price, 30 cts. per pt., 50 cts. per qt., \$2.25 per pk., \$8.00 per bus.

YOSEMITE MAMMOTH WAX BUSH BEAN.

Last season was a disastrous one to Wax Beans generally, the rust being much more prevalent than usual, and in cases where the Yosemite Bean was planted, at the same distance apart as ordinary varieties, it was also badly affected.

We would again call attention to the necessity of planting this grand variety nearly twice as wide apart as ordinary bush beans.

The plant is so large and vigorous, and the pods are so solid and pulpy, that they require a great deal of light and air to perfect them.

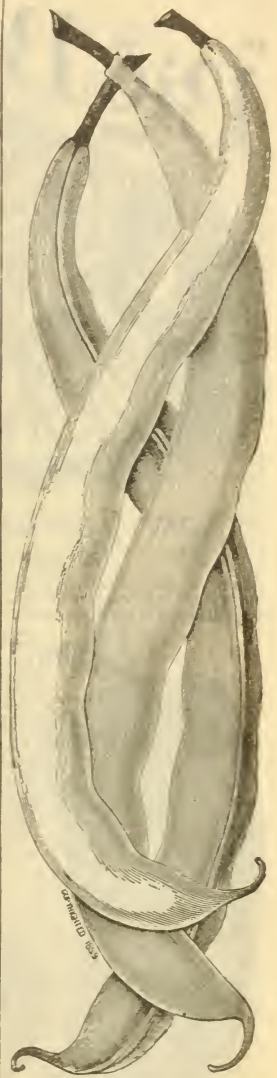
To such as have not grown this variety before we would state that it is regarded by many eminent authorities as being second only in distinctiveness and value to the Bush Lima, which we also introduced.

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. 10 cts., ½ pt. 30 cts., per pt. 50 cts., per qt. 75 cts., \$4.50 per pk.

NEW

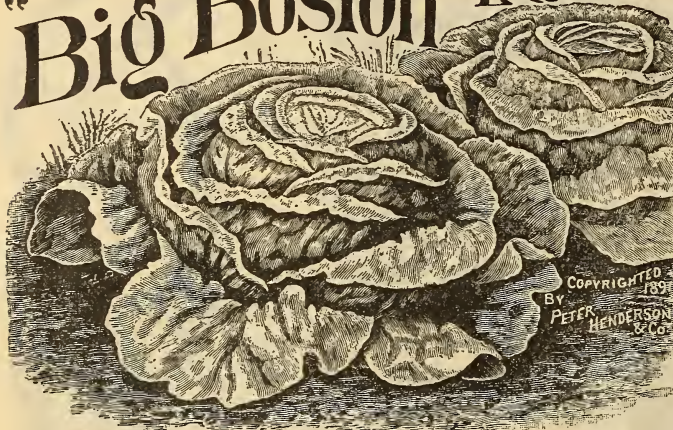
Extra Early Refugee Bean.

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. The Extra Early Refugee is rapidly becoming the favorite sort with Southern truckers and planters as it matures equally early with the Red Valentine, and has that beautiful silvery green color in the pods that is so much desired. In quality it is unexcelled, being free from string, and meltingly tender at all stages of its growth. Our stock of this variety has been specially selected and improved, and we recommend all to give it a trial. Price, 20 cts. per pt., 35 cts. per qt., \$1.75 per pk., \$6.00 per bush.



YOSEMITE
Mammoth Wax Bush Bean.

"Big Boston" Lettuce.



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. The "Big Boston" is sure to be wanted by market gardeners and truckers, because it always produces large, solid, salable heads, and it will commend itself to amateurs because it heads up well at all seasons of the year and is of crisp, tender quality. (See cut.)

Price, 15 cts. per pkt., 35 cts. per oz., \$1.00 per $\frac{1}{4}$ lb., \$3.50 per lb.

New Celeriac, "PARIS MARKET."

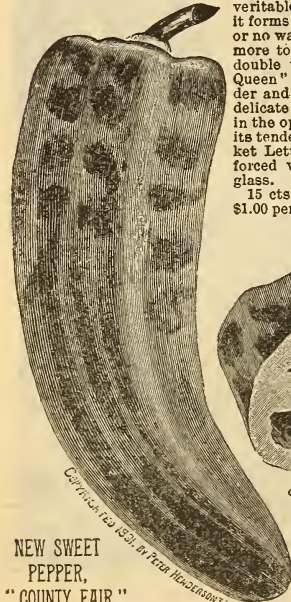
A most distinct and valuable variety, with tops of half the usual size, which enables it to be planted twice as close together as ordinary Celeriac. The roots are of good size, round and

smooth as an apple. It is at least ten days earlier than any other variety, which will commend it particularly to market gardeners. (See cut.) 20 cts. per pkt., 6 pkts for \$1.00.

New Forcing Lettuce, "GOLDEN QUEEN."

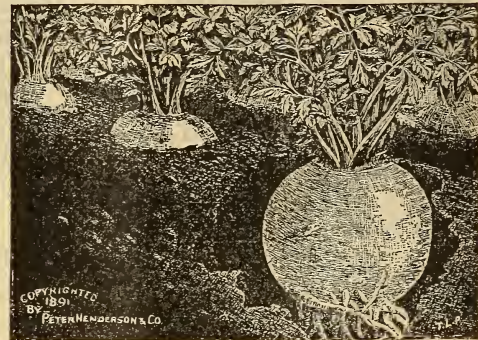
A very desirable small, early variety, of a most pleasing golden yellow color, that shade which is always most desirable in a Lettuce. It is one of the most deceptive varieties we have ever seen, as at first glance it seems to be a veritable miniature Lettuce; but it forms all solid heads with little or no waste, so that there is really more to it than in many Lettuces double the size. 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.

15 cts. per pkt., 35 cts. per oz., \$1.00 per $\frac{1}{4}$ lb., \$3.50 per lb.



CUT SECTION OF NEW SWEET PEPPER, "COUNTY FAIR."

NEW SWEET PEPPER, "COUNTY FAIR."



NEW CELERIAC, "PARIS MARKET."

New Sweet Pepper, "COUNTY FAIR."

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

15 cts. per pkt., 8 pkts. for \$1.00.

Pepper, "Cardinal."

A very distinct variety, growing from 5 to 6 inches in length, being about an inch broad at the top and tapering to a point. This Pepper is slightly scimitar-shaped, and is a glossy bright red color. Very sweet and thick fleshed.

Price, 15 cts. per pkt., \$1.00 per oz.

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 *cul.*) 10 cts. per pkt., 50 cts. per oz., \$1.25 per $\frac{1}{4}$ lb., \$4.50 per lb.

New Tomato, "Table Queen."

This is the great premium variety which we offered in 1890, 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. 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" is a rich shade of crimson, and of a most agreeable acid flavor. It is undoubtedly the most satisfactory Tomato for private gardens that has been sent out in many years. Price, 15 cts. per pkt., 75 cts. per oz., \$2.50 per $\frac{1}{4}$ lb., \$9.00 per lb.



NEW CELERY, "GIANT PASCAL."

New Lettuce, "Sunset."

A head Lettuce of splendid quality, with characteristics that commend it to all. It forms large, solid heads of a rich golden yellow, a shade of color hitherto unknown in this class of Lettuce. 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. We gave the Sunset Lettuce a very thorough trial last season and we found it to be one of the best heat-resisting lettuces that we had ever seen. In fact, the Big Boston and Sunset were in good condition on our trial grounds when all other varieties were passed. Price, 15 cts. per pkt., 50 cts. per oz., \$1.50 per $\frac{1}{4}$ lb., \$4.00 lb.

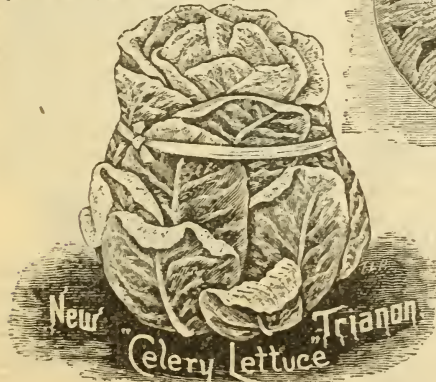
NEW TOMATO "Table Queen"



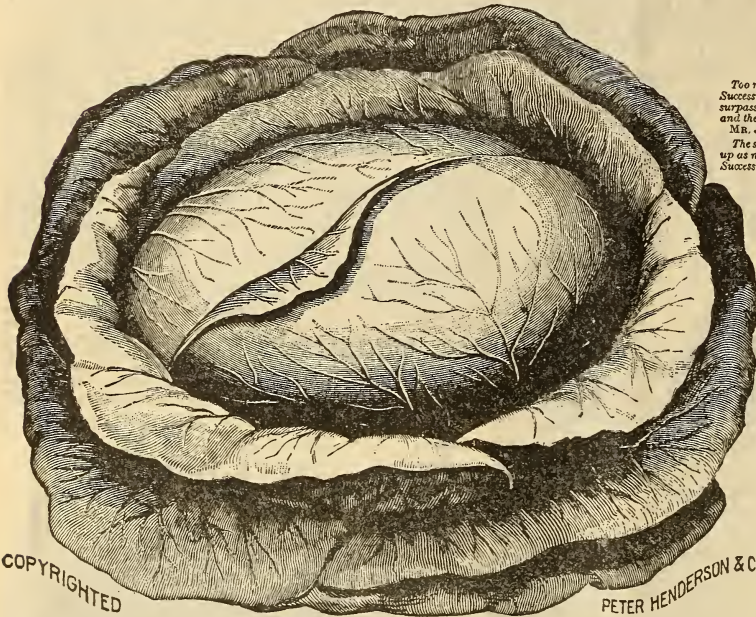
NEW COS OR CELERY LETTUCE,

"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 unequalled. The leaves when bleached are stiff like Celery stalks and can be eaten in the same manner. (See *cul.*) Price, 15 cts. per pkt., 60 cts. per oz., \$2.00 per $\frac{1}{4}$ lb.



Henderson's Succession Cabbage.



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PETER HENDERSON & CO.

HENDERSON'S SUCCESSION CABBAGE.

TESTIMONIALS.

Too much cannot be said in praise of the Grand Succession Cabbage. It is wonderful, and far surpasses all others for solidity, productivity and the fine large quality of the heads.

Mr. J. F. CARL, Pa., Sept. 21, '91.
The season has been against it, but it is heading up as no other known cabbage would have done. Succession is THE cabbage for my soil. In a good year, it is a sight to behold, remarkably uniform, and very satisfactory.

S. EDWARD FASCHELL, Pa.

I have had splendid luck with your Succession Cabbage. I am located very nearly 8,000 ft. above the level of the sea where we nearly always have frost until the 10th of June and again by the 1st of August. I weighed one head of this cabbage that turned the scales at 21 lbs.

H. E. GOETTING, Col.

Your Succession Cabbage beats anything I ever raised; every plant made a head.

JAMES D. BURROUGHS, N. Y., March 20, '91.

The plants received from you this spring were in good condition, and the results grand. Too much cannot be said in praise of Henderson's Succession Cabbage. It was the only cabbage in this part of the country that headed; as dry as it has been here I have fine heads, and some weigh 15 lbs. the last of June. It's a "dandy" — just the thing for South Dakota.

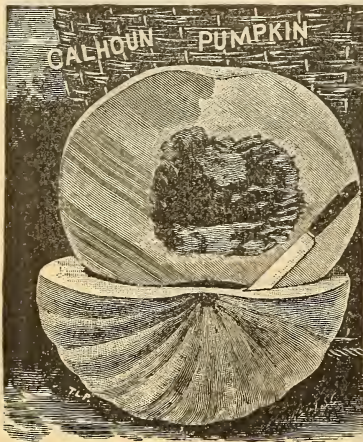
D. W. SHERCOCK, S. D., Oct. 24, '91.

I wish to state that your Succession Cabbage is a real show in my patch — every head a perfect specimen.

DANIEL J. HARMAN, Friedensburg, Aug. 6, '91.

We find this a very superior variety, AARON LOW & SON, Seed Growers.

Mass., Jan. 12, '91.



Copyrighted by Peter Henderson & Co., 1891.

Of all the varieties of vegetables mentioned on our "Honor Arch" of introductions on page 1, there is nothing that we feel prouder of than of Succession Cabbage. We can say without exaggeration that it is the finest cabbage in existence to-day; whether for medium early, main crop or late use, it has no equal. It is so finely bred and so true to type that in a field of twenty acres every head appears alike. We can recommend it either for the market gardener, trucker or private planter, as it is a perfect cabbage in every respect, not only being of the largest size but of handsome color and of the finest quality. It is probably the safest variety for an amateur to plant as it does well at all seasons, and one is sure of getting a crop no matter when it is planted. Our stocks of cabbage of all varieties have for years been the acknowledged standard of excellence in this country, and when we state that we consider Succession to be the most valuable variety that we have ever introduced, our opinion of its great merit will be apparent to all. We could fill many pages of our catalogue with unsolicited flattering testimonials that we have received from all sections of the country in regard to its great excellence, but space only permits us to give a few of them above. Price, 15 cts. per packet, 50 cts. per ounce, \$1.75 per 1/4 lb., \$6.00 per lb.

NEW PIE PUMPKIN, "CALHOUN."

We gave this variety a very thorough distribution last year, and wherever heard from, it gave the highest satisfaction, every one speaking of its superior quality. The outside color is a creamy brown; the inside flesh is a deep salmon yellow; the flesh is wonderfully thick and fine grained, and the seed cavity very small. It cooks very yellow and makes pies of a high rich color and of the finest quality. This variety is entirely fixed in its character, every specimen being uniformly of the shape shown in the engraving. Any one using the Calhoun Pumpkin once will never use any other variety, so superior is it in quality. Price, 15 cts. per packet, 50 cts. per ounce, \$1.75 per 1/4 lb., \$6.00 per lb.



THE FARM METHOD

THE GARDEN METHOD

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

POSTAGE must be added to Catalogue prices at the rate of 8 cts. per lb. when seeds are ordered in quantities of half lb. and upward. Add postage for Beans and Peas at the rate of 15 cts. per quart, and to Corn 10 cts. per quart to Catalogue prices.

We offer the following inducements to those who wish to purchase **PACKETS** in quantity; these low rates apply only to Seeds by the **PACKET**, not by the oz., ¼ lb., lb., pints or quarts; and Seeds ordered in this way will be forwarded by **Mail** to any address in the United States or Canada:

Purchasers remitting \$1.00 may select Vegetable Seeds in PACKETS , to value of.....	\$1.15
.....	2.30
.....	3.50
.....	4.75
..... (also our Book, "Garden and Farm Topics").....	6.00
..... (and our Book, "Practical Floriculture").....	13.00

Varieties in **heavy type** are such as we have found to be the best for general cultivation.

ARTICHOKE, GLOBE.

German, *Artischoke*.—French, *Artichaut*.—Spanish, *Alcachofa*.

Sow in April in rich soil, and transplant the following spring to permanent beds, in rows (for hills) three feet apart, and two feet between the plants. They only give a partial crop the first season, but the beds will remain in bearing for years. Protect in winter by a covering of leaves or coarse manure.

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

ARTICHOKE, JERUSALEM.

Grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in a similar manner, only that the rows should be at least four feet apart when grown in strong soils. It is enormously productive, producing 1,600 bushels per acre. It is used mostly in feeding sheep and hogs. In some parts of the Southern States the tops are cut and dried as hay. (See cut.)

Strong tubers, 25 cts. per qt., \$1.25 per peck, \$4.00 per bushel. A 3-lb. package by mail for 75c.



JERUSALEM ARTICHOKE.

ASPARAGUS.

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

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

THE PALMETTO. Until we found this new Palmetto Asparagus, Conover's Colossal was the leading sort, and justly so; but the Palmetto is not only much earlier, but is also a better yielder, and is more even and regular in its growth and must eventually supplant the old favorite. Average bunches, containing fifteen shoots, measure 13½ inches in circumference, and weigh about two pounds. The Palmetto has now been planted in all parts of the country, and the reports we have indicate that it is equally well adapted for all sections North and South. Its quality is unequalled. (See cut.)

15 cts. per pkt., 25 cts. per oz., 75 cts. per ¼ lb., \$2.00 per lb.

Colossal. The standard variety. The shoots are of the largest size; very productive and of the best quality. 5 cts. per pkt., 10 cts. per oz., 20 cts. per ¼ lb., 60 cts. per lb.

ASPARAGUS + ROOTS.

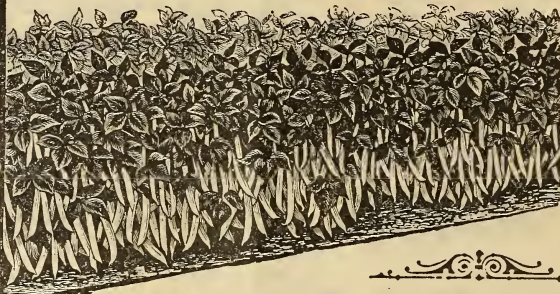
If to be sent by mail add 40 cts. per 100 to the prices. A saving of one to two years is effected by planting roots. Those offered below are strong two-year-old roots. For private use or for marketing on a small scale, beds should be formed five feet wide with three rows planted in each, one in the middle and one on each side a foot from the edge, distance between the plants in the rows nine inches.

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

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



PALMETTO ASPARAGUS



BEANS, GREEN PODED SORTS. DWARF OR BUSH.

German, Bohne.—French, Haricot.—Spanish, Frijolcmano.

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

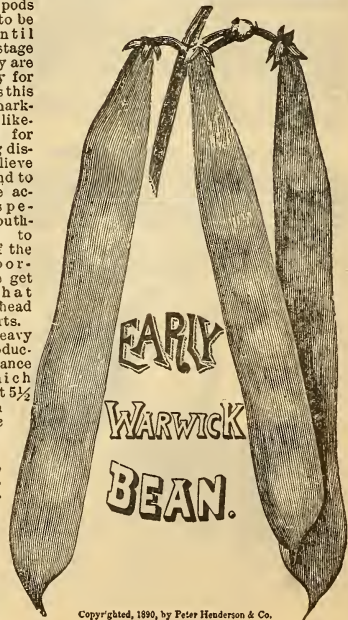
A succession of sowings can be made from the first week in May until September. These dates are for the latitude of New York; further south the sowing must be done earlier, further north later. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness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

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

HENDERSON'S NEW BUSH LIMA. (See full description on page 12.) 10 cts. pkt., 30 cts. $\frac{1}{2}$ pt., 50 cts. pt., 75 cts. qt.

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 Empeter 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 trader, to whom it is of the utmost importance that he get something that will come in ahead of existing sorts.

It is a heavy cropper, producing an abundance of pods which average about $5\frac{1}{2}$ inches in length. (See cut.)
30 cts. per pt.,
50 cts. per qt.,
\$2.25 per peck,
\$7.00 per 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 described below. 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.

ROUND EARLY SIX WEEKS. A decided acquisition, being an improved form of the old favorite Long Yellow Six Weeks. It is slightly shorter in the pod but round, and is almost destitute of string at all stages of growth. We can recommend it, either as a string or shelled bean. 25 cts. pt., 40 cts. qt., \$2.00 peck, \$6.50 bush.

RHODE ISLAND DWARF CASEKNIFE. A continual bearer during the summer. Exceedingly early, and when young the beans are tender and of very fine flavor. 15 cts. pt., 25 cts. qt., \$1.25 peck, \$4.00 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. 15 cts. pt., 25 cts. qt., \$1.25 peck, \$4.50 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 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. 20 cts. pt., 30 cts. qt., \$1.25 peck, \$4.00 bush.

Dwarf Horticultural. A bush variety of the well-known Horticultural Pole Bean. 25 cts. pt., 40 cts. qt., \$2.00 peck, \$6.50 bush.

EXTRA EARLY REFUGEE. (See *Novelties*, page 13.) 20 cts. pt., 35 cts. qt., \$1.75 peck, \$6.00 bush. (See cut.)

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. 15 cts. pt.; 25 cts. qt., \$1.25 peck, \$4.00 bush.

DREER'S BUSH LIMA. (See *Novelties*, page 12.) 20 cts. pkt.

BURPEE'S BUSH LIMA. (See *Novelties*, page 12.) 20 cts. pkt.

We can also supply the following standard varieties of Beans, which are too well known to need description, at the uniform price of 15 cts. per pt., 25 cts. per qt., \$1.25 per peck, \$4.00 per bushel:

No Plus Ultra,
Best of All,
Golden Refugee,

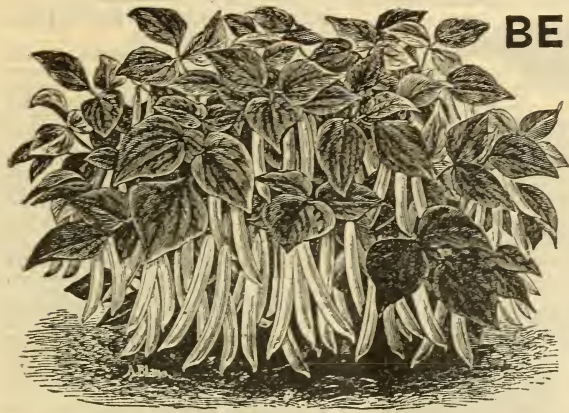
White Valentine,
White Marrow,
Emperor William,

Gallega or Large Refugee,
Large White Kidney,
Early China.

BEANS, Dwarf or Bush.

WAX POD VARIETIES.

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



GOLDEN-EYED WAX BEAN.

BLACK-EYED WAX. Introduced by us five 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. 25 cts. pt., 40 cts. qt., \$2.00 peck, \$6.50 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, \$6.50 bushel.

YOSEMITE MAMMOTH WAX. (See *Novelties*, page 13.) 10 cts. peck, 30 cts. ½ pint, 50 cts. qt., 75 cts. qt., \$4.50 peck.

BLACK WAX. When ripe the pods are yellow, averaging 7 inches in length, very tender and of the best quality. Seeds when ripe glossy black. 20 cts. pt., 35 cts. qt., \$1.50 peck, \$5.50 bushel.

IMPROVED GOLDEN WAX. (See *Novelties*, page 13.) 30 cts. pt., 50 cts. qt., \$2.25 peck, \$8.00 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, \$6.50 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 five years ago. Price, 25 cts. pt., 40 cts. qt., \$2.00 peck, \$7.00 bushel.

GOLDEN-EYED WAX. This is an early and vigorous growing variety, yielding a great profusion of tender pods of a beautiful waxy appearance. The vine grows about one and a half feet high, holding the pods well off the ground, thus keeping them clean and attractive. It is singularly free from blight and rust; in this respect it stood the test well in our trial grounds last year. The pods are flat, larger than the Golden Wax, and very nearly as large as the Flageolet Wax. (See *cut.*) 30 cts. pt., 50 cts. qt., \$2.25 peck, \$7.50 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. Price, 30 cts. pt., 50 cts. qt., \$2.25 peck, \$7.50 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.

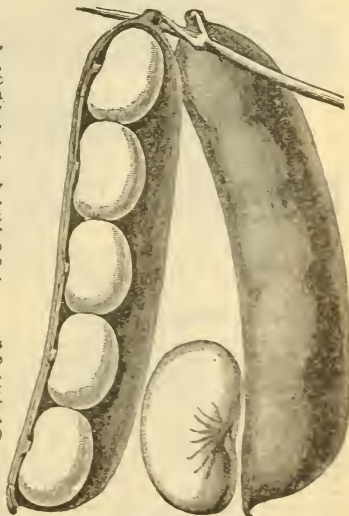
POLE LIMA BEANS.

FORD'S MAMMOTH. This is undoubtedly one of the best of all the climbing Limas, the individual beans being of enormous size and averaging 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. Price, 40 cts. pt., 70 cts. qt., \$4.00 peck, \$14.00 bushel.

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 bushel.

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.



JERSEY EXTRA EARLY LIMA BEAN.

JERSEY EXTRA EARLY LIMA. In our experience with it from year to year, we have found it invariably ten days to two weeks earlier than any other Pole Lima. The pods of it have been large enough to pick July 24th, and have been sold in the New York markets a week later. The beans are a trifle smaller than those of the Large White Lima, but are all the better on that account, as small beans are always considered preferable, being more tender and delicious. Every one desiring a Pole Lima Bean should plant the Jersey Extra Early, as it combines, better than any other, quantity, quality and earliness. (See *cut.*) Price, 40 cts. pt., 70 cts. qt., \$4.00 peck, \$14.00 bushel.

I cannot refrain from expressing to you my appreciation of the superior quality of your seeds and the product of the same. The past spring I planted a row but Peter Henderson & Co.'s seeds, and am pleased to say that it was most agreeably surprised. If a single seed failed to germinate I do not know it and the fruit proved quite true to name and variety. I deem it a duty I owe your house, in consideration of the quality of your goods and the very gentlemanly manner in which you have always treated me, to make this fact known to my friends.—HENRY L. GRANT, W. Va., Oct. 18, 1891.



BEANS, Pole or Running.

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

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 Refugee Bush Bean. The pods, though large, cook tender and melting, and we can recommend it as the best green Pole Bean. (See cut.) Price, 10 cts. pkt., 30 cts. $\frac{1}{2}$ pt., 50 cts. pt., 75 cts. qt., \$5.00 peck.

"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, 10 cts. pkt., 30 cts. $\frac{1}{2}$ pt., 50 cts. pt., 75 cts. qt., \$5.00 peck.

BEANS, POLE OR RUNNING.

(Continued.)

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. Price, 30 cts. per pt., 50 cts. per qt., \$3.00 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 bush.

Horticultural or Speckled Cranberry. Popular either in the green state or shelled. 25 cts. per pt., 40 cts. per qt., \$2.25 per peck, \$8.00 per bush.

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, 25 cts. pt., 40 cts. qt., \$2.25 peck, \$8.00 bush.

White Dutch Runner. Similar to the preceding, excepting seeds and flower, which are white. 25 cts. pt., 40 cts. qt., \$2.25 peck, \$8.00 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 bush.

BEANS, English or Broad.

German, *Gartenbohne*.—French, *Fève de Mariae*.—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 insure wide use of 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.

BROCCOLI SPROUTS.

German, *Kopfstohl 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. $\frac{1}{2}$ lb., \$2.50 lb.

DWARF IMPROVED. A variety producing compact sprouts of excellent quality. 10 cts. pkt., 25 cts. oz., 80 cts. $\frac{1}{2}$ lb., \$3.00 lb.

DALKEITH. (See *Novelties*, page 4.) 15 cts. per pkt., 60 cts. per oz.

BROCCOLI.

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

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 $\frac{1}{2}$ lb.

PURPLE CAPE. Differs from the preceding only in color. 10 cts. pkt., 40 cts. oz., \$1.25 $\frac{1}{2}$ lb.

Walcheren. A valuable variety, with very large, firm heads. 15 cts. pkt., 75 cts. oz., \$2.50 $\frac{1}{2}$ lb.



BEET.

German, *Runkel Rubé*—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 the cellar or in pits outside like potatoes, care being taken that they are not bruised or injured in the process.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 8 cts. per lb.

EGYPTIAN TURNIP. A standard sort, being from ten to twelve days earlier than the old Blood Turnip. The roots are large in size, and of a rich, deep crimson color. From the smallness of the tops of the Egyptian at least one-fourth more can be grown on the same space than any other variety. 5 cts. pkt., 15 cts. oz., 30 cts. ¼ lb., 65 cts. lb.

IMPROVED ARLINGTON. We offered this improved stock of beet for the first time last season, and we doubt if there is anything that has given more general satisfaction. The prevailing shape is shown in the cut. It is of medium size and a dark rich blood-red color.

One of the strongest points in favor of this variety is the fact that it does not become bitter and stringy when it is a little old as is the case with many other varieties, but is sweet and tender at all times. Its grand quality, uniform shape and beautiful color leave nothing to be desired in this grand table beet. (See cut.) 10 cts. per pkt., 20 cts. per oz., 50 cts. per ¼ lb., \$1.50 per lb.

ECLIPSE. This variety is a great acquisition, has become exceedingly popular and is one of the best early sorts. It possesses all the qualities requisite in a first-class beet, and is of a uniform globular shape. The roots are a bright glossy red, fine grained and delicious, with none of that earthy flavor so objectionable in many varieties. (See cut.) 10 cts. per pkt., 15 cts. per oz., 30 cts. per ¼ lb., 75 cts. per 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. ¼ 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. 10 cts. pkt., 15 cts. oz., 30 cts. ¼ lb., 75 cts. lb.

EDMANDS. While not strictly a first early beet it follows very closely and is the most uniform of all Turnip Beets, with very small tops and short foliage of a rich red. The roots are handsome and round, very smooth, with a single tap root; of good marketable size, and for table use no variety can excel it in fine quality. The skin is deep blood-red; the flesh also is dark red and exceedingly sweet and tender. 10 cts. per pkt., 15 cts. per oz., 35 cts. per ¼ lb., \$1.00 per lb.

LONG SMOOTH BLOOD-RED. An excellent late variety; a great improvement on the common Long Blood. 5 cts. pkt., 15 cts. oz., 30 cts. ¼ lb., 65 cts. lb.

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 *Canna*. The beet itself is full sized, dark crimson in color, and unexcelled in quality. 10 cts. per pkt., 20 cts. per oz., 50 cts. per ¼ lb., \$1.50 per 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. It is grown extensively in many European countries, and considered there indispensable, and should have more extended culture here. 5 cts. pkt., 10 cts. oz., 30 cts. ¼ lb., 75 cts. lb.

BEET, Sugar and Mangel. See Farm Seed Department, page 50.



We can also supply the following standard varieties of Beet, which are too well known to need description, at the uniform price of 5 cts. pkt., 15 cts. oz., 30 cts. ¼ lb., 65 cts. lb.:

- | | |
|-------------------------|-----------------------|
| Lentz | Pineapple |
| Eastian's Blood Turnip, | Early Flat Bassano, |
| Early Yellow Turnip, | Brazilian Variegated. |

*Plant for
First Early.*



HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD.

THE LARGEST AND BEST "FIRST EARLY" CABBAGE.

For some years past customers have requested us to procure for them, if possible, a Cabbage which had all the characteristics of the Early Jersey Wakefield, but of a greater size. With this in view, we carefully selected from one of our best stocks of Wakefield a larger type, which is now so fixed in its character that we can offer it with confidence to those desiring a Cabbage of this kind. This selection will average about 50 per cent. larger in size than the old type of Wakefield, and is only two or three days later. (Stock limited.) Price, 15c. per pkt., 60 cts. per oz., \$2.00 per $\frac{1}{4}$ lb., \$7.00 per lb.

EXPRESS. Five years' trials of this superior Cabbage have proved it to be the earliest in cultivation, and in this class cannot be excelled. While not so large as Jersey Wakefield, it is four or five days earlier. The heads are uniform in size and shape, exceedingly solid and firm, and of a fine, mild flavor. Though the heads are small, large crops may be obtained, for they have but few outside leaves and may therefore be planted very close. (See cut.) 10 cts. pkt., 30 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 lb.

*Plant for
Second Early.*



HENDERSON'S EARLY SUMMER.

»: CABBAGE. :«

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

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

Of the early varieties of Cabbage, in latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October, and transplanted on the first opening of spring; but in our Northern States they must either be sown in hot-beds in February, or wintered over in cold frames: for this purpose the seed is sown from the 10th to the 20th of September. Attention to date is important: if too soon the plants might run to seed, and if too late they would be too small. In four or five weeks from the time of sowing they will be fit to transplant into the cold frames. In planting, it is very important with Cabbage or Cauliflower, that the plant is set down to the first leaf, so that the stem is all under ground, for, if exposed, it will be split by the action of the frost and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. This earliest crop matures in June. For second early the early kinds should be sown first week in April and planted out in May. This crop should mature in July and August. The late varieties are usually sown in the early part of May and the plants are set in July at distances of three feet between the rows, and two feet between the plants. This crop matures September, October or November. It to be grown for market purposes, for complete details see the new edition of our book, "Gardening for Profit."

FIRST EARLY CABBAGES.

HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD.

Original Stock.

The merits and characteristics of the Early Jersey Wakefield Cabbage are now so well known as to hardly need repeating here; still, as our catalogue annually falls into the hands of thousands who have not before seen it, we may state that it is universally considered the best early Cabbage in cultivation. Among its merits may be mentioned its large size of head for an early sort, small outside foliage, and its uniformity in producing a crop. The heads are pyramidal in shape, having a blunted or rounded peak. This variety was first brought into general notice by the late Mr. Peter Henderson, in his book, "Gardening for Profit," when it was first published twenty-five years ago. (See cut.) Price, 10c. per pkt., 35c. per oz., \$1.00 per $\frac{1}{4}$ lb., \$3.50 per lb.

"THE CHARLESTON," or Large Type of Wakefield.

SECOND EARLY AND LATE CABBAGES.

HENDERSON'S EARLY SUMMER.

This peerless Cabbage was named and first offered for sale by us in 1874, and every year since we have used the utmost care in the selection of heads for seed purposes, and have 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. This variety is about ten days later than the Jersey Wakefield, but being of over double the size, it may be classed as the best large early Cabbage. (See cut.) Price, 10 cts. per pkt., 35 cts. per oz., \$1.00 per $\frac{1}{4}$ lb., \$3.50 per lb.

HENDERSON'S SUCCESSION. (See cut, page 23, and see full description, page 16.)

Price, 15 cts. per pkt., 50 cts. per oz., \$1.75 per $\frac{1}{4}$ lb., \$6.00 per lb.

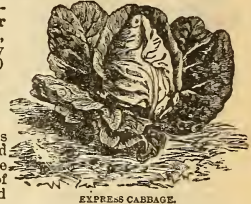
EARLY WINNINGSTADT. A variety coming in about three weeks later than the early varieties. 10 cts. pkt., 30 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.50 lb.

FOTTLER'S IMPROVED BRUNSWICK. One of the very best. Heads large, flat, solid, and of good quality. Stem remarkably short, a sure header, and will stand long without cranking. 10 cts. pkt., 25 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.25 lb.

HENDERSON'S AUTUMN KING. We believe this to be the finest strain of late Cabbage extant. It produces regular, even heads of enormous size, and can be relied upon to produce a greater weight of crop per acre 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. (See cut, page 23.) Price, 15 cts. per pkt., 50 cts. per oz., \$1.75 per $\frac{1}{4}$ lb., \$6.00 per lb.

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

HENDERSON'S SELECTED LATE FLAT DUTCH. This will be found one of the most satisfactory stocks of late Cabbage. We have for years been selecting and improving this old variety, and for this purpose we have, each year, carefully selected the largest and best heads, and now we consider it superior to any other strain of this deservedly popular Cabbage. Price, 10 cts. per pkt., 30 cts. per oz., \$1.00 per $\frac{1}{4}$ lb., \$3.00 per lb.



EXPRESS CABBAGE.

CABBAGE—Continued.

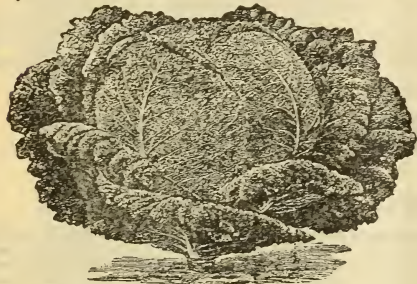
RED DUTCH. Used almost exclusively for pickling. It is one of the hardest of all Cabbages, and when preserved as directed in "Gardening for Profit," will keep later in the season than any of them. It is slow to mature, however, and requires a richer soil for its perfect development. 10 cts. pkt., 30 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$3.00 lb.

EARLY BLOOD RED ERFURT. Earlier than the preceding. Valuable for pickling. 10 cts. pkt., 30 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$3.50 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. 30 cts. pkt.

AMERICAN DRUMHEAD SAVOY. The largest heading Savoy; of excellent flavor. (See cut.) 15 cts. pkt., 35 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 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. $\frac{1}{4}$ lb., \$2.50 lb.



AMERICAN DRUMHEAD SAVOY CABBAGE

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

- | | |
|-----------------------|----------------------------|
| Premier, | St. John's Day Early Drum- |
| Early French Oxheart, | head, |
| Early York, | Large Early Schweinfurt, |
| Large Early York, | Filderkraut, |
| Midsummer Savoy, | Marblehead Mammoth |
| Green Glazed | Drumhead, |
| | Dwarf Ulm Savoy. |

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

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 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 $\frac{1}{4}$ 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. 5 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$3.50 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.

Plant for Main Crop.



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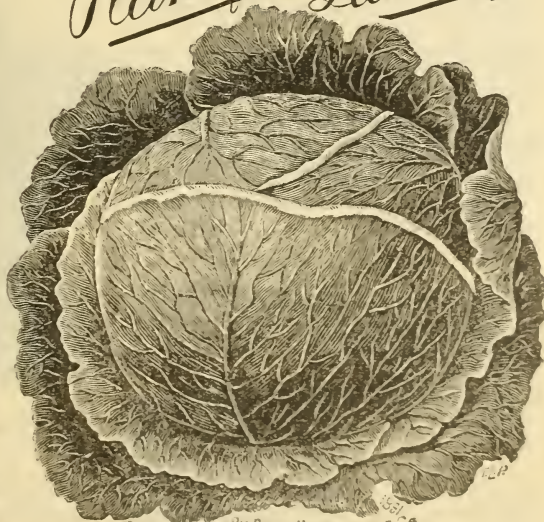
HENDERSON'S SUCCESSION CABBAGE

PETER HENDERSON & CO.

CABBAGE PLANTS

Of Henderson's Selected Early Jersey Wakefield, Henderson's Early Summer and Henderson's Succession, from cold frames, ready from March 1st to May 1st; \$1.00 per 100, \$9.00 per 1,000. Spring sown and transplanted, half above prices; ready May 15th. (Large quantities at special rates.)

Plant for Late Crop.



COPYRIGHTED BY PETER HENDERSON & CO.

HENDERSON'S AUTUMN KING CABBAGE



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 $\frac{1}{4}$ 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.

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

EXTRA EARLY PARIS. A favorite French variety remarkable for its reliability in heading. The leaves being larger, it cannot be planted quite so close as the Erfurt, and is, therefore, not so desirable for forcing, though it is equally valuable for outdoor culture. 15c. pkt., \$1.00 oz., \$3.50 $\frac{1}{4}$ lb., \$12.00 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.

We can also supply the following standard varieties, which are too well known to need description, at the uniform price of 10c. pkt., 60c. oz., \$2.00 $\frac{1}{4}$ lb., \$7.50 lb.:
Half Early Paris or Nonpareil, Early London,
Lenormand's Short Stemmed, Walcheren.

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 $\frac{1}{4}$ 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.



ALGIERS CAULIFLOWER

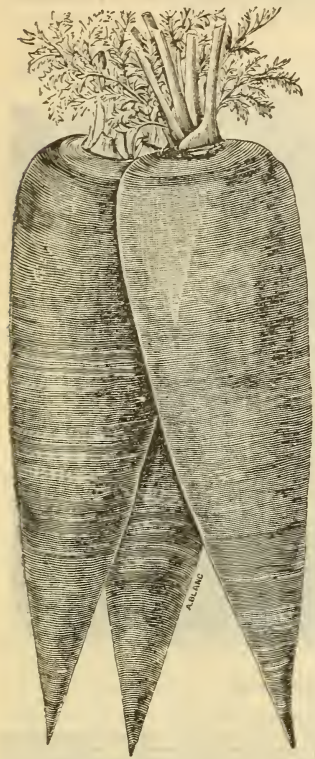
COLLARDS, True Georgia.

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.

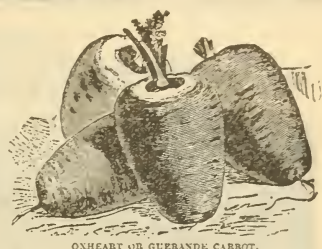
5 cts. pkt., 15 cts. oz., 35 cts. $\frac{1}{4}$ lb., \$1.10 lb.



HENDERSON'S INTERMEDIATE CARROT.



HALF LONG DANVERS CARROT.



OXHEART OR GUERANDE CARROT.

CARROT.

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

The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crops sow in spring as soon as the ground is in good working order; for later crops they may be sown thus 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 $\frac{1}{2}$ 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.) 10 cts. per pkt., 20 cts. per oz., 40 cts. per $\frac{1}{2}$ lb., \$1.25 per lb.

CHARENTAIS HALF LONG SCARLET. A stump-rooted variety, somewhat resembling the well-known Nantes Carrot, but having a larger shoulder and being much more productive. 10 cts. pkt., 20 cts. oz., 40 cts. $\frac{1}{2}$ lb., \$1.25 lb.

OXHEART OR GUERANDE. A French variety of recent introduction and is a decided acquisition. It is intermediate between Half Long and Horn varieties and is perfectly distinct. The shape is nearly oval and the color and quality all that can be desired. (See cut.) 10 cts. pkt., 15 cts. oz., 40 cts. $\frac{1}{2}$ lb., \$1.00 lb.

EARLY FRENCH FORCING. The earliest variety and one largely grown for forcing purposes. It makes a small, almost globe-shaped root of an orange-red color. 10 cts. pkt., 20 cts. oz., 40 cts. $\frac{1}{2}$ lb., \$1.25 lb.

EARLY SCARLET HORN. 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. $\frac{1}{2}$ lb., \$1.00 lb.

EARLY HALF LONG SCARLET CARENTAN. The skin is smooth, flesh red, and without any core or heart. It is excellent for forcing, and for fine quality and perfect shape can hardly be surpassed. 5 cts. pkt., 10 cts. oz., 35 cts. $\frac{1}{2}$ lb., 90 cts. lb.

LONG ORANGE IMPROVED. One of the most desirable for either garden or field culture. It grows to a large size, fair specimens averaging twelve inches in length, with a diameter of three inches at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during winter. It increases the flow of milk and imparts to the butter a delicious flavor and a rich golden color so much desired. 5 cts. pkt., 15 cts. oz., 40 cts. $\frac{1}{2}$ lb., \$1.00 lb.

DANVERS. A handsome cylindrical shaped Carrot of good size and stump-rooted. It is of a rich dark orange color, grows to a large size, is smooth and the flesh very close in texture, with little core. It is a first-class carrot for all soils, and it is claimed that under good cultivation it will yield the greatest weight per acre with the smallest length of root of any now grown. 5 cts. pkt., 10 cts. oz., 30 cts. $\frac{1}{2}$ lb., 90 cts. lb.

HALF LONG RED. (Stump Rooted.) 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. $\frac{1}{2}$ lb., 90 cts. lb.

We can also supply the following standard varieties, which are too well known to need description, at the uniform price of 5 cts. pkt., 10 cts. oz., 35 cts. $\frac{1}{2}$ lb., 90 cts. lb.:

Early Half Long Scarlet,	Large White Belgian,	Altringham,	Yellow Belgian.
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CELERIAC (Turnip-Rooted Celery).

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

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

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

ERFURT GIANT. We have found this to be a great improvement on the older varieties of Celeric, for while of equally good flavor, it attains a much larger size. 10 cts. pkt., 30 cts. oz., \$1.00 $\frac{1}{2}$ lb., \$3.00 lb.

LARGE SMOOTH PRAGUE. The finest variety yet introduced. 10 cts. pkt., 30 cts. oz., \$1.00 $\frac{1}{2}$ lb., \$3.00 lb.

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. $\frac{1}{2}$ lb., \$2.50 lb.

PARIS MARKET. (See *Novelties*, page 14.) 20 cts. pkt., 6 for \$1.

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. $\frac{1}{2}$ lb., 80 cts. lb.



CELERY.

German, *Selert*.—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 three 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 roots 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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 8 cts. per lb.

Henderson's White Plume Celery.

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. **GIANT PASCAL.** (See *Novelties*, page 15.) 10 cts. pkt., 50 cts. oz., \$1.25 $\frac{1}{4}$ lb., \$4.50 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. 5 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.

GOLDEN SELF-BLANCHING. A most valuable variety which partakes somewhat of the character of the celebrated "White Plume," inasmuch as it simply needs a slight earthing up or "handling." It is of a beautiful waxy golden color, very solid and of a rich nutty flavor. 15 cts. pkt., 75 cts. oz.

GOLDEN DWARF. In the great Celery growing districts this variety is planted to the exclusion of almost all others. When blanching the heart is of a waxy golden yellow, rendering it a most attractive and showy variety; entirely solid, of excellent flavor, and one of the best keepers during winter. (See cut.) 10 cts. pkt., 35 cts. oz., 80 cts. $\frac{1}{4}$ lb., \$3.00 lb.

LONDON RED. Is one of the best, having every requisite good quality. 10 cts. pkt., 35 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.

HENDERSON'S NEW ROSE. Without doubt the finest of its class. The color is a beautiful shade of rose, of exceptionally fine flavor, solid, crisp and entirely free from stringiness. A splendid variety for late use, keeping well. (See cut.) 10 cts. pkt., 40 cts. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.

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

We can also supply the following standard varieties of Celery, which are too well known to need description, at the uniform price of 5 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.:

White Walnut,
Boston Market,

Perfection Earthwell,
Henderson's Dwarf White (See cut),

Giant White Solid,
Sandringham Dwarf White,

Hood's Dwarf Red,
Major Clarke's Pink.

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

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

NATURAL SPECIMEN
— IN —
GREEN STATE

EARLY VARIETIES.

CORY EARLY. Repeated and impartial tests on our trial grounds, not only of varieties already known, but also of new early varieties claiming to be as early or earlier than the Cory have convinced us that the Cory is undoubtedly the earliest of all and the very best extra early Sweet Corn. We have proved it to be five days earlier than the Marblehead, which hitherto has always taken the lead. Those desiring a first early variety can make no mistake in planting the Cory. 20 cts. pt., 35 cts. qt., \$2.00 pk., \$6.00 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.

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. Price, 25 cts. per pt., 40 cts. per qt., \$2.50 per pk., \$7.00 per 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. A valuable second early corn, remarkably large for so early a ripener, closely following the well-known Marblehead. Yields an abundant crop, is desirable for family use and one of the most profitable for market or canning. 15 cts. pt., 25 cts. qt., \$1.25 pk., \$4.50 bush.

THE "COUNTRY GENTLEMAN." (See *Novelties*, page 6.) 35 cts. pt., 60 cts. qt.

Medium and Main Crop Varieties.

HENDERSON'S NEW RED COB EVERGREEN. This variety is a sport from Stowell's Evergreen, which has long been the standard favorite everywhere. 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. One of our growers 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.) 25 cts. per pt., 40 cts. per qt., \$2.50 per pk., \$7.00 per bush.

THE "HENDERSON." It is not surprising that 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.

We can also supply the following standard varieties of Corn, which are too well known to need description, at the uniform price of 15 cts. pt., 25 cts. qt., \$1.25 pk., \$4.00 bush.:

Early Adams, or Burlington, Extra Early Tom Thumb, Early Marblehead, Shaker's Early, Old Colony,
Black Mexican, Large Early Eight-Rowed, Hickox Improved, Triumph.

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.

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., \$4.50 bush.

SQUANTUM. One of the sweetest varieties, and is largely used for market and canning. It is a general favorite and is wonderfully productive. The Squantum is the variety used almost exclusively at the famous R. I. clamcakes, which is sufficient evidence of its quality. 15 cts. pt., 25 cts. qt., \$1.25 pk., \$4.50 bush.

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

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 pk., \$4.50 bush.

STOWELL'S EVERGREEN. Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of a large size, grains deep and exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all late sorts. 15 cts. pt., 25 cts. qt., \$1.25 pk., \$4.50 bush.



CUCUMBER.

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

1 oz. for 60 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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8 cts. per lb.

no better. It is exceedingly productive, of medium size, and always straight and smooth, and if only one variety be grown and is wanted to serve all purposes, the Nichol's Medium Green should be that one. 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

LONG GREEN. Long fruit of excellent quality, dark green, firm and crisp. 5 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

SHORT GREEN, OR GREEN. Similar to Early Frame; good for pickling. 5 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

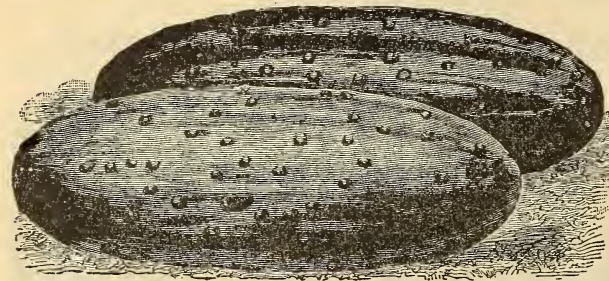
Tailby's Hybrid. A cross between the White Spine and an English frame variety, combining the hardness of the former and the beauty and size of the latter. One of the best for family use. 5 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

EXTRA LONG WHITE SPINE. Largely used for pickling. 5 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

West Indian Gherkin, or Burr. This variety is used exclusively for pickling. 10 cts. pkt., 25 cts. oz., 70 cts. $\frac{1}{4}$ 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. Shape and yield same as a good stock of Green Prolific Cucumber, but from ten days to two weeks earlier. Those who wish an early strain of the Green Prolific, or those who grow exclusively for pickling purposes, will find in this something that they have long desired. 10 cts. pkt., 30 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.

IMPROVED EARLY WHITE SPINE. One of the most popular varieties both for marketing and table use. Vines vigorous, fruiting early and abundantly, fruit uniformly straight and handsome, light green with a few white spines, flesh crisp and of fine flavor. Largely grown for forcing and extensively grown in the South for shipping to the Northern markets early in the season. 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

LIVINGSTON'S EVERGREEN. (See *Novelties*, page 4.) 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.75 lb.

NEW EVERBEARING. (See *Novelties*, page 4.) 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$2.00 lb.

NICHOL'S MEDIUM GREEN. We consider this one of the most valuable introductions of recent date, being useful and desirable for all purposes alike. As a pickle sort, Nichol's Medium Green will be found unequalled, and for early forcing or slicing there is

We can also supply the following standard varieties of Cucumbers, which are too well known to need description, at the uniform price of 5 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

Green Prolific,
Boston Pickling,

Long Green Turkey,
Early Frame,

Early Cluster,
Early Russian.

CRESS, Water.

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

This is a well-known hardy perennial aquatic plant growing abundantly along the margins of running streams, ditches and ponds, and sold in immense quantities in our markets in spring. Where it does not grow naturally, it is easily introduced by planting along the margins of ponds and streams.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8 cts. per lb.
CRESS, WATER. (See *cut.*) 10 cts. pkt., 50 cts. oz., \$1.50 $\frac{1}{4}$ lb.

CRESS OR PEPPER GRASS.

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

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

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



WATER CRESS.

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 resewing, 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 CURLED. Very fine; may be cut two or three times. 5 cts. pkt., 10 cts. oz., 20 cts. $\frac{1}{4}$ lb., 60 cts. lb.

AUSTRALIAN. Fine, piquant flavor. 5 cts. pkt., 15 cts. oz., 35 cts. $\frac{1}{4}$ lb., \$1.00 lb.

AMERICAN, OR LAND. Eaten as Water Cress in winter. 5 cts. pkt., 15 cts. oz., 35 cts. $\frac{1}{4}$ lb., \$1.00 lb.

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, *Eierflanze*.—French, *Aubergine*.—Spanish, *Berenjena*. 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 greenhouses 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 1/2 lb. and upward, postage must be added at the rate of 8 cts. per lb.

EARLY LONG PURPLE. Differs in color from the following. Shape sometimes deep purple, and again pale, with white or yellowish stripes. Early, productive and of easy culture. 10 cts. pkt., 40c. oz., \$1.25 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 1/4 lb.

BLACK PEKIN. The fruit of this handsome Egg Plant is jet black, round in form and very solid; quite early and a very superior variety. 10 cts. pkt., 50 cts. oz., \$1.50 1/4 lb.

GARLIC.

See Onion Sets, page 35.

DANDELION.

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

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 1/2 lb. and upward, postage must be added at the rate of 8 cts. per lb. Dandelion, Common. 10c. pkt., 30c. oz.

LARGE LEAVED.

Its name partly describes this variety. It is double the size of the common Dandelion. 15 cts. pkt., 50 cts. oz.



EGG PLANT, NEW YORK IMPROVED.

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 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.) 10 cts. pkt., 25 cts. oz., 50 cts. 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. 1/4 lb., \$2.00 lb.

White Curled. Leaves pale green; should be used when young. 10 cts. pkt., 25 cts. oz., 50 cts. 1/4 lb., \$1.75 lb.

BROAD LEAVED BATAVIAN (Escarolle.) Chiefly used in soups and stews. 10 cts. pkt., 25 cts. oz., 60 cts. 1/4 lb., \$2.00 lb.



ENDIVE, GREEN CURLED.

KOHL RABI.

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

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

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

EARLY SHORT LEAVED WHITE VIENNA. A variety of fine quality for forcing. 10 cts. pkt., 40 cts. oz., \$1.25 1/4 lb., \$4.00 lb.

EARLY PURPLE VIENNA. Almost identical with the preceding, except in color. 10 cts. pkt., 35 cts. oz., 75 cts. 1/4 lb., \$2.50 lb.

EARLY WHITE VIENNA. Is greenish white outside, flesh white and tender. Should be used when the root is three or four inches in diameter. If younger it partakes of the taste of the Cabbage, and when older is stringy. 5 cts. pkt., 25 cts. oz., 75 cts. 1/4 lb., \$2.50 lb.

KALE, or BORECOLE.

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

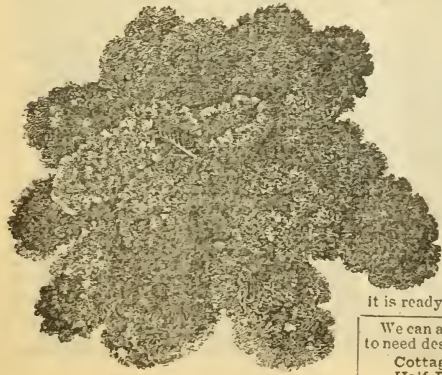
Kale, or Borecole, may be grown in almost any soil, but the richer it is, the more abundant the product. Sow from the middle of April to the beginning of May in prepared beds, covering the seed thinly and evenly; transplant in June and treat in the same manner as for Cabbage. Of all the Cabbage tribe 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 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; will stand out 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. 1/4 lb., \$1.00 lb.

SIBERIAN. This variety is extensively grown as Winter Greens; sown in 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. 1/4 lb., 80 cts. lb.

We can also supply the following standard varieties of Kale, which are too well known to need description, at the uniform price of 10 cts. pkt., 20 cts. oz., 50 cts. 1/4 lb., \$1.50 lb.:
Cottager's, New Dwarf Very Early,
Half Dwarf Fringed, Dwarf Green Curled or Purple.



DWARF GREEN CURLED SCOTCH KALE



Ger., *Lattich*.—Fr., *Laitue*.—Span., *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 to middle of August, Lettuce may be had in perfection the whole season.

apart and thin out the plants so they will stand one foot apart. This is easier than 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.

HEAD OR CABBAGE LETTUCE.

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 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., 30 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.00 lb.

BIG BOSTON. (See *Novelties*, page 14.) 15 cts. pkt., 35 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.50 lb.

SUNSET. (See *Novelties*, page 15.) 15 cts. pkt., 50 cts. oz., \$1.50 $\frac{1}{4}$ lb., \$4.00 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. $\frac{1}{4}$ lb., \$1.50 lb.

BLACK SEEDED BUTTER. Similar to Tennis Ball, but larger. Used extensively as an outdoor variety. 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ 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. $\frac{1}{4}$ lb., \$1.50 lb.

HANSON. We can recommend this as one of the very best. Outer leaves bright green, with prominent light-colored veins; inner leaves white, and usually curved and twisted at the base. Extensively grown by market gardeners and truckers as it is always sure to make large, handsome heads of excellent quality. 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

SALAMANDER. One of the best for summer use, forming good-sized, compact heads. Color, light green outside and white inside. Its great merit, however, is that it will remain longer in head, and stand a greater amount of heat without burning or running to seed than any other variety. These desirable

qualities have been thoroughly proven in our trial grounds, and we recommend it to all, especially in the Southern States, where it is invaluable. 10c. pkt., 20c. oz., 50c. $\frac{1}{4}$ lb., \$1.50 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. $\frac{1}{4}$ lb., \$1.50 lb.

GOLDEN QUEEN. (See *Novelties*, page 14.) 15 cts. pkt., 35 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.50 lb.

BOSTON MARKET. This variety can be planted so close and is so well adapted for the purpose that it is now more generally used for forcing in greenhouses and hot-beds than any other. It grows very compact and forms fair-sized heads, slightly tinged with red on the edge of the leaves. It is also one of the best early varieties for outdoor use. 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ 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 greenhouses. 5 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

We can also supply the following varieties of Head Lettuce, which are too well known to need description, at the uniform price of 5 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.:

Brown Dutch. All the Year Round,
Large White Summer Cabbage, Wheeler's Tom Thumb,
Defiance, Summer, Deacon
Early Prize Head, Deacon

COS, ROMAINE, OR CELERY LETTUCE.

PARIS WHITE COS. The Cos Lettuce differs entirely in shape from the other varieties, the head being elongated and of conical form, eight or nine inches in height, and five or six inches in diameter. The outer coloring of this variety is yellowish green. To be had in perfection it requires to be tied up to insure its blanching. Millions of this variety are annually grown to supply the markets of London alone. 5 cts. pkt., 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

"TRIANON." (See *Novelties*, page 15.) 15 cts. pkt., 60 cts. oz., \$2.00 $\frac{1}{4}$ lb.

LETTUCE—Continued.

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. There is considerable demand for a Lettuce which produces leaves plentifully in the young state and will also form a good head, and to those who want such a Lettuce, we confidently recommend the Black Seeded Simpson. It forms a large, thin and exceedingly tender leaf, and for such who desire a large, loose head this is the best variety, either for forcing or sowing out-of-doors, though on account of its large size it is, under some circumstances, not so profitable for forcing as a strictly forcing kind. The leaves are a delicate golden yellow, and it stands the summer heat splendidly. (See *cul.*) 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

We can also supply the following standard varieties of Lettuce, which are too well known to need description, at the uniform price of 5 cts. per pkt., 20 cts. per oz., 50 cts. per $\frac{1}{4}$ lb., \$1.50 per lb.:

Boston Curled, Green Fringed or California Curled, Oak-Leaved.

LEEK.

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

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

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 8 cts. per lb. **PERPETUAL.** (See *Novelties*, page 6.) 15 cts. pkt., 75 cts. oz.

LARGE AMERICAN FLAG. This is by far the best variety. It grows to a good size and is wonderfully uniform. This is preferred by our most critical market gardeners in the vicinity of New York, and we can recommend it to all. (See *cut.*) 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., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.

Large Roman. A large and excellent variety. 10 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 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.; by mail, 95 cts.

NASTURTIUM, or INDIAN CRESS.

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

If by mail in quantities of $\frac{1}{2}$ 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. $\frac{1}{4}$ lb., \$1.50 lb. | Dwarf Nasturtium. 5 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.

OKRA, or GUMBO.

German *Esobarer*.—French, *Gombo*.—Spanish, *Quiñombo*.

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

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

WHITE VELVET. The pods are round and smooth, and are much larger than those of any other Okra, are never prickly to the touch and are produced in the greatest abundance. 10 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.

Dwarf Prolific. A very early variety, with long, slender pods. Very dwarf and productive. 5 cts. pkt., 15 cts. oz., 40 cts. $\frac{1}{4}$ lb., \$1.00 lb.

DWARF WHITE. 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb. **Improved Dwarf Green.** Early and productive. 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.

Long Green. Long ribbed pods. 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.



BLACK SEEDED SIMPSON LETTUCE.

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 greenhouse 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 $\frac{1}{4}$ 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. $\frac{1}{4}$ lb., 40 cts. lb.

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

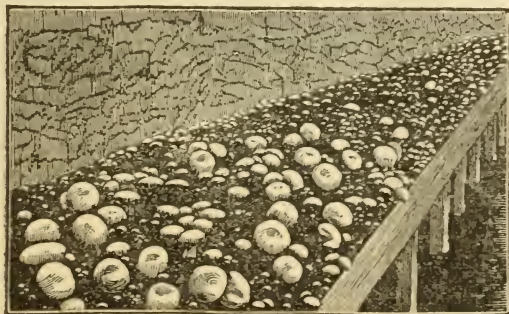
New Chinese. Leaves twice the size of the ordinary white Mustard; stems more succulent, of deeper green; flavor pleasantly sweet and pungent. 10 cts. oz., 30 cts. $\frac{1}{4}$ lb., \$1.00 lb.

MARTYNIA.

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

Martynia Proboscidea. 10 cts. pkt., 30 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 lb.



MUSHROOMS.

→ MELONS.—MUSK. ←

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

1 oz. for 60 hills; 2 to 3 lbs. in hills for an acre.



EMERALD GEM MUSK MELON.

EMERALD GEM. This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter colored stripes. Recommended to those who wish a very high flavored fruit. (See *cut.*)

NEW EARLY HACKENSACK. We were the first to distribute generally throughout the country the now famous Hackensack. This New Early is a selection or improvement almost equal in size to the Hackensack, and at least ten days earlier. Several years' thorough trial has proven it to be the best as well as the earliest of all the netted melons. The melons weigh from four to ten pounds each, and are of delicious flavor. 15 cts. pkt., 40 cts. oz., \$1.25 $\frac{1}{4}$ lb., \$3.00 lb.

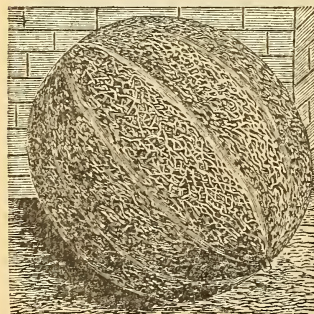
DELMONICO. This handsome melon was first offered by us in 1889, and is already one of the most popular varieties. It is oval shaped, of large size, finely netted and has beautiful orange pink flesh. Pronounced by all who have seen and tasted it to be the beau ideal Musk Melon for table use. (See *cut.*) 10 cts. pkt., 20 cts. oz., 60 cts. $\frac{1}{4}$ 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. 10 cts. pkt., 20 cts. oz., 40 cts. $\frac{1}{4}$ lb., \$1.25 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., 40 cts. $\frac{1}{4}$ lb., \$1.25 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. $\frac{1}{4}$ 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. $\frac{1}{4}$ lb., \$1.25 lb.



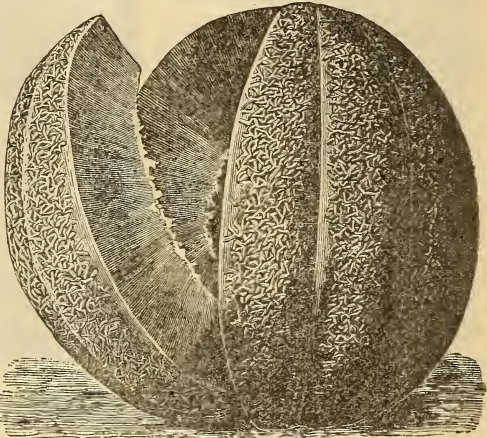
IMPROVED NUTMEG MUSK MELON.

Melons thrive best in a moderately enriched light soil; the hills should be from three to six feet apart each way, according to the richness of the soil. If soil is poor or sandy, plant at four feet. Previous to planting, incorporate well with 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 abundantly 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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

'**SANTA CLAUS.**' New winter variety. (See *Novelties*, page 11.) 25 cts. pkt., 5 pkts. for \$1.00.
THE BANQUET. (See *Novelties*, page 11.) 15 cts. pkt., 50 cts. oz., \$1.75 $\frac{1}{4}$ lb., \$8.00 lb.

THE NEWPORT. One of the largest market gardeners in the vicinity of New York has for years grown a Musk Melon that in general appearance did not differ from the Hackensack except that it was a little smaller. All that he could raise of this variety has been taken at high prices by the most select hotels in New York, Newport and Boston. The Newport melon while small is very deep fleshed and of a dark green color. The Newport stands in the same relation to the green-fleshed melons as the "Banquet" does to the red-fleshed, in every respect the best. 15 cts. pkt., 8 pkts. for \$1.00.



DELMONICO MUSK MELON.

Netted Gem. One of the earliest, best and most prolific small melons. Globe-shaped, uniform in size, weighing from $1\frac{1}{2}$ to $1\frac{1}{4}$ lbs. each. Flesh light green and of very fine flavor. 10 cts. pkt., 25 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

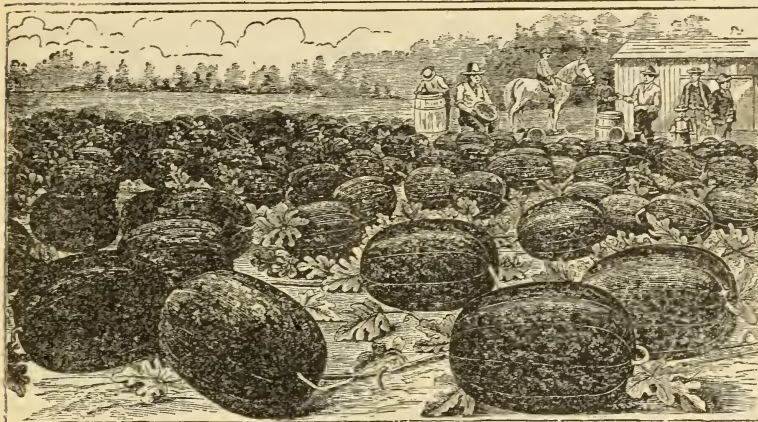
Improved Christiana. A very early variety of peculiar flavor, relished by many people. Its chief merit is its extreme earliness. Flesh bright orange. 5 cts. pkt., 15 cts. oz., 35 cts. $\frac{1}{4}$ lb., \$1.00 lb.

Jenny Lind. A popular small early variety, flattened at each end, ribbed and closely netted. Flesh green and of excellent flavor. Largely grown in the South for early shipment to the Northern markets. 5 cts. pkt., 15 cts. oz., 40 cts. $\frac{1}{4}$ lb., \$1.25 lb.

Improved Nutmeg. Fruit nutmeg shape; skin deep green, finely netted; flesh greenish yellow, rich and sugary. 5 cts. pkt., 15 cts. oz., 40 cts. $\frac{1}{4}$ lb., \$1.25 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. 5 cts. pkt., 15 cts. oz., 30 cts. $\frac{1}{4}$ lb., \$1.00 lb.

We can also supply the following standard varieties of Musk Melon, which are too well known to need description, at the uniform price of 5 cts. pkt., 15 cts. oz., 30 cts. $\frac{1}{4}$ lb., \$1.00 lb.: California Nectar, White Japan, Large Yellow Cantaloupe, Ward's Nectar Banana, Casaba, Surprise, Miller's Cream or Princess.



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 Muskmelons, except that the hills should be just double the distance apart, namely, eight and ten feet.

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

The Jones. (See Novelties, page 5.) 15 cts. pkt., 8 pkts. for \$1.00.

FLORIDA FAVORITE One of the largest and best in cultivation. Being several days earlier than Kolb's Gem, it will succeed in a latitude far north of that popular variety. It attains an enormous size; the flesh is a beautiful clear crimson, extending close up to the rind, which is hard, thin, and beautifully mottled light and dark green. The shape is oblong, the flavor is sweet and melting, making it one of the best in cultivation. 10 cts. pkt., 20 cts. oz., 40 cts. 1/2 lb., \$1.25 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 1/4 to 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. 1/2 lb., \$1.25 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. 1/2 lb., \$1.25 lb.

Colorado Preserving. The preserving qualities of this distinct variety are of the very best; weight, 15 to 40 lbs. each. 10 cts. pkt., 15 cts. oz., 40 cts. 1/2 lb., \$1.25 lb.

ICE CREAM (White Seeded). This is one of the best for growing in the latitude of N. Y. In shape it is almost round, the skin is light green, slightly mottled, flesh bright scarlet and very solid. It attains only a medium size, but its delicious flavor leaves nothing to be desired. 5 cts. pkt., 10 cts. oz., 25 cts. 1/2 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. 1/2 lb., \$1.25 lb.

KOLB'S GEM. Largely grown, particularly in the South, for shipment to Northern markets. As a shipping melon it has hardly an equal. The fruit is nearly round; rind dark green, somewhat marbled with lighter shades. Weight, 25 to 60 lbs. (See cut.) 5 cts. pkt., 10 cts. oz., 25 cts. 1/2 lb., 75 cts. lb.

MOUNTAIN SWEET. Fruit oblong, dark green, rind thin, flesh red, solid and very sweet. 5 cts. pkt., 10 cts. oz., 25 cts. 1/2 lb., 75 cts. 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. 10 cts. pkt., 25 cts. oz., 75 cts. 1/2 lb., \$2.00 lb.

SEMINOLE. In shape, this is oblong, slightly tapering at the ends. One of the claims of the grower, which we have proved by testing, is that it is solid, ripening clear up to the rind. It is

one of the largest in cultivation and is very prolific. The prevailing color of the fruit is grayish green, though on the same vine many will be found of a darker shade. The flavor is excellent; in a word, it is one of the best in cultivation, in every respect. 10 cts. pkt., 20 cts. oz., 40 cts. 1/2 lb., \$1.25 lb.

THE VOLGA. This, as its name implies, is of Russian origin, and deserves the popularity it has gained. It is perfectly round in shape, averaging about 15 lbs. in weight. The color of the skin is light green, slightly mottled, and, although thin, is very hard. One of its most valued qualities, especially for our northern customers, is its hardness, as it will succeed as far north as Montreal. The color of the flesh is bright red and is of a delicious melting flavor. (See cut.) 10 cts. pkt., 15 cts. oz., 50 cts. 1/2 lb., \$1.50 lb.

Citron Preserving. Fruit round, handsome and small; used in making preserves only. 10 cts. pkt., 15 cts. oz., 40 cts. 1/2 lb., \$1.25 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 1 1/2 inch of the outer rind. Price, 10 cts. pkt., 40 cts. oz., \$1.25 1/2 lb.



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

We can also supply the following standard varieties of Water Melon, which are too well known to need description, at the uniform price of 5 cts. pkt., 10 cts. oz., 25 cts. 1/2 lb., 75 cts. lb.:

- | | | | | |
|--------------------------|--------------|-----------------------|---------------------------------|-------------|
| Mountain Sprout, | Cuban Queen, | Mammoth Ironclad, | California, or Improved Odella, | The "Boss," |
| Dark Icing, or Ice Rind, | Light Icing, | Pride of Georgia, | Black Spanish, | Scaly Bark, |
| | Orange, | Gypsy or Rattlesnake, | Phinney's Early, | |

ONION SEED.

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

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

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 8 cents per lb. 1 oz. for 100 feet of drill; 5 or 6 lbs. in drills for an acre.

WHITE BUNCH. 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. $\frac{1}{4}$ lb., \$1.75 lb.

TREBONS. 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., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.25 lb.

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., 50 cts. per oz., \$1.50 per $\frac{1}{4}$ lb., \$5.00 per 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.

Fale Red. 10 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.

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

I have just dug 109 $\frac{1}{2}$ lbs (actual weight) of Late Puritan Potatoes from 1 lb. of seed bought of you last spring. They were as fine as I ever saw.—S. A. STRUMS, Ohio.
Sept. 26, '91.

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., \$2.50 lb.

QUEEN. This is a very early Onion; 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., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

GIANT ROCCA. (See cut.) Very large growing globe-shaped variety, of a reddish brown color. Flavor mild and sweet. 10 cts. pkt., 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 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. 10 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 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.

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



GIANT ROCCA

WHITE TRIPOLI

LARGE RED ITALIAN TRIPOLI

PRICE TABLE

— ONION — Continued. —

**SOUTHPORT
YELLOW GLOBE**



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SOUTHPORT WHITE GLOBE.
Handsome globular Onion, of mild flavor; good keeper. One of the best. (See cut.) 10 cts. pkt., 25 cts. oz., 80 cts. $\frac{1}{4}$ lb., \$2.75 lb.

LARGE RED GLOBE. With the exception, perhaps, of some of the white varieties there is no onion that realizes such large prices as this, its beautiful globe shape and rich purplish crimson color making it extremely desirable. The Large Red Globe is a good keeper and of excellent quality. (See cut.) 10 cts. pkt., 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 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., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

**SOUTHPORT
WHITE GLOBE**



Copyrighted, 1891, by Peter Henderson & Co.

YELLOW GLOBE DANVERS.

This is the standard variety everywhere, its uniform shape and bright yellow color and fine quality commending it to all. Yellow Globe Danvers is an excellent keeper and is one of the most desirable sorts for either the professional or amateur gardener. (See cut.) 5c. pkt., 25c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb. In lots of 5 lbs., \$1.85 per lb.

ROUND YELLOW DANVERS. An early variety, good keeper and excellent market sort. Good size; has a thin yellow skin. (See cut, page 34.) 5c. pkt., 25c. oz., 60c. $\frac{1}{4}$ lb., \$1.90 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., 25 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb.

**RED
WETHERSFIELD.**



Copyrighted, 1891, by Peter Henderson & Co.

Extra Early Flat Red. A light colored Onion, good keeper, the earliest of all. 5 cts. pkt., 20 cts. oz., 40 cts. $\frac{1}{4}$ lb., \$1.40 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. $\frac{1}{4}$ lb., \$1.50 lb. In lots of 5 lbs., \$1.40 per lb.

WHITE PORTUGAL OR SILVER SKIN. One of the leading sorts of white flat Onion. A most excellent keeper and good yielder. Largely grown for pickling. (See cut, page 34.) 10 cts. pkt., 40 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.50 lb.

LARGE RED GLOBE.



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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. 35 cts. qt., \$2.50 pk.

Garlic Sets. 40 cts. lb.

WHITE MULTIPLIER. An Onion of pure white silvery color, and very hardy. White Onion seed is usually high priced, hence the advantage of a white "Multiplying" Onion of this kind. Very useful for pickling. The New White Multiplier Onion is enormously productive, and its handsome appearance will make it very profitable to grow. Price of sets, 50 cts. per pt., 75 cts. per qt., \$4.00 per peck

NEW WHITE TOP ONION. (See Novelties, page 5.) 60 cts. $\frac{1}{2}$ pint, \$1.00 pint.

YELLOW GLOBE DANVERS



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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.

HENDERSON'S HOLLOW CROWNED.

We believe this is the finest stock of Parsnip that can be procured. The roots run of uniform size, and are as smooth as if turned out in a lathe.

The growing taste for this delicious vegetable will make this improved strain particularly desirable. (See cut.) 10 cts. pkt., 20 cts. oz., 30 cts. $\frac{1}{4}$ lb., 65 cts. lb. Long Smooth. A fine flavored variety. 5 cts. pkt., 15 cts. oz., 25 cts. $\frac{1}{4}$ lb., 60 cts. lb. Early Round. An early variety, but of small size. 5 cts. pkt., 15 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.

PARSLEY.

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

1 oz. or 150 feet of drill.

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

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

PLAIN PARSLEY. The leaves of this sort are plain; it is harder than the curled variety. 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.

PEPPER.

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

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

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

COUNTY FAIR. (See *Novelties*, page 14.) 15 cts. pkt., 8 pkts. for \$1.00.

CARDINAL (See *Novelties*, page 14.) 10 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. A single plant has been known to produce as many as 1,000 peppers. 10 cts. pkt., 40 cts. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.

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 $\frac{1}{4}$ lb., \$3.00 lb.

LONG RED CAYENNE. The variety of commerce. Pods small, cone-shaped; scarlet red when ripe. Quite a late variety; it the pods are as frequently used for pickling green as when ripe. 10 cts. pkt., 35 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 lb.

CHILD'S CELESTIAL. Creamy white changing to vivid scarlet. 10 cts. pkt., 40 cts. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.

RUBY KING. (See cut.) An exceedingly large and handsome Pepper of mild flavor; the fruits are of a bright ruby red, from $4\frac{1}{2}$ to 6 ins. long by 9 to 12 ins. in circumference. It can be sliced for salad or eaten with salt and vinegar like tomatoes and cucumbers. 10 cts. pkt., 40 cts. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.

SWEET SPANISH. One of the largest and earliest varieties; the flesh is sweet and mild. 10 cts. pkt., 35 cts. oz., \$1.00 $\frac{1}{4}$ 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. 10 cts. pkt., 35 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 lb.

GOLDEN DAWN. Of same shape and size as the Large Bell, but of more delicate flavor; color, yellow. 10 cts. pkt., 35 cts. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 lb.

We can also supply the following standard varieties of Pepper, which are too well known to need description, at the uniform price of 5 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.

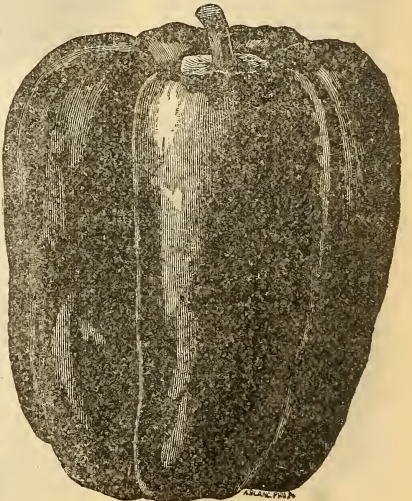
Squash, or Tomato-Shaped.

Cranberry, Cherry Red,

Long Yellow Cayenne, Oxheart



HENDERSON'S EMERALD PARSLEY.



RUBY KING PEPPER.

PEAS—Extra Early.

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

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

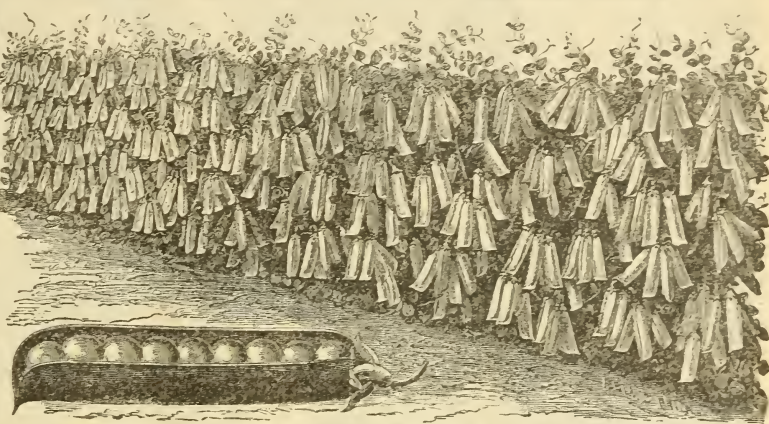
Our trial of Peas is probably the most extensive on this side of the Atlantic, and it enables us to discard inferior sorts, and to offer in the following list only the best varieties. Peas come earliest to maturity in light, rich soil. For general crop, a deep loam or a soil strongly inclining to clay is best. For early crops decomposed leaves or leaf mold should be used, or if the soil is very poor, stronger manure may be used. For general crops a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, Peas are never staked, and are sown in single rows, two or three inches deep, and from two to three feet apart, according to variety or 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 149 of this catalogue. For an early crop sow in February, March or April, according to latitude, as soon as the ground can be worked, and make repeated sowings every two weeks for succession. After the first of June sowing should be discontinued until the middle of August, when a good crop may sometimes be secured by sowing an extra early sort for fall use.

DWARF EXTRA EARLY PEAS

¾ to 1½ ft. 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. (See cut.) 20 cts. pt., 30 cts. qt., \$1.50 peck, \$5.00 bushel.

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 bushel.



EXTRA EARLY PEA, HENDERSON'S FIRST OF ALL.

- Tom Thumb.** Remarkably dwarf and early, of excellent quality, and yields abundantly. Height, 1 foot. 20 cts. pt., 35 cts. qt., \$1.75 peck, \$6.00 bushel.
- * **AMERICAN WONDER.** 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. 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, \$6.50 bushel.
- * **CHELSEA.** (See *Novelties*, page 8.) Height, 1 foot. 10 cts. pkt., 35 cts. qt., 60 cts. pt.
- * **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 bushel.
- * **PREMIUM GEM.** 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 bushel.

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

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 dwarfer 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 consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Henderson's First of All in private gardens. This variety is sent out only in sealed packages and bags. (See cut.) 20 cts. pt., 30 cts. qt., \$1.25 peck, \$4.50 bushel.

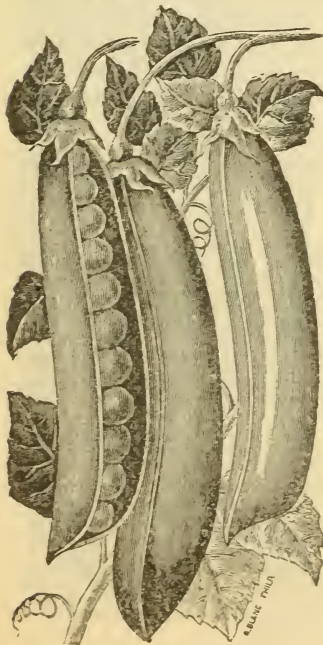
ALASKA. The earliest blue Pea. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable Pea for market gardeners. Height, 2 feet. 20 cts. pt., 30 cts. qt., \$1.25 peck, \$4.50 bushel.

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

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

* **LAXTON'S ALPHA.** The earliest of all the medium height wrinkled Peas, of fine quality and very prolific; pods large and well filled. Height, 3 feet. 20 cts. pt., 30 cts. qt., \$1.75 peck, \$6.00 bushel.

* **THE ADMIRAL.** Heaviest cropping early Pea extant. This wrinkled variety grows to a height of from 3¼ 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. 30 cts. pt., 50 cts. qt., \$3.00 pk.



PEA, BLUE BEAUTY.

PEAS, MEDIUM EARLY.

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

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.



FILLBASKET PEAS.

SECOND EARLY PEAS OF MEDIUM HEIGHT. (2½ to 3 feet.)

Those marked thus * are wrinkled varieties.

* **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., 25 cts. qt., \$1.40 pk., \$4.75 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.

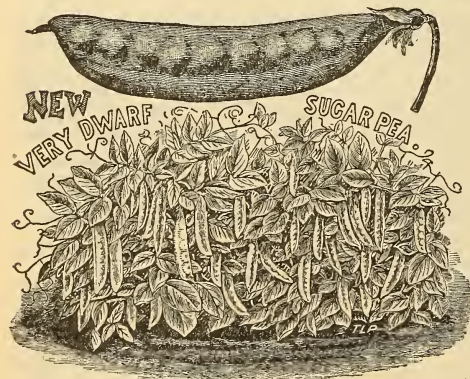
FILLBASKET. This variety is one of the best second early Peas in cultivation; dwarf growing; of excellent flavor. (See cut.) 20 cts. pt., 30 cts. qt., \$1.75 peck, \$6.50 bushel.

* **THE HEROINE.** (See cut and description, page 8.) 10 cts. per pkt., 35 cts. per pt., 60 cts. per qt.

* **SEROPSHIRE 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, 35 cts. per pt., 60 cts. per qt., \$3.50 per peck.

* **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, producing 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, 35 cts. per pt., 60 cts. per qt., \$3.50 per peck.

EDIBLE PODDED OR SUGAR PEAS.



NEW VERY DWARF SUGAR PEA. (Edible pods.) 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 etaking as other Sugar Peas do. (See cut.) 15 cts. per pkt., 40 cts. per ½ pt., 75 cts. per pt., \$1.25 per 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 ft. 25 cts. pt., 40 cts. qt., \$2.50 pk., \$8.00 bu.

DWARF SUGAR. (Edible pods.) Similar to the last. Height, 3 ft. 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. 40 cts. pt., 75 cts. qt., \$4.00 peck.

PEAS, LATE OR MAIN CROP.

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. 20 cts. pt., 35 cts. qt., \$2.50 peck, \$9.00 bush.

EVER-BEARING. A continuous bearing variety, which gives it especial value for late summer and autumn use. Height, 2 feet, foliage large. Pods, 3 to 4 inches long, producing 6 to 8 large wrinkled peas, half an inch and over in diameter; quality unsurpassed. It should be sown considerably thinner than other kinds, else the vines will become too crowded. 20 cts. pt., 35 cts. qt., \$1.75 peck, \$8.00 bush.

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. 20 cts. pt., 35 cts. qt., \$2.00 peck, \$7.00 bush.

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,

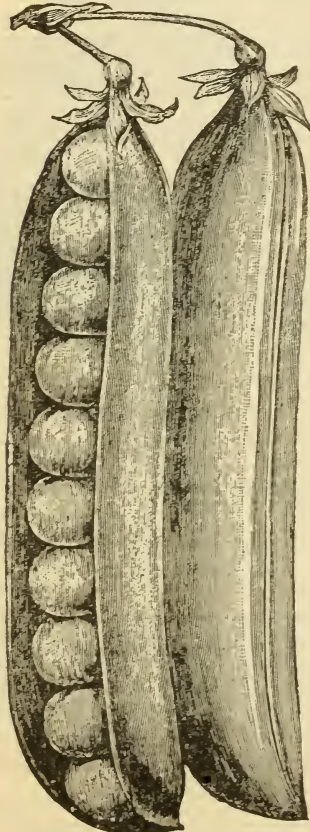
2½ feet. 15 cts. pt., 25 cts. qt., \$1.50 peck, \$5.00 bush.

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 bush.

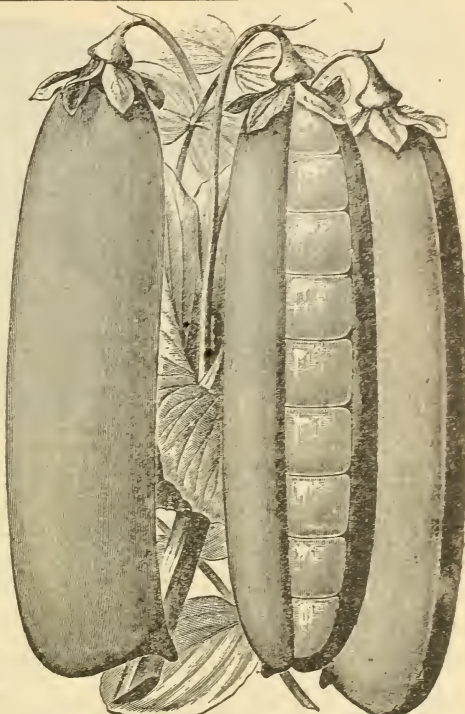
GLADIATOR. (See *Novelties*, page 8.) 10 cts. pkt., 35 cts. pt., 60 cts. qt.

***THE MAYOR.** A variety of great merit. It grows to a uniform height of about 3 feet, is very prolific, the pods are large and tightly filled with 7 to 10 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, 35 cts. pt., 60 cts. qt., \$3.50 peck.

EVOLUTION. (See *Novelties*, page 8.) 10 cts. pkt., 35 cts. pt., 60 cts. qt.



PEA, TELEPHONE.



SANDER'S MARROW PEA.

are large and tightly filled with 7 to 10 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, 35 cts. pt., 60 cts. qt., \$3.50 peck.

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 tall varieties. 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 bush.

***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. (See *cut*.) 20 cts. pt., 35 cts. qt., \$2.00 peck, \$7.00 bush.

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

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

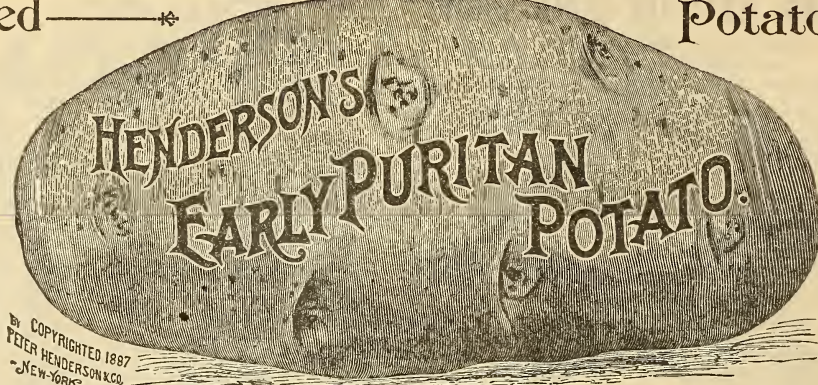
***FORTY-FOLD.** An improved variety of the Champion of England. 15 cts. pt., 25 cts. qt., \$1.50 peck, \$5.50 bush.

We can also supply the following standard varieties of Peas, which are too well known to need description, at the uniform price of 15 cts. pt., 25 cts. qt., \$1.15 peck:

Rural New Yorker.	White Marrowfat.	First and Best.
Black-eyed Marrowfat.		Blue Imperial.

Seed

Potatoes.



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.

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.

ROCHESTER ROSE. (See *Novelties*, page 7.) \$1.00 peck, \$3.00 bush., \$6.00 bbl.

HENDERSON'S EARLY PURITAN. Awarded the medal of excellence at the American Institute Fair in 1888. (See *cat.*) 70 cts. peck, \$2.00 bushel, \$4.00 bbl.

VANGUARD. The earliest variety. The skin is the same color as the Early Rose, indented with few and shallow eyes; flesh white and mealy. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

EARLY ROSE. The leading variety for earliness, quality and productiveness. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

EARLY SUNRISE. Very early and productive. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

EARLY MAINE. Claimed to be an earlier and a better cropper than the Early Rose, and smoother and more regular in shape. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

BEAUTY OF HEBRON. One of the best early sorts; productive and of excellent flavor; a good keeper; pure white skin and flesh. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

EARLY OHIO. Tubers almost round; flesh solid; cooks dry and mealy; very early. 60 cts. peck, \$2.00 bush., \$3.75 bbl.

CLARKE'S No. 1. Earlier than the Early Rose, and very productive. Cooks mealy. 60 cts. peck, \$1.75 bush., \$3.50 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. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

PEARL OF SAVOY. Is certainly very early and productive. The tubers are oblong and of large size; the flesh pearly white and mealy. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

TEORBURN. 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. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

EXTRA EARLY VERMONT. In general appearance similar to the Early Rose, but said to be harder and more productive. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

TRIUMPH. As an early variety this has given great satisfaction, particularly in the South. Very productive and of excellent quality. 60 cts. peck, \$2.00 bush., \$3.75 bbl.

CHAS. DOWNING. Oval, oblong form and pure white color. One of the earliest sorts, of splendid quality. Enormously productive. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

MEDIUM EARLY VARIETIES.

SNOWDROP. (See *Novelties*, page 7.) \$1.00 peck, \$3.00 bush., \$6.00 bbl.

RURAL NEW YORKER No. 2. Large and smooth variety, of excellent quality; white skin and flesh, with few and shallow eyes. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

RURAL BLUSH. An excellent variety, having a beautiful blush skin. It is of first-rate quality and cooks through dry and evenly. A very heavy yielder. 60c. peck, \$1.75 bush., \$3.50 bbl.

DELAWARE. Medium early; oblong, pure white and rough skinned; good quality. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

MAIN CROP VARIETIES.

RESTAURANT. (See *Novelties*, page 7.) \$1.00 peck, \$2.00 bush., \$6.00 bbl.

LATE PURITAN. (See *Novelties*, page 7.) \$1.00 peck, \$3.00 bush., \$6.00 bbl.

MONROE SEEDLING. A fine late variety resembling Superior, and an excellent keeper. 60 cts. peck, \$2.00 bush., \$3.75 bbl.

SUPERIOR. A seedling from White Star. A very fine, late, white skinned, kidney-shaped variety; a heavy cropper and a good keeper. 60 cts. peck, \$2.00 bush., \$3.75 bbl.

PRIDE OF THE WEST. A flatish-round, red variety; very large; eyes deep but few. The quality is unequaled; medium late; unusually strong grower, and considered to be the heaviest cropper in America. 60 cts. peck, \$2.00 bush., \$3.75 bbl.

BILL NYE. A valuable new white kidney variety. It is very smooth and handsome, eyes unusually shallow. 60 cts. peck, \$2.00 bush., \$3.75 bbl.

EMPIRE STATE. A main crop variety, wonderfully productive. The skin is white and smooth, flesh pure white, of fine flavor, and cooks very evenly. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

ST. PATRICK. Handsome, smooth and regular; oblong in shape, with very few and shallow eyes. It is a large yielder and of the first quality. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

MORNING STAR. A late sort, of better quality than most of the heavy croppers. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

JUMBO. A heavy yielder. Exceptionally free from rot, and one of the best keepers. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

WHITE ELEPHANT. Late, large, good quality and enormously productive. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

WHITE STAR. Large cropper; cooking qualities of the best, a good keeper. 60 cts. peck, \$1.75 bush., \$3.50 bbl.

Special Prices for large quantities of Potatoes on application.

PUMPKIN.

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

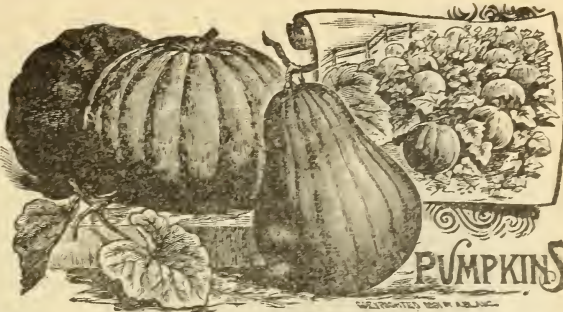
Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills 3 feet apart.

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

CALHOUN. (See *Novelties*, page 15.) 15 cts. pkt., 50 cts. oz., \$1.75 $\frac{1}{2}$ lb., \$6.00 lb.

JONATHAN. A large bottle-shaped variety, with a crook neck; of most attractive appearance. It is very prolific and the flesh is fine, clear and sweet, making it valuable for pies and other table uses. Its hard shell makes it an excellent keeper. (See *cut*.) 10 cts. pkt., 30 cts. oz., \$1.00 $\frac{1}{2}$ lb., \$3.00 lb.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 pounds. 10 cts. pkt., 25 cts. oz., 50 cts. $\frac{1}{2}$ pound, \$1.50 lb.



LARGE CHEESE. A well-known variety, its fine flesh and rich color making it valuable for pies and table use, while its productiveness renders it useful for stock feeding. Where only one variety is needed the Cheese should always be planted. 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{2}$ lb., 60 cts. lb.

JUMBO. This is the variety to be grown where "the biggest pumpkin" is wanted. We have seen specimens weighing 250 pounds. The color of skin is a deep yellow, the flesh being of a lighter shade. Notwithstanding its enormous size it is delicious in quality and generally desirable. 10 cts. pkt., 25 cts. oz., 50 cts. $\frac{1}{2}$ lb., \$1.50 lb.

We can also supply the following standard varieties of Pumpkin, which are too well known to need description, at the uniform price of 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{2}$ lb., 60 cts. lb.

Nantucket, Connecticut Field, Cashaw, Sugar.

✻ RHUBARB. ✻

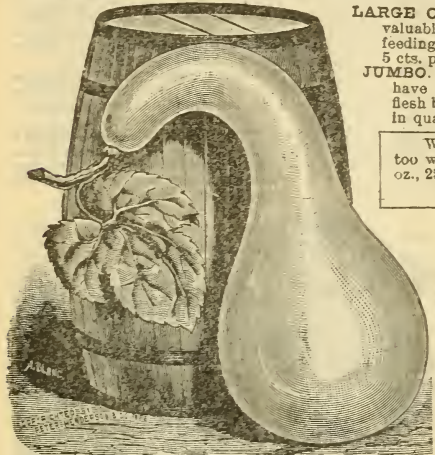
German, *Rhubarber*.—French, *Rhubarbe*.—Spanish, *Ruibarbo Bastardo*.

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

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 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. 50 cts. pkt., 75 cts. oz., \$2.50 $\frac{1}{2}$ lb. Victoria. Very large; later than the Linnaeus. 10 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{2}$ lb., \$2.50 lb.

Linnaeus. Early and tender. 10 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{2}$ lb., \$2.50 lb. For price of Rhubarb Roots, see *Vegetable Plants*, page 47.



JONATHAN PUMPKIN.

✻ 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 8 cts. per lb.

Early Long Radishes.

BRIGHTEST SCARLET. (See *Novelties*, page 5.) 15 cts. pkt., 40 cts. oz., \$1.00 $\frac{1}{2}$ lb.

CELESTIAL. It is ready for use when $2\frac{1}{2}$ or 3 inches long and continues until nearly 6 inches long, making it almost an all season's Radish. The flesh is firm, solid and pure white, skin creamy white, and is very attractive in appearance. 10 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{2}$ 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. $\frac{1}{2}$ lb., 65 cts. lb.

Winter Radishes.

GRAY LONG WINTER. An exceedingly fine winter variety; good keeper and of a gray color. 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{2}$ lb., 75 cts. lb.

ROSE CHINA WINTER. Bright rose color; flesh firm and piquant; fine for winter use. 5c. pkt., 10 cts. oz., 25 cts. $\frac{1}{2}$ lb., 75 cts. lb.

LONG BLACK SPANISH. One of the hardest, and best for winter use. 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{2}$ lb., 75 cts. lb.

ROUND BLACK SPANISH 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{2}$ lb., 75 cts. lb.

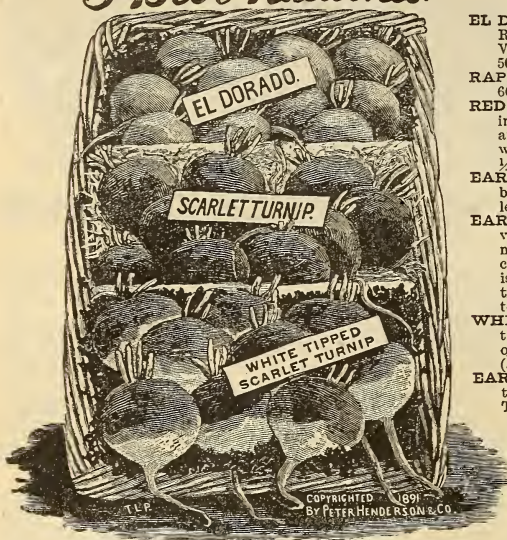
Long White Spanish. Rather milder in flavor than the Long Black Spanish. 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{2}$ lb., 75 cts. lb.

CALIFORNIA MAMMOTH WHITE WINTER. A white-fleshed Radish of excellent quality. 5 cts. pkt., 10 cts. oz., 30 cts. $\frac{1}{2}$ lb., \$1.00 lb.

THE "SANDWICH." 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. We can recommend it to market gardeners as well as to private planters. (See *cut*.) 10 cts. per pkt., 30 cts. per oz., 75 cts. per $\frac{1}{2}$ lb.



3 Best Radishes.



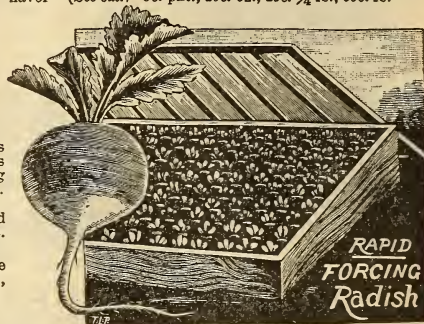
RADISHES—Continued.

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., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.50 lb.
- RAPID FORCING.** (See *Novelties*, page 5.) 10 cts. pkt., 20 cts. oz., 60 cts. $\frac{1}{4}$ lb., \$2.00 lb. (See cut.)
- 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. 10c. pkt., 20c. oz., 40c. $\frac{1}{4}$ lb., \$1.00 lb.
- EARLY ROUND DARK RED.** This is, without doubt, the best variety in cultivation for general use, having all the qualities necessary to recommend it. It is medium in size, rich dark red in color, the root is clean and smooth, and the top is small. There is no radish in cultivation that remains fit for use for so long a time. Our trials have always proved it to be the last early variety to get pithy. 10 cts. pkt., 15 cts. oz., 30 cts. $\frac{1}{4}$ lb., 65 cts. lb.
- WHITE TIPPED SCARLET TURNIP.** No radish looks better on the table than this. It is bright scarlet in color, gradually fading off to pure white at the base, and is tender, mild in flavor and early. (See cut.) 5 cts. pkt., 15 cts. oz., 30 cts. $\frac{1}{4}$ lb., 65 cts. lb.
- EARLY SCARLET TURNIP.** For first and successive sowing in the open ground, we can strongly recommend this old favorite. The root is of medium size, bright scarlet in color, and in quality is certainly unsurpassed, being always mild and pleasant in flavor (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 65c. lb.

Early Olive-shaped Radishes.

- RED ROCKET.** A small, bright scarlet, olive-shaped variety. Radishes are best when grown quickly; this variety matures outdoors in 22 days from time of sowing, and is always mild and delicious in flavor. Having small tops, it can be grown very closely and is invaluable for forcing. 10 cts. pkt., 20 cts. oz., 40 cts. $\frac{1}{4}$ lb., \$1.00 lb.
- FRENCH BREAKFAST.** A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet tipped with white. 5 cts. pkt., 15 cts. oz., 25 cts. $\frac{1}{4}$ lb., 65 cts. 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.



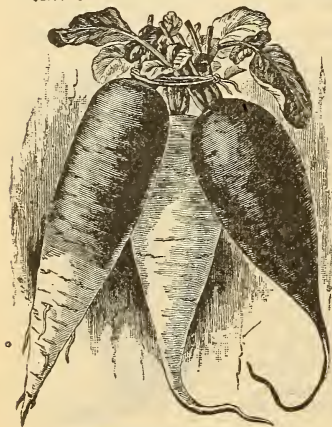
(Copyrighted, 1889, by Peter Henderson & Co.)

Summer Radishes.

- LONG WHITE VIENNA (Lady Finger).** 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.
- WHITE SUMMER TURNIP.** Excellent for summer use; of mild flavor. 5 cts. pkt., 10 cts. oz., 20 cts. $\frac{1}{4}$ 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. $\frac{1}{4}$ 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. (See cut.) 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 65 cts. lb.
- BECKER'S CHARTER.** The color at top is crimson, running into pink at middle, and from thence downward is pure, waxy white. It will attain a very large size before it becomes unfit for use. (See cut.) 5c. pkt., 15c. oz., 35c. $\frac{1}{4}$ lb., \$1.00 lb.

We can also supply the following standard varieties, which are too well known to need description, at the uniform price of 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 65 cts. lb.:

- | | | |
|---------------------|-----------------------|---------------------|
| Early White Turnip, | Olive-shaped White, | Gray Summer Turnip, |
| Wood's Early Frame, | Olive-shaped Scarlet, | Long White Naples. |
| Long Purple, | | |



CHARTER. WHITE STRASBURG. WOOD'S EARLY FRAME.

SPINACH.

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

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

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

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8 cts. 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. 5 cts. pkt., 10 cts. oz., 20 cts. $\frac{1}{2}$ 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., 20 cts. $\frac{1}{2}$ lb., 40 cts. lb.

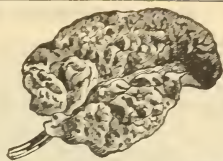
LONG STANDING. Except in the characteristic of standing a long time before running to seed, this variety in all other respects closely approaches the well-known Round Leaf. (See cut.) 5 cts. pkt., 10 cts. oz., 20 cts. $\frac{1}{2}$ lb., 40 cts. lb.

ROUND LEAF. Generally cultivated for winter use, being very hardy, standing our severest winters with little injury. 5 cts. pkt., 10 cts. oz., 20 cts. $\frac{1}{2}$ lb., 40 cts. lb.

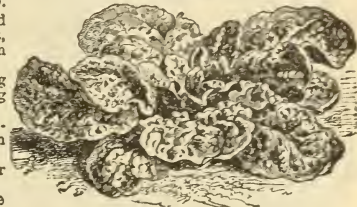
New Zealand. Produces leaves in great abundance throughout the summer; should be raised in heat and transplanted three feet apart each way into light rich soil. 5 cts. pkt., 15 cts. oz., 40 cts. $\frac{1}{2}$ lb., \$1.25 lb.

LARGE ROUND LEAF VIROFLAY. A newer sort with very large, thick leaves. 5 cts. pkt., 10 cts. oz., 20 cts. $\frac{1}{2}$ 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. 5 cts. pkt., 10 cts. oz., 20 cts. $\frac{1}{2}$ lb., 40 cts. lb.



LONG STANDING SPINACH.



SEA-KALE.

German, *Seeohl Meerkohl*.—French, *Crambe Maritime*.
Spanish, *Breton de Mar*.

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

10 cts. pkt., 30 cts. oz., \$1.00 $\frac{1}{2}$ lb., \$3.50 lb.
For Sea-Kale Roots, see page 47.

SORREL.

Broad Leaved. Used for Salads. 5 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{2}$ lb., \$1.50 lb.

SQUASH.

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

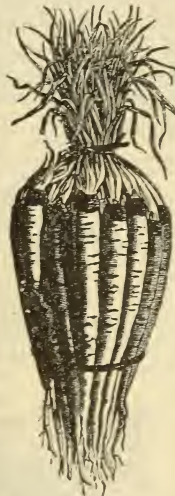
Bush sorts, 1 oz. for 50 hills. Bush varieties, 5 to 6 lbs., and running varieties, 3 to 4 lbs. in hills for an acre. If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8 cts. per lb.

Winter Varieties.

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 the 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., 25 cts. per oz., 60 cts. per $\frac{1}{2}$ lb., \$2.00 per lb.

EARLY PROLIFIC MARROW. This is our recent introduction, but its steadily increasing sale has placed it among the standard varieties. It has all the good qualities of the Winter Squashes, but is at least two weeks earlier. It is very prolific. Fruits are shaped somewhat like Boston Marrow and is of a beautiful orange color, suffused with light yellow. The rind is very hard, but thin, and the flesh is deep, fine-grained, and of delicious quality. 5 cts. pkt., 15 cts. oz., 35 cts. $\frac{1}{2}$ lb., \$1.00 lb.

ESSEX HYBRID. Distinct in appearance, of a short cylindrical shape, having on the blossom end a small cap-shaped enlargement. The flesh is dry, sweet and thick, and of a bright orange color, while its keeping qualities are admirable. Those desiring a "dry" Squash, should grow Essex Hybrid. 5 cts. pkt., 10 cts. oz., 30 cts. $\frac{1}{2}$ lb., 60 cts. lb.



SANDWICH ISLAND MAMMOTH SALSIFY.

SALSIFY, or OYSTER PLANT.

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

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

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

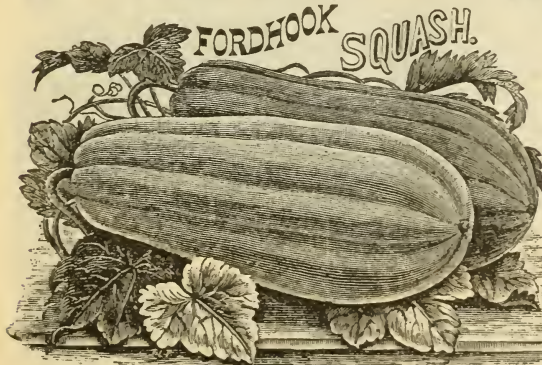
WHITE FRENCH. 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{2}$ lb., \$1.50 lb.

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

10 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{2}$ lb., \$2.50 lb.



Fall or Winter Squash.—Continued.

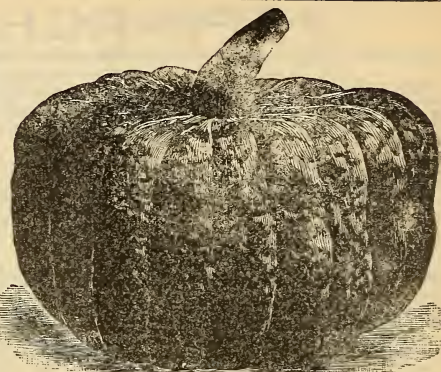
HUBBARD. More largely grown as a late sort than any other. It is of large size, often weighing from nine to ten pounds. Color bluish green, occasionally marked with brownish orange or yellow. Flesh fine grained, dry and of excellent flavor. It can be had in use from September to May. 5 cts. pkt., 15 cts. oz., 35 cts. $\frac{1}{4}$ lb., \$1.00 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. The largest of all Squashes; rather flat at both ends. Specimens have been known to attain the weight of 280 lbs. Its size makes it valuable for stock feeding, while its rich, fine flavored flesh ensures its value for all other purposes. 10 cts. pkt., 20 cts. oz., 50 cts. $\frac{1}{4}$ lb., \$1.75 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., 20 cts. oz., 35 cts. $\frac{1}{4}$ lb., \$1.00 lb.



BAY STATE SQUASH.

Summer Squash.

MAMMOTH BUSH SUMMER CROOKNECK. (See *Novelties*, page 4.) 15 cts. pkt., 2 for 25 cts., 10 for \$1.00.

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

YELLOW BUSH SCALLOPED. (Cymplings.) Differs from the above only in color. 5 cts. pkt., 10 cts. oz., 25 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. 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.

PERFECT GEM. Equally desirable either as a summer or winter Squash. The Squashes are from 4 to 6 inches in diameter, of a creamy white, with thin, smooth shell, slightly ribbed. 5c. pkt., 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.

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



HENDERSON'S GOLDEN CUSTARD SQUASH.

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.

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

We can also supply the following standard varieties of Squash, which are too well known to need description, at the uniform price of 5 cts. pkt., 10 cts. oz., 25 cts. $\frac{1}{4}$ lb., 75 cts. lb.:

Green Striped Bush or Bergen, Butman,
Pineapple, Cooanut, Winter Crookneck,
American Turban, Valparaiso, Sibley.

✻ TOMATO. ✻

German, *Liesesapfel*. French, *Tomate*. Spanish, *Tomate*.

Sow in a hot-bed, greenhouse, or window in a sitting room, where night temperature is not less than 60 degrees, about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be set out in boxes three inches deep, four or five inches apart, in same temperature, or removed into small pots, allowing a single plant to a pot. They are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. 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; $\frac{1}{4}$ lb. (to transplant for an acre.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 8 cents per lb.



See description, page 45.

REGISTERED BY
PETER HENDERSON & CO.

TOMATO—Continued.

"EARLY RUBY."

The great value of this variety lies in the fact that it is by far the earliest of all the large-sized Tomatoes which combine good form, color and solidity and 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, page 44.) Price, 15 cts. pkt., 50 cts. oz., \$1.50 ¼ lb., \$5.00 lb.

PONDEROSA (No. 400). (See description and cut, pages 9 and 10.) 20 cts. pkt., 6 pkts. for \$1.00, 12 for \$1.75, 25 for \$3.00.

IGNOTUM. A variety of recent introduction worthy of general cultivation. The fruit is very uniform in size and shape, rather flat and bright red in color. It is very prolific, and though not (as some claim) a first early variety, it is valuable in all other respects when cut. 10 cts. pkt., 50 cts. oz., \$1.50 ¼ lb., \$5.00 lb.

TABLE QUEEN. (See Novelties, page 15.) 15 cts. pkt., 75 cts. oz., \$2.50 ¼ lb., \$8.00 lb.

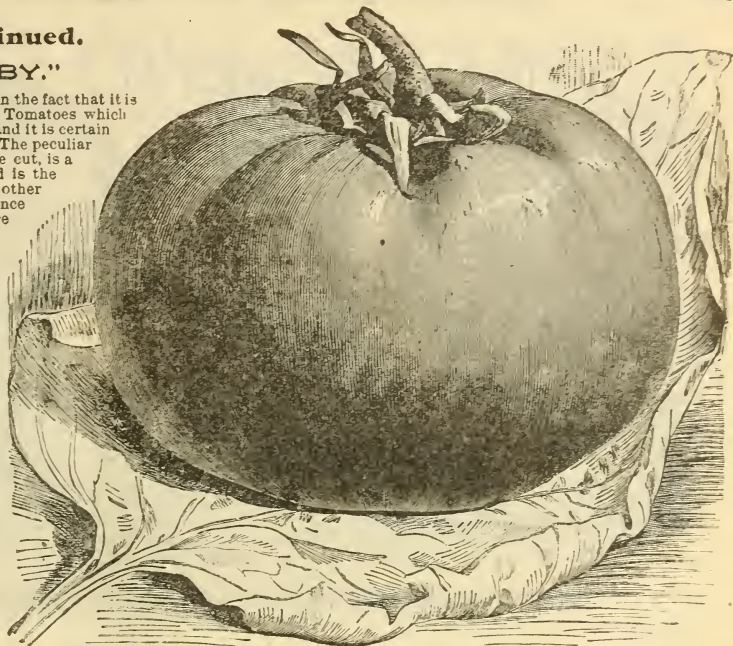
NEW DWARF CHAMPION. One of the most distinct and valuable Tomatoes of recent introduction. Dwarf, stiff habit, scarcely needing any support. It is very early and wonderfully prolific. Color, same as Acme. Is perfectly round and smooth, of medium size. 10c. pkt., 25c. oz., 80c. ¼ lb., \$3.00 lb.

ESSEX HYBRID. This is an old favorite, possessing many good qualities. It follows close after Early Ruby, and is the first of its type to ripen. Fruit is of medium size, very solid, and in color is purplish pink. 5 cts. pkt., 25 cts. oz., 80 cts. ¼ lb., \$3.00 lb.

THE LORILLARD. This is a forcing variety, very early and prolific, while its extreme solidity and handsome appearance will commend it. 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. 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



MIKADO TOMATO.

solid, generally smooth, but sometimes irregular. The color is purplish red. Foliage distinct from any other variety. (See cut.) Price, 10 cts. pkt., 30 cts. oz., \$1.00 ¼ lb., \$3.00 lb.

PEACH. Very distinct; fruit of uniform size, resembling a peach in shape, size, bloom and color, which is a deep orange rose. 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.

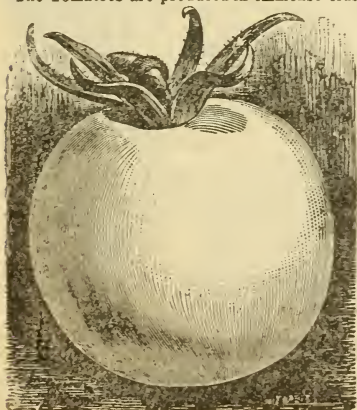
FAVORITE. One of the largest and most perfect shaped varieties. Ripens evenly and early, and holds its size to the end of the season. It is very prolific, has few seeds, solid flesh, and bears shipping long distances. Price, 10c. pkt., 25c. oz., 80c. ¼ lb., \$3.00 lb.

PERFECTION. Though of comparatively recent introduction, this variety is more largely grown than any of its class. The fruit is almost round, ripens clear up to the stem, is solid, and rich in flavor. The skin is both thin and tough, making it a good shipper, while its clear, bright scarlet color makes it most attractive in appearance. 5 cts. pkt., 25 cts. oz., 80 cts. ¼ lb., \$3.00 lb.

ACME. Early, of medium size, perfectly smooth, very solid and a great bearer. Color crimson, with a pinkish tinge. 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.

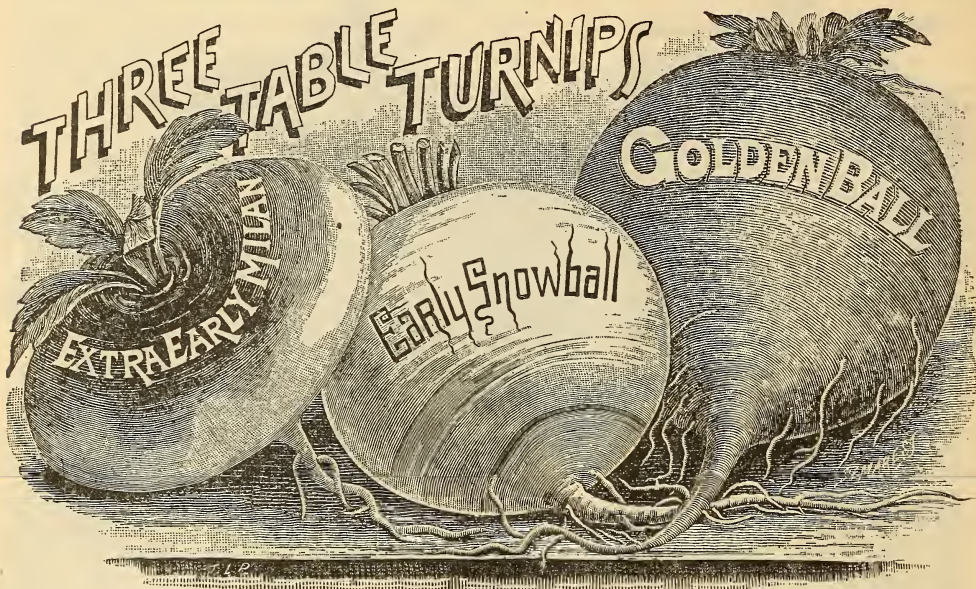
GOLDEN SUNRISE. No garden should be without a good yellow Tomato, and this is one of the best we know of. It has all the good qualities of the best red varieties and is of a beautiful golden-yellow color, making it invaluable for slicing and mixing with red varieties for table use. (See cut.) 10 cts. pkt., 25 cts. oz., 80 cts. ¼ lb., \$3.00 lb.



GOLDEN SUNRISE TOMATO.

We can also supply the following standard varieties of Tomatoes, which are too well known to need description, at the uniform price of 5 cts. pkt., 20 cts. oz., 70 cts. ¼ lb., \$2.50 lb.:

Paragon,	General Grant,	Hathaway's Excelsior,	Canada Victor,
Red Cherry,	Red Currant,	Strawberry, or Winter Cherry,	
Cardinal,	The Trophy,	Queen,	Conqueror,
Yellow Plum,	Yellow Cherry,	Volunteer,	Mayflower,
Optimus,	Golden Rod,	Green Gage,	



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TURNIP.

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

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

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 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., 15 cts. $\frac{1}{4}$ lb., 40 cts. lb.

EXTRA EARLY MILAN. This variety is by long odds the earliest in cultivation. In shape it is quite flat, the bulb being usually $3\frac{1}{2}$ inches in diameter and 1 inch deep, with a small tap root; the leaves start clear away from the crown, two most desirable features. The leaves are very small and entire or strap-leaved, growing very compact, which makes it valuable for close planting and forcing in frames. The color is bright reddish purple above ground and clear white underneath, making it most attractive in appearance. (See cut.) 10 cts. pkt., 15 cts. oz., 30 cts. $\frac{1}{4}$ lb., 75 cts. lb.

Early White Strap Leaf. Differs from the Red only in color. 5 cts. pkt., 10 cts. oz., 20 cts. $\frac{1}{4}$ lb., 50 cts. lb.

Early Snowball. A medium-sized, round, pure white variety of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet; maturing in six weeks from time of sowing. (See cut.) 10 cts. pkt., 15 cts. oz., 30 cts. $\frac{1}{4}$ lb., 75 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. 5 cts. pkt., 10 cts. oz., 20 cts. $\frac{1}{4}$ 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. $\frac{1}{4}$ lb., 60 cts. 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. $\frac{1}{4}$ lb., 50 cts. lb.

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

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

Pomeranian White Globe,
Purple Top Yellow Aberdeen,

Large White Norfolk,
Teltow or Small Berlin,

Yellow Malta,
Seven Top.

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

TOBACCO SEED.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 8 cts. per 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 ¼ lb.
- Connecticut Seed Leaf.** 10 cts. pkt., 30 cts. oz., \$1.00 ¼ lb.
- Imported Havana.** 10 cts. pkt., 50 cts. oz., \$1.50 ¼ lb.
- Zimmer'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 ¼ lb.

We can also supply the following standard varieties, which are too well known to need description, at 10 cts. per pkt., 30 cts. per oz., \$1.00 per ¼ lb.:

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

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

BIRD SEEDS.

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

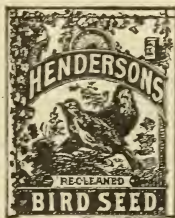
Lettuce. 10 cts. oz., 50 cts. lb.

Maw (Papaver Rhoeas). 30 cts. lb.

Millet (Panicum Miliaceum). 15 cts. qt., 60 cts. per peck, \$2.00 bush.

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 nut-like tubers grow near the surface of the ground, where they are easily dug out by pigs or poultry. They are very sweet and nutritious. Easily and cheaply grown, abundant in yield, greedily eaten by hogs, which take on firm fat from them. They mature in September, and lie in the soil till wanted, or pigs can be turned into the patches. One peck of seed per acre. Per package,

10 cts.; pint, by mail, 35 cts. By express, per pint, 30 cts.; per peck, \$1.50; per bush., \$5.00.

Artichokes, Jerusalem. 2 cts. qt., \$1.25 peck, \$4.00 bush., 3 lbs. by mail, 75c.
Artichoke, Globe. 35 cts. each, \$3.50 per doz.

Aparagus. See page 17.

Chives. 25 cts. per bunch or clump.

Hop. 25 cts. each, \$2.50 per doz.

Horse Radish. 25 cts. doz., 75 cts. 100,

\$6.00, 1,000.

Mint. 20 cts. each, \$2.00 per doz., \$3.00 per 100.

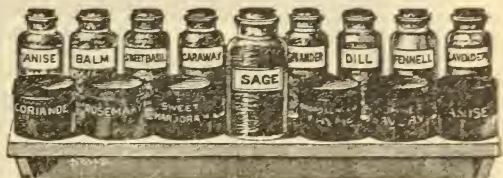
Rhubarb. Linnaeus. 20 cts. each, \$2.00 per doz.

— St. Martin's. 35 cts. each, \$3.50 per doz.

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

Tarragon. 35 cts. each, \$3.50 per doz.

SEA-KALE.



SWEET, POT and MEDICINAL HERBS.

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.

Borage (Borago Officinalis). Much used in claret and other drinks. An excellent bee plant. 5 cts. pkt., 20 cts. oz.

Dill (Anethum Graculosum). The leaves are used in soups and sauces, and to put along with pickles. 5 cts. pkt., 15 cts. oz.

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

Horehound (Marrubium Vulgare). Principally used for medicinal purposes. 10 cts. pkt., 50 cts. oz.

Lavender (Lavendula Spica). A popular aromatic herb. 10 cts. pkt., 40 cts. oz.

Marjoram, Sweet (Origanum Majorana). For seasoning. 10 cts. pkt., 30 cts. oz.

Sage (Salvia Officinalis). The leaves and tender tops are used in stuffing and sauces. 5 cts. pkt., 25 cts. oz., 80 cts. ¼ lb., \$3.00 lb.

Savory, Summer (Satureia Hortensis). Used for seasoning. 5 cts. pkt., 25 cts. oz.

Thyme, Broad-leaved (Thymus Vulgaris). For seasoning, etc. 10 cts. pkt., 40 cts. oz., \$1.50 ¼ lb.

Wormwood (Artemisia Absinthium). Used for medicinal purposes: it is also beneficial to poultry, and should be planted in poultry grounds. 10 cts. pkt., 50 cts. oz.

We can also supply the following varieties of Herbs, which are too well known to need description, at 10 cts. per pkt., 30 cts. per oz.:

- | | | | |
|---------------|----------------|-----------|---------------|
| Anise, | Balm, | Bene, | Caraway, |
| Catnip, | Coriander, | Cumin, | Ellecampane, |
| Henbane, | Hop Seed, | Hyssop, | Pot Marigold, |
| Pot Marjoram, | Opium Poppy, | Rosemary, | Rue, |
| Saffron, | Winter Savory, | Tansy, | |

TREE SEEDS.



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

SEE OUR DESCRIPTIVE PRICE LIST ON PAGES 153 AND 154.

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

COMPLETE LIST OF GRASSES AND CLOVERS.

Prices subject to variation. Special quotations for large quantities.

- Awlless Brome Grass.** (*Bromus inermis*) One of the most valuable introductions of recent date. Will stand long droughts and produce heavy crops in dry sections where other grasses would perish. 40 cts. lb., \$36.00 per 100 lbs.
- Anthoxanthum Praelii.** An annual variety of Sweet Vernal, not so desirable, however, as the perennial. (About 10 lbs. to bush) 90 cts. lb., \$2.75 bush.
- Bermuda.** (*Cynodon Dactylon*) \$1.20 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 bush) 20 cts. lb., \$3.50 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 Brome Grass.** (*Lolium Perenne*) A valuable grass. 2 1/2 to 3 bushels to the acre. (Bush of 18 lbs.) \$2.75 bushel. (Bush of 16 lbs.) \$3.00 bushel. (Bush of 25 lbs.) \$3.50 bushel.
- Fine Leaved Sheep's Fescue.** (*Festuca Ovina Tenaxifolia*) (About 14 pounds to the bushel) 45 cts. lb., \$5.50 bush.
- Few Meadow Grass.** (*Poa Serotina*) Uncleaned seed. \$3.00 bush.
- Hard Fescue.** (*Festuca Duranica*) (12 lbs. to bushel) 25 cts. lb., \$2.50 bush.
- Hungarian Grass.** (*Lolium Germanicum*) Is a valuable annual forage plant 1 bushel to the acre. (16 lbs. to bushel) \$2.75 bush.
- Italian Eye Grass.** (*Lolium Italicum*) (18 lbs. to bushel) \$2.25 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, \$4.00 bush of 25 lbs.
- Kentucky Blue Grass.** (*Poa Pratensis*) (14 lbs. to bushel) \$3.25 bushel. Fancy or Double extra clean. \$3.50 bushel.
- Louisiana Grass.** (*Paspalum Platylophum*) Seed, \$2.00 per lb., 10 lb. lots, \$1.75.
- Meadow Fescue.** (*Festuca Pratensis*) (12 lbs. to bushel) 25 cts. lb., \$4.50 bush.
- Meadow Fescue.** (*Festuca Pratensis*) (7 lbs. to bush) 40 cts. lb., \$2.80 bush.
- Meadow, Soft or Velvet Grass.** (*Holcus Lanatus*) Not desirable in the Northern States where better grasses can be grown, but very valuable in the Southern States and Central America. (7 lbs. per bushel) 25 cts. per lb., \$3.00 per bushel.
- Orchard Grass.** (*Dactylis Glomerata*) (14 lbs. to bush) \$2.60 bush, 10 bushel lots, \$2.60.
- 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) \$1.20 bushel, 10 bushel lots, \$1.10. Be-cleaned seed. (22 lbs. to bushel) 20 cts. lb., \$5.00 bushel.
- Rhode Island Bent Grass.** (*Agrostis Canadensis*) A very fine variety for lawns. About two bushels to the acre. (Bush of 14 lbs.) \$3.00 bushel.
- Rough Stalked Meadow Grass.** (*Poa Trivialis*) Valuable for pastures and meadows, particularly on damp soil 1 1/2 bushels to the acre. (About 14 lbs. to the bushel) 45 cts. lb.
- Schraeder's Brome Grass.** (*Bromus Schraederi*) Recommended as a fodder plant on account of the enormous bulk of its produce. 40 c. lb., \$35.00 per 100 lbs.
- Sheep's Fescue.** (*Festuca Ovina*) (12 lbs. to bushel) 25 cts. lb., \$2.50 bushel.
- Sweet Vernal, True Perennial.** (*Anthoxanthum Odoratum*) (10 lbs. to bushel) \$1.00 lb., \$2.00 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 Top Grass.** (*Avena Elatior*) Recommended for sowing, being rapid in its growth. 6 to 60 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 1/2 to 1 bush. per acre. (45 lbs. per bush) \$2.50 bush. Price subject to change without notice.
- Texas Blue Grass.** (*Poa Arachnifera*) 25 cts. per pkt., 50 cts. per oz., \$1.25 per 1/2 lb., \$1.00 per lb.
- Texas Millet.** (*Panicum Texanum*) 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) 50 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.** (*Trisetum Alopecuroides*) 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. 20 cts. lb., by mail, 30 cts. lb., 10 lbs. for \$1.80, 100 lbs. \$15.00.
- Alsike, or Field Clover.** (*Trifolium Hybridum*) Almost equal in nutritive value to the Red or Pea Vine Clover. 30 cts. lb., 10 lbs. \$2.70, 100 lbs. \$25.00.
- Bokhara Clover.** (*Medicago Leucanica*) Affords excellent food for bees throughout its season. 40 cts. lb., \$35.00 per 100 lbs.
- Cow Grass, Mammoth or Pea Vine Clover.** (*Trifolium pratense perenne*) 20 cts. lb., 10 lbs. \$2.00, 100 lbs. \$20.00.
- Japan Clover.** (*Lupinus Striatus*) 35c. lb., by mail, 45c., bush of 20 lbs. \$6.50.
- Red Clover, Medium.** (*Trifolium Pratense*) Present price, 15 cts. lb., 10 lbs. \$1.40, 100 lbs. \$12.00. Price subject to change without notice.
- Scarlet Clover.** (*Trifolium Incarnatum*) Sown in July or August for sowing or mowing the ensuing spring. 20 cts. lb., 10 lbs. \$1.80, 100 lbs. \$16.00.
- Snacking Clover.** (*Trifolium Poliflorum*) 20 cts. lb., 10 lbs. \$3.00, 100 lbs. \$28.00.
- Sainfoin.** (*Onobrychis Sativa*) 15 cts. lb., 100 lbs. \$3.00.
- Trefoil, Yellow or Hop Clover.** (*Medicago Lupulina*) An annual, suitable for sheep pasture and light soils. (60 lbs. to bu.) 20c. lb., 10 lbs. \$1.60, 100 lbs. \$16.00.
- White Clover.** (*Trifolium Repens*) Should be used in all mixtures for permanent pasture and for lawns. (60 lbs. to bu.) 28c. lb., 10 lbs. \$2.50, 100 lbs. \$22.00.

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, 10 bushels and upward, \$2.25 per bushel.
- Hopetoun.** A potato Oat (white) of great value, averaging 44 lbs. to the bushel. 75 cts. per peck, \$2.10 per bushel.
- Black Tartarian.** Early, productive and long strawed; the oats will weigh 40 lbs. to the bushel. 75 cts. per peck, \$2.10 bushel.
- Probstner.** Very productive and heavy, and straw very strong. \$1.00 per bushel (32 lbs.)

Spring Wheat.

- Saskatchewan Fife.** The best No. 1 Hard Amber extant. Unequaled for earliness, yield and vigor. \$2.25 per bushel.
- Wellman Fife.** An improvement on the well-known and favorite Saskatchewan, having larger heads and grain, and the straw taller and stronger with white chaff heads and dark kernels. Is enormously productive, outyielding all other Spring Wheats. \$1.00 per peck, \$3.50 per bushel.

Winter Wheat.

- Fultz.** (Bald) A first-class milling Wheat. \$2.25 per bushel.
- Jones Winter Fife.** (Novelty, 1889.) (Bald) \$8.00 per bushel.
- Early Red Clawson.** (Novelty, 1888.) (Bald) \$3.50 per bushel.
- American Bronze.** (Bald.) Especially adapted to sandy and poor soil. 30 cts. per lb., 3 lbs. for 75 cts., including postage, \$2.00 per peck, \$6.00 per bushel.

LEADING VARIETIES OF FIELD CORN.

All at the uniform price of 15 cts. qt., 60 cts. peck, \$2.00 bushel, 10 bushel lots \$1.75 per bushel.

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

- Early Butler.** (Novelty.) The earliest yellow dent variety known.
- Hickory King.** Largest grains of any white Corn.
- Early Mastodon.** Early, with very large ears.
- Golden Beauty.** Surpasses all in size, appearance and productiveness.
- Green of the Prairie.** In this latitude it has matured a crop in less than ninety days.

- Fulcaster.** (Bearded.) \$2.25 per bushel.
- Jones Squarehead White.** (Bald.) \$3.00 per bushel.
- Rochester Red.** (Bald.) \$2.50 per bushel.
- Golden Cross.** (Bearded.) \$2.25 per bushel.
- Hybrid Mediterranean.** (Bearded.) \$2.25 per bushel.
- Martin's Amber.** (Bald.) \$2.25 per bushel.

Rye.

- Excelsior Winter.** A variety from Vermont that yields from 40 to 50 bushels per acre. \$2.25 per bushel.
- Winter.** \$2.00 per bushel.
- Spring.** \$2.25 per bushel.

Buckwheat.

- New Japanese.** 20 cts. per lb., \$1.40 per bushel, 10 bushels and upward, \$1.30.
- Common.** \$1.25 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.** 75 cts. per peck, \$2.50 per bushel.
- Mansbury.** One of the very best six-rowed Barleys grown, with kernels plumper and fuller than the best Scotch Barley, while for malting it is unsurpassed. Is early in ripening and always plump, has strong upright straw and yields from 50 to 70 bushels per acre. The heads are very long and contain from 75 to 100 great plump heavy kernels. Prof. Henry, of Wisconsin Agricultural College, in his report says: "The Mansbury heads the list in productiveness." \$1.00 per peck, \$3.00 per bu.

- Self-Husking.** The earliest field variety in cultivation.
- Golden Dew Drop.** Reliable for Northern planting, as it grows quickly and matures early.
- King Philip.** Very early. Usually matures three months after planting.
- Leaming.** Ears of good size, cob small, with deep, large grain of bright yellow. Early.

LEADING VARIETIES OF FIELD CORN—Continued.

All at the uniform price of 15 cts. per qt., 60 cts. per perk., \$2.00 per bushel, 10 bushel lots, \$1.75 per bushel.

Longfellow. Well adapted for Northern States. Cob small, grain large and broad.

Mammoth White Surprise. Specially adapted to sections from Pennsylvania southward, and upward, 40 cts. per lb. Compton's Early. Yellow variety. Very early and prolific. Sweet Fodder. \$1.50 per bushel.

Southern Horsetooth. For fodder. \$1.25 per bushel.

White Flint. Handsome ears, large and well filled. A good sort. Farmer's Favorite. Ripens very early, and succeeds far North. Chester County Mammoth. One of the largest varieties. Large Yellow Flint. Very productive and of good quality.

ROOT CROPS FOR FARM STOCK.

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

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

HENDERSON'S 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. $\frac{1}{4}$ lb., 45 cts. lb., in lots of 10 lbs. and upward, 40 cts. per lb.

YELLOW OVOID. This sort is intermediate between the Long and Globe varieties. Nutritious and valuable. 15 cts. $\frac{1}{4}$ 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. $\frac{1}{4}$ 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. $\frac{1}{4}$ 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. $\frac{1}{4}$ lb., 45 cts. lb., in lots of 10 lbs. and upward, 40 cts. per 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. $\frac{1}{4}$ lb., 45 cts. lb., in lots of 10 lbs. and upward, 40 cts. per lb.

Long Red. 10 cts. $\frac{1}{4}$ 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. $\frac{1}{4}$ lb., 60 cts. lb., in lots of 10 lbs. and upward, 50 cts. per lb.

YELLOW GLOBE. 10 cts. $\frac{1}{4}$ 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 $\frac{1}{2}$ 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. $\frac{1}{4}$ 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. $\frac{1}{4}$ lb., 50 cts. lb., 10 lbs. \$4.50.

SHAMROCK. A handsome bulb, with small top and very few leaves. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb., 10 lbs. \$4.50.

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

LARGE YELLOW FRENCH. Similar to the white, except as to color. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ 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. $\frac{1}{4}$ 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. $\frac{1}{4}$ 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 cat. 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.

Fomeranian 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. $\frac{1}{4}$ lb., 40 cts. lb.; in lots of 10 lbs. and upward, 35 cts. lb.

VILMORIN'S IMPROVED WHITE. Has more saccharine matter than any other. 20 cts. $\frac{1}{4}$ lb., 60 cts. lb., in lots of 10 lbs. and upward, 55 cts. per lb.

LANE'S IMPERIAL. 15 cts. $\frac{1}{4}$ 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.....	\$1.00 per lb.
Danvers.....	90 "
White Belgian.....	90 "
Yellow Belgian.....	90 "
Altringham.....	90 "

MISCELLANEOUS AND SUNDRY SEEDS FOR THE FARM.

Bean, Boston Small Pea. \$1.50 peck; \$5.00 bushel.

" **Burlington 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.** \$1.50 peck; \$4.00 bushel.

Cabbage, Champion Or. \$1.50 lb.

CANADA FIELD PEAS. White, 75 cts. peck, \$2.00 bushel. Blue, stronger growing and very prolific. 75 cts. peck, \$2.00 bushel.

Castor Oil Bean. 5c. pkt., 15c. oz.

Celery Seed. For flavoring. 30 cts. per lb.

Chicory (for coffee). 15 cts. oz., \$1.00 lb.

Cotton, Sea Island. 20 cts. lb., by mail, 30 cts.

Cow Peas. \$3.00 per bushel.

Fenugreek. 50 cts. lb.

Flax Seed. 25 cts. qt., by mail, 40 cts., \$4.00 bushel.

Locust, Honey. 50 cts. lb.

" **Yellow.** 60 cts. lb.

Kale, Thousand Headed. \$1.00 lb.

Lupins of Sorts. 25 cts. lb., \$1.75 per peck, \$6.00 per bushel.

MILLET, Common (Panicum Millicaceum). \$1.25 per bushel.

" **German or Golden (Panicum Millicaceum aureum).** \$2.00 bushel.

" **Hungarian (Panicum Germanicum).** \$1.75 per bushel.

" **Pearl (Penisternum spicatum).** 20 cts. lb., \$15.00 per 100 lbs.

Opium Poppy. 30 cts. oz., \$2.00 lb.

Osage Orange. 50 cts. lb., by mail, 60 cts., \$3.00 bushel.

Ramie (Bohmeria or Urtica Nivea). This produces the fibre which the Orientals make into a delicate fabric known as Chinese Grass Cloth. 60 cts. oz.

Rape, English. 25 cts. lb., \$5.00 per bushel.

Serradella. 30 cts. lb., by mail, 40 cts.

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 45 degrees. 20 cts. qt., \$3.00 bushel. If by mail add 15 cts. per qt. for postage.

BROOM CORN, EVERGREEN. 20 cts. qt., by mail, 35 cts., \$3.00 bushel.

BROOM CORN, EVERGREEN. 20 cts. qt., by mail, 35 cts., \$3.00 bushel.

RURAL BRANCHING DOURA (Milo Maize). Price, 30 cts. lb., 1 lb. by mail for 40 cts. 4 lbs. required to plant an acre.

ROYAL RICE CORN. 12 cts. lb., \$10.00 per 100 lbs.

YELLOW BRANCHING. 30 cts. lb., 1 lb. by mail 40 cts. 4 lbs. required to plant an acre.

RAIAPENSE (Johnson Grass). (See Grasses.) 20 cts. lb., by mail, 30 cts., \$1.25 per peck, \$4.00 bushel of 25 lbs.

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.

Teosinte (Reana luxurians). \$1.75 lb., 10 lbs. \$15.00.

Yarrow, or Milfoil. \$1.50 lb.

WILD RICE (Zizania Aquatica). Much sought after, owing to its having attractions for water-fowl. 30 cts. per lb., if by mail, 40 cts. per lb., per 100 lbs. \$25.00.

Henderson's Lawn Grass Seed.



Henderson's
**TERRACE
SOD
MIXTURE.**

“THE HENDERSON”
Lawn Grass Seed

Weights 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!

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.)

WHAT 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 unequalled. It may not also be generally known that it is, relatively speaking, the *cheapest seed offered*, because while the lawn grass mixtures of other seedsmen *will not average over 14 lbs.* to the bushel, the Henderson Lawn Seed will weigh from 20 to 21 lbs. per measured bushel. The quantity required for making new lawns is 5 bushels per acre, or for renovating old lawns 1 to 2 bushels. For a plot 15x20 or 300 square feet, 1 quart is required for new, or 1 pint for renovation.

PRICE: 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.)

Henderson's “SUNNY SOUTH” Lawn Grass.

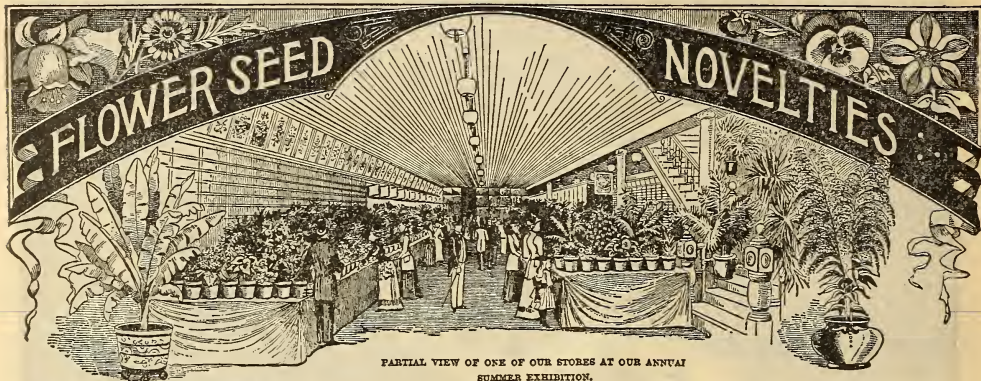
A Special Mixture of Lawn Grass for the South. Is specially prepared for very dry sections, and contains all the best grasses that are by nature adapted for the South. Price, \$7.00 per bushel, \$2.00 per peck, 35 cents per quart. (If by mail, add at the rate of 5 cts. per quart for postage.)

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, \$1.25; 50-lb. bag, \$2.00; 100-lb. bag, \$3.75; per ton of 2,000 lbs., \$60.00.





PARTIAL VIEW OF ONE OF OUR STORES AT OUR ANNUAL SUMMER EXHIBITION.

New Striped { Tuberous } Begonia.

Tuberous rooted Begonias are now fairly launched upon the tidal wave of popularity; their great merit of abundant bloom for both bedding purposes and pot culture, ease of culture and magnificent colors, is gaining for them great favor. In this *new striped class* will be found many handsome and unique combinations of color, such as yellow, orange, scarlet, crimson, etc., all of which will be more or less striped and flecked with some other color. The seed we offer will produce 40 per cent. of striped sorts, but those that do not come striped will be of unusual excellence. (See cut.) Price, per packet, 50 cts.

SWEET PEA,

"MISS BLANCHE FERRY."

Probably the finest "pink and white" Sweet Pea in existence; the flowers are large, of perfect form and of deep, rich coloring and of enchanting fragrance. It blooms early, long and profusely, has long stems and is therefore of much value for cutting; and the plants are dwarf and compact. Price, per packet, 10c.



WHITE COMET ASTER.

White Comet Aster.

A surprisingly beautiful new pure white Aster, the flowers being very large—3 to 4 inches across—and very double, composed of long petals grotesquely twisted and intermingled, suggestive of a Japanese chrysanthemum; they are freely borne on bushy plants, growing about 15 inches high. (See cut.) Price, per packet, 25 cts.

New Tom Thumb Ageratum,

"LARGE FLOWERING ROSE."

This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Like all Ageratums this blooms continuously, and for beds, in the flower garden, either as edgings, ribbon planting, or for masses, it is very effective until frost—and is equally as desirable for pot culture, or as a basket, or vase plant. (See cut.)

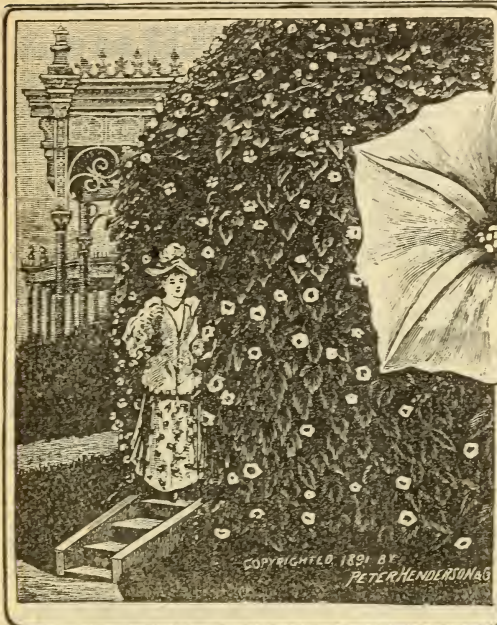
NEW TOM THUMB AGERATUM, LARGE FLOWERING ROSE.



BEGONIA, VERNON.

A grand novelty. The color of the flowers is a waxy blood scarlet, and being borne in immense quantities make an exceedingly brilliant effect. The foliage is also remarkable; it is at first green, but when the plants are about two months old the leaves begin to turn red on the margins and gradually the whole leaf and stem are suffused.

Sown in spring will produce blooming plants early in the summer which will continue in unparalleled profusion until killed by frost, and is of scarcely less value for growing in pots for winter blooming. Price, per packet, 25 cts.



The Brazilian Morning Glory.

(*Ipomœa Setosa.*)

This is the most magnificent summer climbing annual that has ever come under our notice. It grows with the greatest vigor and luxuriance. Seed sown in our trial-grounds May 15th produced plants that covered a trellis 12 feet high by July 28th, and by Aug. 15th the vines were from 30 to 40 feet long and still growing, branching and climbing

in all directions. The leaves are 8 to 12 inches across and are borne from the ground up, overlapping each other and making a dense shade. Every part of the vine is thickly

covered with short reddish hairs which, with its immense leaves and large clusters of curious seed capsules, render it highly ornamental and give it quite a tropical appearance. We know of nothing so good for quickly covering a piazza, arbor or a tree, and where a dense shade is required it has no equal. The flowers, which open in the morning, are three inches or more across, of a beautiful rose color, and are borne in large clusters very freely from July to frost. Price, per packet, 25c.

NEW IPOMŒA, "HEAVENLY BLUE."

This new annual climber is claimed to be a cross between *Ipomœa Leari* and *Mina Lobata*. The foliage is very large, heart-shaped, thick and light green; flowers 4 to 5 inches across in large clusters, and of that indescribable light blue with a yellow throat suffusing softly into blue. In the morning no lovelier sight can be imagined than this climber, which is so completely covered with bloom as to almost cover the foliage. This *Ipomœa*, like *Mina Lobata*, should be started in pots early in spring and become pot-bound; they will then commence to bloom very young. It is also a splendid conservatory climber. Price, per packet, 25c.



Delphinium, "Pillar of Beauty."

(*D. formosum caelestinum.*)

Few plants contribute so much beauty to the flower garden as Delphiniums. In this variety of *formosum* we have an unusually pretty color—a delicate azure or sky blue, so bright and pretty a shade that it has to be seen to be appreciated. The plants, of stately habit, are perfectly hardy, each producing numerous spikes 1 to 2 feet long literally covered with flowers and lasting in bloom for weeks. Price, per packet, 25c.

Heliotrope—Lemoine's Giant Hybrid.

These are grand improvements. In our trials of the past season, seed sown in April produced luxuriant, healthy, bushy plants 18 inches to 2 feet high by July, and they bloomed abundantly until cut down by frost. The clusters of bloom were immense; many measured 6 inches across and were deliciously fragrant; colors, lavender, white, purple, etc. Price, per packet, 25c.



DELPHINIUM, "PILLAR OF BEAUTY."



New Striped GUP AND SAUCER Bell Flower.

A comparatively new variety of the familiar "Canterbury Bell," and one of the most beautiful plants when in bloom that can be imagined. The bells average 3 inches in length, and the saucers 3 to 4 inches across—of a satiny lavender—spotted and striped with rich violet purple; the plants, of stocky habit, form perfect pyramids of bloom about 24 inches high, and they bear frequently from 100 to 200 of these exquisite blossoms, which last in perfection for weeks during the early summer. (*Hardy biennial.*) (*See cut.*) Price, per packet, 25 cts.

CALCEOLARIA, VESUVIUS.

A grand variety of this indispensable greenhouse and window plant, the color being of an intense deep blood scarlet; the blossoms are of great size, perfectly formed and produced in large compact trusses. It comes perfectly true from seed. Price, per packet, 50 cts.

PRIZE PANSY, "CARDINAL."

In this variety we offer the nearest approach to a Scarlet Pansy. The color of the flower is not the real scarlet as it is found in *Geraniums*; it would properly be called a brownish scarlet. It represents the brightest color in Pansies grown up to the present time. The flowers are of good size and substance and of perfect form. The three lower petals are marbled with a large dark blotch. Its bright color makes it very valuable for bedding. Price, per packet, 35 cts.

PANSY, "METEOR."

A splendid new bedding Pansy of a novel and most attractive tint, a bright terra cotta color which in the sunlight throws a striking fiery reflex; of good size, perfect form, and equally as good for cutting as bedding. Price, per packet, 25 cts.

NEW LARGE FLOWERING ROSE CANDYTUFT.

This is, without doubt, the finest Candytuft grown, forming upright bushy plants about 1 foot high, bearing immense umbels of exquisite rosy flesh-colored flowers so abundantly as to hide the plant. For a bed in the garden it is unusually effective. (*See cut.*) Price, per packet, 15 cts.

NEW ZANZIBAR OR SULTAN'S BALSAMS.

These are varieties of *Impatiens Sultanii*, one of the most beautiful flowering plants of recent introduction. For pot culture they are unequalled, producing continually charming flowers an inch across. The illustration on page 123 shows style of growth and bloom. We offer two beautiful and distinct colors: Mother of Pearl Rose, per packet, 25 cts.; Splendens, deep violet, per packet, 25 cts.



COCKSCOMB, TRIOMPHE D'EXPOSITION.

NEW PLUMED COCKSCOMB, "Triomphe d'Exposition."

This is the most beautiful of the plumed Cockscombs, forming symmetrical plants about 3 feet high, bearing large feathery crimson plumes; it is of vigorous growth, coming rapidly to perfection, and grand for beds and very effective for pots. (*See cut.*) Price, per packet, 25 cts.

"GOLDEN YELLOW" BRANCHED JAPAN COCKSCOMB.

In habit this is the same as the favorite crimson variety, forming a pyramidal branched plant about 2 feet high—each branch being surmounted with finely ruffled comb—of bright golden yellow. Price, per packet, 25 cts.

GOLDEN MEXICAN GLEOME.

A beautiful Mexican plant growing into luxuriant bushes 4 to 5 feet high, bearing large clusters of golden yellow flowers, with long feathery stamens, producing an elegant effect in sunny flower beds. Price, per packet, 25 cts.



NEW LARGE FLOWERING ROSE CANDYTUFT.



NEW FRENCH MARI GOLD, "GILT EDGE."

A new large flowering variety of the old dwarf French Marigold, differing from it in the more robust growth and in the larger and more perfectly double flowers, measuring from 3 to 4 inches across, which are borne in uninterrupted succession until frost on strong stems and well displayed above the foliage. The color of the flower is a velvety brown maroon, edged with yellow. The luxurious growth and the free flowering habit, as well as the large bright flowers of this novelty, make it particularly valuable for large groups, but it will also be found very effective when planted singly or in borders. (See cut.) Price, per pkt., 25 cts.

Nasturtium, "Golden King of Tom Thumbs."

A grand plant for beds and borders in the summer garden; plants compact and bushy, 8 to 10 inches high, bearing grand deep golden yellow blossoms so freely as to fairly cover the plant from view from early summer until frost. When grown in masses in rather poor soil it is tremendously effective. Price, per ounce, 50 cts.; per pkt., 15 cts.

MIMULUS, "PRINCE BISMARCK."

Splendid pot plants forming round, compact bushes about 6 inches high. Flowers an inch or more across of dark rich crimson and borne continually during the summer. Mimulus succeed well in the open ground in semi-shaded positions. Price, per pkt., 25 cts.



CALIFORNIA YELLOW BELLS.

(*Emmanthe pendulifera.*)

A decided and meritorious novelty from California. It is an annual—forming bushy plants, 9 to 12 inches high—each branch is loaded with broadly bell-shaped pendulous unwithering flowers, about half an inch long, of creamy yellow color. The general effect of a branch is very suggestive of a long spike of Lily of the Valley with large yellow bells; the foliage, however, is pinnatifid. (See cut.) Price, per pkt., 25 cts.

CENTAUREA MARGARITÆ.

One of the most beautiful of this season's novelties. The plant grows about 1½ feet high, bearing freely large pure white flowers of delightful fragrance. Although this variety is a biennial it will flower freely the same season, if the seed is sown reasonably early. Very handsome for garden decoration and particularly valuable for cutting. (See cut.) Price, per pkt., 25c.



CENTAUREA MARGARITÆ.



CENTAUREA CYANUS, "VICTORIA."

This charming diminutive variety of the old favorite Corn-flower or Bluet forms little bushes only 8 inches high, producing clusters of bright blue flowers similar but smaller than the type, in remarkable abundance; a very pretty plant for edging or pot culture. Price, per pkt., 25 cts.

New Remontant Tritomas or "Torch Flowers."

These distinct and beautiful hybrids, crossed with Corallina, Rooperi, MacOwan, etc., are very dwarf-growing and flower most freely from July until cut down by frost. Their beautiful heads of bloom vary in color from coral red, straw yellow, blood-red, orange and scarlet. Grown on the lawn in groups of five or more they are very attractive. The roots will need careful protection in cold climates, or better yet winter them over in frames north of Washington. Mixed colors. Price, per pkt., 25 cts.

Giant Red Mignonette, GUIHIENEUF'S "RUBY."

This new giant red-flowered mignonette is a most beautiful novelty, far superior to all other so-called reds; it has large dense spikes of bright red flowers, the petals and feathery parts being substituted in this variety with large protuberant red stamens of striking effect. It is also delightfully fragrant. The plants are of dwarf, compact, pyramidal habit, stems and branches short and erect and covered with bloom the whole summer long; in addition to its merit as a bedding plant it is of great value for pot culture and as a florist's market plant on account of splendid habit and profusion of bloom. £250 sterling was offered for the stock of this grand mignonette. (See cut.) Price, per pkt., 25 cts.

NEW ANNUAL
POPPYEMPERESS
OF
CHINA

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BY
P. HENDERSON & CO.
NEW-YORK
1891

Nicotiana Colossea.

This magnificent ornamental-foliated plant attains a height of 5 to 6 feet during one summer, producing down to the base immense leaves 3 feet in length and $1\frac{1}{2}$ feet in breadth; at first downy with rose and violet, afterwards changing to deep dark green with red nerves, and on the under surface ash-colored and downy. A gigantic and imposing plant for lawns, giving an elegant tropical effect. It is of robust constitution and unaffected by winds or storms, and we know of nothing more beautiful, vigorous and ornamental. (See cut.)

Price, per packet, 25 cts.



NICOTIANA COLOSSEA.

NEW PETUNIA, "STEEL-BLUE, VEINED."

A new and novel color in this favorite large-flowering class, an entirely new color, a beautiful bright steel-blue, intricately veined.

Price, per packet, 25 cts.

NEW PETUNIA, "RING OF EMERALD."

(Petunia grandiflora compacta marginata.)

This novelty grows to a height of only 10 to 12 inches, forming a dense globular bush, 14 to 15 inches across, literally covered with large perfectly formed flowers of a rich crimson edged with a broad green margin. Its compact dwarf growth and great profusion of bloom, and novel and charming combination of colors render it an unsurpassed plant for bedding, and it can be recommended as a window or pot plant.

Price, per packet, 35 cts.



NEW PETUNIA, PINK MOUND

New Petunia, "Pink Mound."

(Petunia Carmen hybrida nana compacta rosea.)

This is a splendid variety, forming very dwarf, compact little bushes not over a foot high, which produce flowers of a brilliant rose pink color with a white throat in such remarkable abundance as to fairly hide the plant, leaving it a veritable "Mound of Pink" throughout the entire season. It is very effective for beds and equally adapted for pot culture. (See cut.) Price, per packet, 25 cts.

New Poppy, "Empress of China."

An extremely beautiful large poppy—probably the finest single annual variety in cultivation; the flowers measure 4 to 5 inches across, are pure satiny white with a distinct feathered margin of scarlet. The plants grow about 2 feet high. We had a plot of about 20 plants in our trial grounds the past season which was a perfect picture when in bloom, commanding admiration from all. (See cut.) Price, per packet, 25 cts.

ARMENIAN TULIP POPPY.

(Papaver glaucium.)

A magnificent new species 12 to 14 inches high, each plant producing 50 to 60 vivid scarlet flowers much resembling, in both shape and color, scarlet Duc Van Thoi tulips. The two outer petals form a saucer surrounding two erect petals, giving a very unique and handsome appearance. They commence flowering in June and continue in uninterrupted succession for several weeks. It is a most valuable addition to our decorative annuals. When the flowers begin to fade two black spots are visible at the base of the petals. (See cut.)

Price, per packet, 25 cts.

Phlox Drummondii Grandiflora, "Blackbrown."

This new black-brown color of the large flowering section claims a prominent place in every collection as it is much darker than any other shade we have of Phloxes, and therefore not only produces a grand effect in masses in beds, etc., but will become indispensable on account of its striking contrast with the numerous light shades so prevalent in Phlox.

Price, per packet of 50 seeds, 25 cts.



NEW ARMENIAN TULIP POPPY.

NEW STRAIN OF PETUNIAS "GIANTS of CALIFORNIA"



COPYRIGHTED 1887 BY
PETER HENDERSON & CO.



THE grand improvements in Petunias for the past few years left the impression that the acme of perfection had been reached, but such was not the case. A specialist in California, after crossing, hybridizing and selecting, for three years, starting from the finest sorts then obtainable in Europe and America, aided by congenial culture and climate, has produced a strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely ruffled or fringed on the edges and are of enormous dimensions, 4 to 5 inches across, but their great merits lie in the tremendous varieties of colors, markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades. Seed sown in the spring will produce strong flowering plants unequalled for bedding purposes which will bloom in bountiful abundance and continue until killed by frost. For pot culture they are of equal value. Price, for New Petunias, "Giants of California," mixed varieties, per packet, 35c.

PRIMULA SIEBOLDI.

A splendid hardy garden Primrose, throwing up flower stalks 8 to 12 inches high, surmounted with large clusters of flowers 1 to 2 inches across; color, soft, pretty rose, with white eye. It is a very distinct, beautiful and free blooming plant; will require protection in the Northern States, or it can be grown in cold frames. Price, per packet, 25 cts.

NEW GLOBE QUILLED ASTER, "White, with a Blood-Red Centre."

This is one of the finest quilled Asters ever raised. The flowers, which are produced very freely, are very large,—3 to 4 inches across and double—of globular form composed of round or quilled-shaped petals. The color is remarkable and effective, being pure white with a centre or crown of blood-red, which makes a striking contrast. The plants are of even habit, growing about two feet high, and for beds or groups are most valuable. It is, moreover, of special importance for cutting purposes. Price, per packet, 25 cts.

New Zinnia, "Mosaic."

(*Zinnia elegans pumila* fl. pl. fol. aureis var.)

A very unique novelty—a splendid dwarf-growing Zinnia of elegant, compact habit, the foliage of which is grotesquely marbled and spotted with golden yellow. To bring out the characteristic variegation strongly the plants should be grown in rather poor soil. In addition to the odd foliage of the MOSAIC ZINNIA the flowers are of high merit, being large, very double and of the usual variety of colors—yellow, white, crimson, carmine, etc. Price, per packet, 25 cts.

New Zinnia, "Gen'l Jacqueminot."

(*Zinnia elegans grandiflora* fl. pl. "Rouge-Noir Velouté.")

We offer in this Zinnia something particularly fine; it belongs to the compact-



BLUE PERFECTION
FORGET-ME-NOT

Two Grand New Forget-me-nots.

"BLUE PERFECTION."

(*Myosotis dissitiflora grandiflora*.)

This magnificent improvement in Forget-me-nots was raised by a specialist in Scotland, where it has received the highest encomiums from their critical gardeners as well as a certificate from the Royal Botanic Society, and is considered by authorities as the finest Forget-me-not grown. The flowers are much larger than any other variety, borne in graceful sprays which are very valuable for cutting, the buds opening in water for a fortnight; color an exquisite shade of blue. In Scotland it is perfectly hardy. Price, 25 cts. per packet.



NEW ZINNIA MOSAIC.

The color is rich, deep velvety crimson, exactly the shade of the famous "Jack" rose. When we saw this exquisite Zinnia in full bloom in Europe the past summer, the rich color so strikingly recalled the famous rose that we secured the entire stock, and gave it this name, of which it is fully worthy. Price, per packet, 25 cts.

"ROSE VICTORIA."

(*Myosotis alpestris Victoria rosea*.)

The flowers of this new variety are of a lovely rose color, with the characteristic central double bloom as well as in habit and growth of the well-known blue "Victoria," offered and illustrated on page 68. Price, per packet, 25 cts.

HENDERSON'S "ELITE" COLLECTION

OF SUMMER FLOWERING PINKS,

AS SHOWN ON THE OPPOSITE PLATE.

There probably is no class of plants so universally popular as "Pinks." In the "Elite" Collection, here offered, we introduce the gems of the family. They are all comparatively new varieties of rare beauty, forming bushy compact plants about one foot high, of healthy growth and symmetrical form, and of the easiest culture. Seed sown in the spring will produce flowering plants in a few weeks' time, which will continue to bloom in beautiful profusion throughout the season. When grown in beds of considerable size, they are masses of brilliant color and unapproachable effect. For cutting purposes they are unequalled, and for growing in pots without a rival.

Explanatory Note.—Although 14 flowers are shown on the plate, only 12 packets of seed are offered, as Nos. 11 and 12 are simply representatives of one class of pink and 13 and 14 of another.

NEW "GUILLAUD" PINKS.

The only strain of Pinks blooming the first season that contains yellow.

The flower numbered 10 on opposite plate is a type of this class. This new race originated with M. Guillaud, a celebrated French specialist, and, like the *Dianthus Margarita*, they contain considerable Carnation blood and yet possess all of the profuse and early blooming qualities of the annual *Dianthus*. The "Guillaud" Pinks bloom profusely in the summer and autumn from spring-sown seed; the flowers are very large, of perfect shape, very fragrant and last a longer time, either cut or on the plants, than *D. Margarita*, and, making this strain still more valuable they contain flowers of clear yellow and others with yellow stripes. The seeds which we offer in mixture contain a magnificent variety of colors and shades. They are equally adapted for open ground and pot culture, and will, we think, prove indispensable to the florist. "Guillaud" Pinks, Mixed Colors, price, per packet, 50c.

NEW "CYCLOPS" PINKS.

Flowers numbered 11, 12, 13 and 14 are types of this class.

These new Pinks are the happy result of a long series of crossings of *Dianthus plumarius* and *caryophyllus*, and will produce a new series of colors of great beauty and in addition each flower is ornamented with a large eye-like zone of velvety blood-red. They have also a delicious clove fragrance. The plants are vigorous and robust, 12 to 16 inches high, and bloom in wonderful profusion from May until frost. In cold localities the plants should be well protected, or better yet kept over in cold-frames, that their incomparable beauty may be enjoyed for several years. They will flower the first season if the seed is sown reasonably early. We offer the single and double varieties in separate mixtures, viz.:

NEW DOUBLE CYCLOPS PINKS.

Nos. 11 and 12 on plate opposite.

These magnificent Pinks produce in greatest abundance, from May until frost, large double fragrant flowers. The charming colors and combinations vary from pure white, bright carmine, and dregs of wine red, showing all intermediate shades of rose, salmon, etc., all of the flowers being marked with a large eye-like zone or blotched with deep velvet red.

Mixed Colors, per packet, 50c.

NEW SINGLE CYCLOPS PINKS

Nos. 13 and 14 on plate opposite.

An elegant new strain with large round flowers 2 inches across, with broad, entire and overlapping petals. The flowers are borne in immense quantities and are of the most charming shades of color. Those predominating are delicate rose, flesh pink, copper color, white and crimson, all of which have a velvety blood-red zone in the centre, making a strikingly beautiful contrast.

Mixed Colors, per packet, 25c.

"EASTERN QUEEN."

No. 1 on plate opposite. Immense single flowers beautifully fringed, marbled and suffused with carmine rose, mauve and lilac. Price, per packet, 10c.

"CRIMSON BELLE."

No. 2 on plate opposite. Magnificent large single fringed flowers of lustrous velvety crimson. Price, per packet, 10c.

"SNOWFLAKE."

No. 3 on plate opposite. Pure snow-white flowers of large size, exquisitely fringed. Price, per packet, 10c.

"THE BRIDE."

No. 4 on plate opposite. Large single flowers, nicely fringed, and of an exquisite combination of carmine suffused with purple maroon, beautifully and irregularly banded white. Price, per packet, 15c.

"DOUBLE DIADEM."

No. 5 on plate opposite. Splendid large double flowers of many colors, each hieroglyphically edged and marbled in the most charming fashion. Mixed Colors, price, per packet, 10c.

"DOUBLE SNOWBALL."

No. 6 on plate opposite. Very large double fringed flowers of perfect form and of the purest white. Price, per packet, 15c.

"DOUBLE FIREBALL."

No. 7 on plate opposite. Densely double flowers of large size and of marvelously rich and brilliant velvety red. Price, per packet, 15c.

"WHITE FRILL, or MOURNING CLOAK."

No. 8 on plate opposite. Double flowers of large size, of rich and unique colors: rich purple, maroon, almost velvet black, and sharply edged with clear white, making a strikingly beautiful contrast. Price, per packet, 10c.

"DOUBLE STRIPED AND FRINGED."

No. 9 on plate opposite. These are particularly grand. The immense flowers are very double, deeply fringed at the edges and of many exquisite colors, all of which are charmingly striped with some other color. Mixed Colors, price, per packet, 10c.

PRICE OF HENDERSON'S "ELITE" COLLECTION OF SUMMER FLOWERING PINKS.

1 Packet each of the 12 sorts offered on this page and shown on the plate opposite, \$1.50

Or, 1 packet each of the following numbers: 1, 2, 3, 4, 5, 6, 7, 8 and 9, for 75 cts.

Or, 1 packet each "Guillaud," "Single Cyclops" and "Double Cyclops," for \$1.00.

The price per packet of any individual variety is given under its description.

Peter Henderson
& Co.
1892



HENDERSON'S
"Elite"
Collection
OF
SUMMER
FLOWERING
PINKS.



VICTORIA ASTER.



CROWN ASTER.



"SURPASSE TRIOMPHE" ASTER.

Bedding Varieties that Bloom the First Season.

ASTERS.

These annuals, usually known as French, German or China Asters, are most popular and extensively grown in flower beds and in pots; their compact habit of growth and profusion of magnificent flowers of rich and varied colors render them universal favorites.

Dwarf Chrysanthemum Flowered Asters.

Grow 9 inches high. Surpass all the dwarf varieties in size of flowers. They are full and double and produced in clusters of 20 to 30 on a plant. (See cut.)

- Fiery Scarlet. 10. Snow White. Pkt. 10
- White and Azure Blue. 10. Flesh. 10
- Finest Mixed. (Dwf. Chrysa. F'd.) 10

Perfection Asters.

(Truffard's Improved Peony Flowered.)

A favorite class; thrifty, upright growers; flowers large (4 inches across) and almost perfectly round, with incurved petals; height, 1½ to 2 feet. (See cut.)

- Dark Scarlet and White. Pkt. 10
- Glowing Dark Crimson. 10
- Satin White. 10. Brilliant Rose. 10
- Lilac Red and White. 10. Purple Violet. 10
- Perfection, Finest Mixed Colors. 10

Victoria Asters.

As shown on the colored plate in 1891. Magnificent flowers massive and showy, with regular overlapping petals clear to the centre. The flowers measure four inches and over across, and of rich and varied colors. The plants grow very evenly, pyramidal in form, about eighteen inches high, and carry from twenty-five to forty flowers. (See cut.)

- Crimson and White. 15. Sky Blue. Pkt. 15
- Indigo and White. 15. Pure White. 15
- Peach Blossom Pink. 15. Dazzling Scarlet 15
- White, turning to Rose. 15
- Dark Blue and White. 15
- Victoria, Finest Mixed Colors. 15

Ball-shaped "Jewel" Asters.

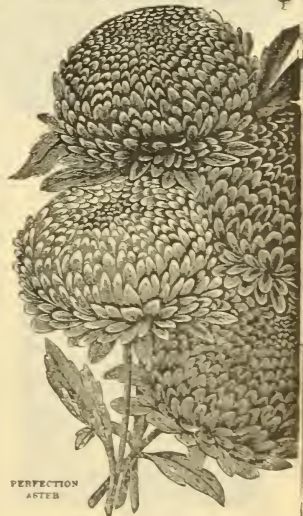
A magnificent new class. The flowers are perfectly round or ball-shaped, nine inches in circumference, the petals being short and incurved. Plants two feet high, of sturdy habit.

- Apple Blossom. Shell pink. Pkt. 25
- Deep Rose. 25
- Pearl, with Rose Crown. An elegant Aster, 12 to 14 inches high, bearing 20 to 25 large and very beautiful double flowers. The centre is pure white, surrounded with an exquisite rose-colored crown. 25
- Crown, Mixed Colors. The centre of each flower is white, surrounded by a broad

- margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced; height, 18 inches to 2 feet. (See cut.) 10
- Giant Emperor, Mixed Colors. This variety produces the largest flowers of any, but at the expense of quantity; many measure 6 inches and over in diameter and are perfectly double; height, 18 inches. 25
- Betteridge's Quilled, Mixed Colors. Flowers composed of tube or quill-shaped petals. This is an improved strain, with large double flowers and of beautiful colors; 2 ft. 5
- Miniature Bouquet, Mixed Colors. The little round plants, 6 to 8 inches high, are fairly hidden with very double button-like flowers. 10
- Dwarf Pyramidal Bouquet, Mixed Colors. Pretty class; very profuse bloomers, producing 20 to 50 heads of bloom; many beautifully tipped; grows 1 foot high. 10
- Diamond, Mixed Colors. Flowers regular and double; 1½ inches in diameter, and produced in greatest profusion. 10
- Harlequin, Mixed Colors. Very oddly spotted and striped double flowers. They are dwarf in habit, novel and very unique. 10
- Comet, Mixed Colors. These very beautiful Asters have long, wavy and twisted petals formed into a loose yet dense half-globe resembling the Japanese Chrysanthemum; flowers 3½ to 4½ inches across. 25
- China, Mixed Colors. A tall, double flowering class, very largely sold, but by no means equal to the improved varieties. 5
- Victoria Needle, Mixed Colors. 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. 15
- Triumph. These are most beautiful dwarf Asters. Each plant forms an elegant bouquet in itself 7 to 8 inches high. The flowers measure from 2½ to 3 inches across, of faultless form; each plant bears at least 30 to 40 flowers.
 - Deep Scarlet. Rich brilliant scarlet, 25
 - "Surpasse Triomphe." Flowers large, frequently 5 inches across, perfectly double; of a brilliant crimson purple, each petal being margined with white, making it exceedingly effective. (See cut.) 25
 - Dahlia-flowered Aster, "Snowball" or "White Princess." Entirely distinct, and the first of a new and superior race. A single plant develops about 30 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. 25



DWARF CHRYSANTHEMUM FLOWERED.



PEARL ASTER

Double
Balsams.

CALENDULA, PURE GOLD.

Bedding Varieties that Bloom the First Season.

BALSAMS (Double).

(Lady's Slipper—Touch-me-nots.)

Among the showiest and most popular of summer garden annuals, forming dwarf bushy plants profusely covered with large double flowers of brilliant colors throughout the summer and autumn; height, $1\frac{1}{2}$ to 2 feet.

Crimson Spotted White.....Pkt. 10
White, Striped Red and Purple.....10
Solferino. White, spotted lilac and scarlet. 10
Pink.....10. White.....10
Scarlet.....10. Lavender.....10
White Perfection. The finest pure white grown; flowers unusually large, solid and double.....15
Extra Choice Double Mixed. (See cut.) 10
Double Mixed.....5
Collection of 8 Superb Double Varieties, 75 cts.

BARTONIA.

Aurea. The "Californian Golden Bartonia." This is a splendid annual; one of the showiest and brightest of garden flowers; large golden blossoms borne in great profusion all summer; a moist situation induces best results; height, 1 foot....Pkt. 5

BRACHYCOME.

(Swan River Daisy.)

This beautiful annual grows about 8 inches high, forming a close, compact plant, with large single blue or white flowers, borne freely all summer. Mixed Colors....Pkt. 5

BROWALLIA.

(Amethyst.) Handsome annuals, with blue or white flowers completely studding the bushy plants during the whole summer; fine for garden beds in summer or pot culture in winter; $1\frac{1}{2}$ feet. Mixed Colors....Pkt. 5

BELLIS.

(Double Daisy.)

Well-known favorites; admirably adapted for edgings, borders and low beds, and also well suited for growing in pots; although perennials, they will flower the same season if the seed is sown early in the house, though it is preferable to sow it in the fall, and winter the plants over in cold frames. $\frac{1}{2}$ ft.

Double White.....Pkt. 15
Longfellow. Large double pink flowers. 15
Giant Snowball. Unusually large, very double, pure white flowers.....25
Rose Crown. Double flowers, each having a rose-colored centre or crown flower.....25
Double Mixed. $\frac{1}{2}$ foot.....15
Double Quilled Mixed. The petals are round as knitting-needles. (See cut.).....25

BELLIS,
DOUBLE QUILLEDCALLIOPSIS,
GOLDEN WAVE

CALANDRINIA.

Grandiflora. Very beautiful dwarf-growing annual for the flower garden; in the sunshine the large rose flowers expand into a perfect blaze of beauty. 1 foot....Pkt. 5

CALENDULA.

(Pot Marigold)

Remarkably profuse and continuous blooming dwarf, bushy annuals, of easy culture; indispensable for summer garden or for pot culture in the winter. 1 foot.

Queen of Trianon. This comparatively new variety is of distinct beauty. The very double flowers are borne in such numbers as to almost cover the plants. Color, bright canary yellow, with a maroon centre... 10
Pluvialis. (Cape Marigold.) Large, pure white single flowers.....5
Pongei fl. pl. Double white.....5
Meteor. Large double yellow flowers, striped with orange.....5
Prince of Orange. Similar to "Meteor," but much darker.....5
Ranunculoides fl. pl. Double orange.....5
Pure Gold. A magnificent variety of pure golden yellow; large double flowers, borne profusely until frost.....10

CALLIOPSIS.

(Coreopsis)

These beautiful "Bright Eyes" are showy summer bedding annuals, with large, bright flowers borne in great profusion all summer long, and succeeding almost everywhere. They are elegant for garden decoration and fine for cutting. 2 feet.

Double Calliopsis. (Calliopsis tinctoria fl. pl.) The flowers are double, of rich golden yellow, with wine maroon spots....Pkt. 10
Golden Wave. (Drummondii) Plant very bushy and compact, and covered with hundreds of beautiful golden blossoms, 2 inches across, with small dark centres. (See cut.) 10
Dark Crimson....5. Finest Mixed.....5
Yellow and Purple Brown.....5
Tom Thumb Mixed. A beautiful strain; plants dwarf and compact; 1 foot high; 10
Imported collection of 10 separate sorts, 50 cts.
For hardy Coreopsis, see page 78.

CALLIRHOE.

(Mallow Poppy.)

Involucrata. A charming dwarf, prostrate plant, producing large, saucer-shaped flowers 2 inches across, of a rich dark crimson; very effective for beds or trailing over rock-work.....Pkt. 10
Pedata Nana. An annual variety, forming dense, compact bushes. Handsome crimson flowers, 2 inches across.....10

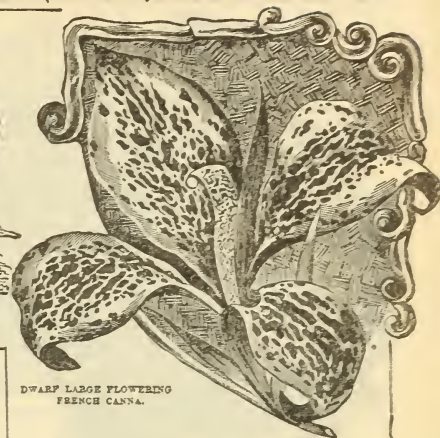
Refer to the Index (2d page cover) for Flower Seeds you cannot readily find.



NEW DOUBLE CENTAUREA CYANUS.



COCKSCOMB, QUEEN OF DWARFS.



DWARF LARGE FLOWERING FRENCH CANNA.

Bedding Varieties that Bloom the First Season.

CANDYTUFT.

Dwarf annuals, flowering profusely throughout the whole season; great favorites for beds, edgings, pots and borders; the plants are fairly covered with blossoms, and of the easiest culture; 12 inches high.

Empress. A beautiful variety, bearing candelabra-shaped branches, each producing a large truss of pure white flowers, presenting a perfect pyramid of bloom throughout the summer. (See cut.) *Pkt.* 10
Carminé......10. **Crimson**..... 5
Purple..... 5. **White**..... 5
White Rocket.... 5. **White Fragrant.**... 5
Mixed Colors...... 5

Tom Thumb Candytuft.

Bushy little plants only 4 to 6 inches high; splendid for edgings.
White.....10. **Rose**..... *Pkt.* 10
Purple.....10. **Mixed Colors.**... 10
For hardy Candytufts, see page 79.

CANNAS.

Dwarf Large Flowered French. In this new class of Cannas, the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. Seed sown in a hot-bed or greenhouse from January to April will produce flowering plants in July. (See cut.) *Mixed.*... *Pkt.* 15
Collection of six separate Dwarf French Cannas, 75 cts.

Marechal Vaillant. Flowers orange, foliage bronze, 4 to 6 ft. *Pkt.* 10
Zebra. Flowers scarlet, foliage striped, 10
Mixed (Old Types). Many varieties. 5
Imported collection of six separate Cannas (Old Types), 50 cts.

CARNATION.

Marguerite. Without exception these are the most abundant bloomers of all the "Carnation 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. 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. The plants are compact and robust in habit, supporting themselves without the use of unsightly stakes. (See cut.) *Pkt.* 25
For other Carnations, see page 84.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

CELOSIA or COCKSCOMB.

Very popular annuals of the easiest culture, producing large ornamental comb-like heads; not only are they highly prized for summer flower beds, but they make fine pot plants.

Queen of the Dwarfs. This is the finest Cockscomb we ever saw. It grows only 8 in. high. The combs are from seven to ten inches across, of perfect form and of a brilliant dark scarlet. (See cut.)... *Pkt.* 15
Variegata. Large gold and crimson striped combs. 2 ft. *Pkt.* 5
Japonica. A branching pyramidal plant, each branch bearing a comb of rich crimson color and finely ruffled. 5
New Golden Japan. See *Novelties*.
Glasgow Prize. Very dwarf; immense crimson combs. 1 ft. *Pkt.* 10
Golden Beauty. Golden yellow combs; plant only 1 ft. *Pkt.* 5
Dwarf Mixed. Many colors. 1 ft. 5
Imported collection of 6 dwarf varieties, 30 cts.

CELOSIA PLUMOSA.

(Feathered Cockscomb.)

Handsome pyramidal plants, 2 to 3 ft. high, producing at the summit of each branch long feathery plumes of very graceful effect. *Triomphe d'Exposition.* See *Novelties*.
Mixed Colors...... *Pkt.* 10

CENTAUREA.

Ragged Sailor, Corn Flower, Blue Bottle, Cyanus or Bluet. A very old favorite garden annual, flowering freely in almost any situation; height, 2 to 3 feet; for cut flowers they are largely used both in Europe and this country, a little bunch of the blue corn flower being a favorite *boutonnère*.

— **Blue, Rose, White or Mixed.** *Pkt.* 5
New Double. Produces double globular flowers of large size and filled up to the centre with florets; the mixture we offer contains many novel new colors, some prettily striped. (See cut.) *Pkt.* 10
Americana. Large growing annual, 3 feet high; very showy for borders or backgrounds; purplish red. 5

White Leaved Centaureas.

Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with other colored leaved plants; although perennials they are usually grown as annuals.

Candidissima. Round compact plants, 1 foot high; silvery white. *Pkt.* 15
Clementel. Arching white, fringed leaves. Height, 1½ ft. *Pkt.* 15
Gynnocarpa. One of the best, white foliage. Height, 1½ ft. *Pkt.* 10



CARNATION, "MARGUERITE."



CANDYTUFT, "EMPRESS"



CERTANTHEMUM, LARGE FLOWERING.



CONVOLVULUS MINOR.



CLEOME.

Bedding Varieties that Bloom the First Season.

CHRYSANTHEMUMS.

Single Annual Varieties.

(Painted Daisies.)

Summer blooming plants of compact growth and thrifty habit, producing quantities of large single flowers, 2 inches across. Colors, crimson, gold, maroon, white, etc. 12 to 18 inches high. (See cut.)

- Burridgeanum.** White, crimson and yellow.....*Plt.* 5
Eclipse. Golden yellow, scarlet ring; centre rich brown..... 5
Golden Feather. Follage 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. Extra large sulphur yellow flowers, 2½ inches across... 5
The Sultan. Crimson maroon, centre a wide gold ring..... 10
Single Annual, Mixed...... 5
 Imported collection of 6 Annual Sorts, 25 *cts.*

Double Annual Varieties.

(*C. Coronarium, fl. pl.*)

- Bushy, thrifty plants about 1 ft. high; very effective for summer flower beds, pot-cultures and for cut flowers. (See cut.)
"Forcupine." Flowers very double, each petal forming a tube fitted and arranged like tiles, which gives it a picturesque and lovely effect; color golden yellow; the flowers when cut retain their freshness for days. Height, 1 ft.....*Plt.* 25
Double Yellow......5. **Double White.**..... 5
Double Scarlet...... 15
Double Annual, Mixed...... 5

New Double Hybrids.

(*Chrysanthemum carinatum, fl. pl.*)

New and unique varieties. They are extremely variable. Some are pure white, yellow or crimson, but the prevailing types are bronzy yellow, the florets tinged with red or lilac-rose, the imbricated ray florets beautifully pencilled; others have rich crimson centres with clear yellow guard petals. Although mostly very double, there will be an occasional semi-double or even single, but these are almost equally charming. Finest mixed colors. (See cut.).....*Plt.* 25

CHRYSANTHEMUMS OF

CHINA and JAPAN.

These perennial varieties will bloom the first season from seed if sown early.

The magnificent and regal beauty of these royal flowers of the Japanese Empire has placed them on a wave of popularity unequalled in the floral world. Their luxuriance of growth and ease of culture place them in the front rank as "the flower for everybody." This seed has been saved from many new varieties. Grand mixture. (See cut.).....

Inodorum Plenissimum. Double white flowers borne throughout the season in profusion. Fine for vases and cutting..... 10

CINERARIA.

(*Dusty Miller.*)

Maritima. Extensively used for ribbon planting, vases, hanging baskets, etc.; leaves silvery gray; although perennial it is usually grown as an annual. 1 ft. 10
 For flowering varieties, see page 85.

CLARKIA.

Charming annuals for flower beds. The flowers of rose, white, red, purple, etc., borne in profusion during the summer. 1 to 2 ft. **Single Mixed.** Many sorts..... *Plt.* 5
Double Mixed. Including many sorts... 5

COLEUS.

Pungens. (*Giant Spider Plant.*) This is a showy plant, 4 to 5 ft. high, producing curious heads of flowers of bright rose color with long antenae-like stamens, giving a very graceful effect. They are of easy cultivation, blooming early, and continuing until late in the season. (See cut.).....*Plt.* 10

COLEUS.

Plants with richly colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns and ribboing they are indispensable, and also valuable for pot-culture. Although perennials they attain perfection from seed the first season. 1 to 3 ft. **Fine Mixed.**.....*Plt.* 25
New Hybrids, Choicest Mixed...... 5

CONVOLVULUS MINOR.

(*Bush Morning Glories.*)

These beautiful "Bush Morning Glories" grow only about 1 ft. high; the flowers are freely borne, and, if pleasant, remain open all day. The plant spreads with much regular-

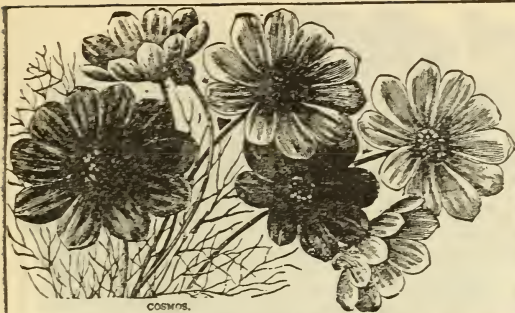


CHRYSANTHEMUM, SINGLE ANNUAL.



CHRYSANTHEMUM, NEW DOUBLE HYBRIDS.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



Bedding Varieties that Bloom the First Season.

ity in all directions, and a bed of them is a beautiful object throughout the summer. (See cut.)

Crimson Violet. Rich crimson violet, white throat, yellow eye.....*Pkt. 5*
Minor, Mixed. Including many varieties, 5
For Climbing Morning Glories, see page 75.

COLLINSIA.

Free flowering, summer blooming annuals of great beauty, for massing and mixed flower borders; there is a great variety of color—white, purple and crimson predominating. 1 to 2 ft. **Mixed Colors**.....*Pkt. 5*

COSMOS.

The plants grow 4 to 6 ft. high and are literally covered in the autumn with large single-dahlia-like flowers, ranging through shades of rose, purple, white, etc.; splendid for cutting purposes. Feathery foliage. (See cut.)

Large Flowering, Mixed Colors.....*Pkt. 10*
White Pearl. Beautiful snow-white..... 15

CREPIS (Hawk's-Beard).

These very pretty dwarf-growing annuals are well deserving a place in every garden, being of easy culture, blooming in profusion, and excellent for cutting. Height, 1 ft. **Mixed Colors**.....*Pkt. 5*

DAHLIA.

Double Varieties.

Although perennials, these will flower freely the same season from seed, producing large double flowers of perfect form, and of rich colors and markings in greatest variety; indispensable for garden decoration. 4 to 6 ft. **Fine Double Mixed.** Many colors. *Pkt. 10*
Extra Choice Double Mixed. From named varieties..... 25
Pompones, Double Mixed. Small flowering..... 25

Single Varieties.

From their grace and beauty are much used for cut flowers; also handsome bedding plants flowering in great profusion in a large variety of color. Seed sown in spring will produce plants that bloom from August until frost. 2 to 4 ft.

Single Mixed.....*Pkt. 10*
Striped Mixed. Many colors; handsomely striped and spotted. (See cut.)..... 15

CACTUS DAHLIA.

Juarezii. Brilliant scarlet double flowers of distinct and remarkable appearance, and worthy of extensive cultivation....*Pkt. 25*

DATURA.

Strong growing ornamental annuals, with very large and showy flowers, making handsome plants, 2 to 3 ft. high, for flower beds or borders.

Datura, Double Golden. Large double golden yellow flowers; very fragrant and handsome.....*Pkt. 10*
Wrightii. Large white and lilac flowers. 5
Fastuosa fl. pl., Mixed. Fine double varieties..... 5

DIANTHUS or PINKS.

Our Colored Plate of Dianthus—page 53—illustrates some of the best varieties.

The family of "Pinks" are unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming so profusely as to almost cover the plants uninterruptedly until late in autumn, rendering them one of the most beautiful and satisfactory of all annuals for summer flower gardens; they also make very beautiful pot plants. Height, about 1 ft. (See cut.)

Double Annual Varieties.

Chinensis fl. pl., Mixed. China or Indian Pink. 1 ft. (See cut.).....*Pkt. 5*
Heddewigii fl. pl., Mixed. Japan Pink, large flowers..... 10
Laciniatus fl. pl., Mixed. Dbl. fringed. 10
Imported collection of 8 distinct varieties, 50 cts.

Single Annual Varieties.

Flowers very large, 2 inches and over across, and freely produced, and of the richest colors and finely fringed.

Little Gem. It forms a plant only six inches high, which is almost smothered with charming flowers. Color, an exquisite combination of wine red suffused and veined with a rosy carmine and broadly margined with white.....*Pkt. 15*
Laciniatus, Mixed. Finest fringed sorts. 5
For other varieties, see Dianthus, pages 59 and 79; Carnations, pages 63 and 84; Sweet William, page 82.

ESCHSCHOLTZIA.

(California Poppies.)

Showy summer flowering annuals, of the easiest culture, forming nice bushy plants 1 ft. high, which produce in wondrous profusion large saucer-shaped flowers of striking brilliancy in the sunlight. (See cut.)

Single Varieties.

Californica. Sulphur with orange centre. 5
Mandarin. Large flowers of a bright scarlet; inner side rich orange..... 5
Finest Mixed..... 5

Double Varieties.

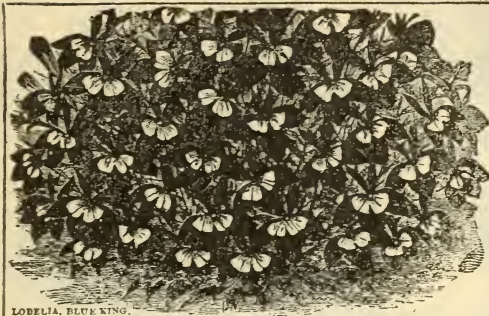
Double White, 10; Double Yellow, Pkt. 10
Double Mixed.....*Pkt. 10*

KAULFUSSIA.

Beautiful dwarf annuals for summer flower beds with flowers of white, violet, rose. **Fine Mixed**.....*Pkt. 5*



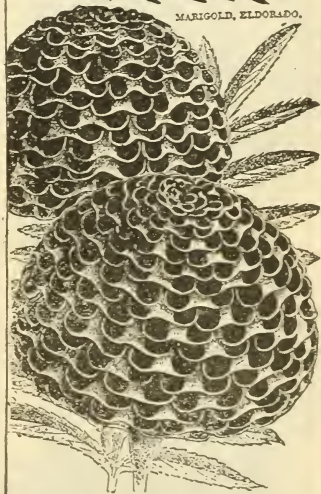
Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



LOBELIA, BLUE KING.



MARIGOLD, EL DORADO.



MARIGOLD, FRENCH GOLD STRIPED.



MARVEL OF PERU.

Bedding Varieties that Bloom the First Season.

LAVATERA.

Trimestris. Tall, robust growing bushy annuals, 3 feet high, producing freely large showy single flowers of rose, white, etc. **Mixed Colors**.....Pkt. 5

LAVIA.

Elegans. (*Californian Lavia*.) A beautiful hardy annual, forming upright bushy plants about 1 foot high and producing in abundance large single yellow flowers, bordered with white; they are of the easiest culture, and make very showy beds...Pkt. 10

LEPTOSIPHON.

Finest Mixed. Handsome dwarf annuals for masses, beds and edgings; when planted in masses they form entire sheets of bloom not over 6 to 8 inches above the ground; they also do nicely in pots for winter blooming.....Pkt. 5

New White Hybrid. Spreads over the ground like a carpet, and produces hundreds of little waxy white flowers, not over a quarter of an inch across, nestling like dewdrops in their bright green setting.....Pkt. 15

LINUM.

Coccineum. One of the most showy annuals in cultivation for flower beds and masses; brilliant crimson scarlet flowers, 1 inch across, borne in wonderful profusion. Height, 1 foot.....Pkt. 5

LOBELIA.

Erinus Varieties.

These are indispensable plants with trailing branches 6 to 9 inches long bearing continuously flowers of charming blue, white or rose shades for hanging over vases and baskets. Although perennials they are usually treated as annuals.

- Alba. Pure white.....Pkt. 5
- Speciosa. Bright blue..... 5
- Gracilis. Light blue; slender, trailing stems..... 5
- Mixed, *Erinus* Varieties..... 5
- Double Blue (Duplex)..... 10

Compacta Varieties.

- Little, round, compact plants, 4 to 6 inches high, forming little mounds of bloom; splendid for edgings, beds and ribbon gardening.
- White Gem. Pure white.....Pkt. 10
- Prima Donna. Dark wine..... 10
- Crystal Palace. Dark blue; the finest for bedding..... 10
- Blue King. Dark blue, white centre. (See cut.)..... 10
- Mixed Compacta Varieties..... 10

LYCHNIS.

Haageana Hybrids. A most beautiful class of plants usually grown as annuals as they soon come into flower from seed; of dwarf bushy habit, 1 foot high, bearing flowers an inch or more across in continuous succession until frost; the colors are particularly pleasing and effective—from white to rich scarlet and many shades of pink. **Mixed Colors**.....Pkt. 10

MALOPE.

Grandiflora. Robust hardy annuals, large saucer-shaped flowers of crimson, rose and white; 4 to 5 ft. **Mixed Colors**...Pkt. 5

MALVA.

Moschata Alba. (*White Musk-scented Mallow*.) This is an attractive garden plant growing 1 to 2 feet high, blooming the first season from seed, and produces numerous white flowers an inch across.....Pkt. 10

MARIGOLD.

These annuals are old favorites in our gardens, but have been greatly improved recently in size and doubleness of flowers. They are very effective for groups and masses.

Double African Marigolds.

- Double African Mixed. Yellow and orange shades. 2 ft..... Pkt. 5
 - El Dorado. Immense flowers, 10 to 14 inches around; exceedingly double; primrose, lemon, orange and golden shades. (See cut.) 3 ft..... 10
 - Nugget of Gold. Very double quilled flowers of rich golden yellow; plant very dwarf and stocky..... 10
- Imported collection of Double African Marigolds, 6 separate colors, 30c.

Double French Marigolds.

- Double French Mixed. Yellow, brown and crimson, beautifully striped. 1 ft... 5
 - Dwarf, Gold Striped. Rich velvety maroon double flowers, striped with gold. 1 ft. 10
 - Gilt Edge. See *Norellies*, page 55..... 25
- Imported collection of Double French Marigolds, 6 separate colors, 30c.

MARVEL OF PERU.

(*Four o'Clocks*.)

Beautiful summer-blooming annuals of bushy habit, 2 feet high, each plant bearing throughout the summer hundreds of large flowers of white, yellow, crimson, striped. **Mixed Colors**... Pr oz., 25. Pkt. 5

Variegated Foliage, Mixed Colors. Foliage striped and marked Pr oz., 35 Pkt. 5

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find



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MIGNONETTE
"Machet"

Bedding Varieties that Bloom the First Season.



MYOSOTIS VICTORIA.

MIGNONETTE.

This deliciously fragrant flowering plant is probably the most popular annual grown. **Large Flowering.** The common sweet mignonette; per oz., 15 cts.; per 1/4 lb., 50 cts.; per lb., \$1.50. *Pkt.* 5
Bird's Mammoth. Largest variety grown; under proper cultivation, the spikes average 12 to 15 inches long, are very full and exceedingly fragrant. 10
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
Red Victoria. A very fine, distinct, profuse-flowering variety of dwarf, branching habit, bearing large and compact trusses of deep red flowers, very fragrant. 10
Miles' Hybrid Spiral. Flowers white, very fragrant, spikes 8 to 12 inches long; plant dwarf and branching. 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. 10

MUSA ENSETE.

(Abyssinian Banana Tree.)
A foliage plant of magnificent proportions; for sub-tropical massing, or as single specimens they are strikingly effective. Seeds sown early in the house will produce plants 10 to 15 feet high the first season. Per packet of 5 seeds, 25 cts. (See cut.)

NASTURTIUM.

Tom Thumb or Bedding.
One of our showiest and most popular annuals, forming compact plants, not over 1 foot high, making gorgeous masses of color from early summer until killed by frost; succeeding under all weathers and conditions and unsurpassed for garden decoration.



MUSA ENSETE.

MYOSOTIS.

(Forget-me-not.)
The popular "Forget-me-nots." Bushy plants 6 to 12 inches high, bearing clusters of lovely small flowers. They are perennials and hardy enough to remain in the open ground, excepting in very cold latitudes, where they should be well protected; but they are generally sown in the fall and winter over in cold frames, when they will flower early in the spring; if sown early in the house they will flower the first season. **Dwarf Alpine.** Compact plants, 4 to 6 inches high; flowering profusely; mixed colors. *Pkt.* 10
Palustris. Large flowering, dark blue. 1 ft. 10
Alpestris, Blue. 1 ft. 5. — White. 1 ft. 5
— Rose. 1 ft. 5. — Mixed. 5
Dissitiflora. Large, sky-blue flowers; very early and free blooming. 6 to 12 inches. 15
Semperflorens. (Ever-flowering.) Flowering from early spring to autumn. 6 inches. 15
Azorica. Flowers 1/2 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



TOM THUMB NASTURTIUM.

	Qz. Pkt.	Qz. Pkt.
Aurora. Pink.	40c. 10	Rose. 25c. 5
Scarlet.	25c. 5	Yellow. 25c. 5
Gem. Sulphur, spotted maroon.	25c. 5	
King of Tom Thumbs. Crimson.	30c. 5	
Spotted.	25c. 5	Pearl White. 30c. 5
Ruby King. Ruby red.	30c. 5	
Beauty. Yellow, striped red.	25c. 5	
King Theodore. Dark maroon.	30c. 5	
Empress of India. Brilliant crimson, dark foliage, very effective.	40c. 10	
Cloth of Gold. Golden yellow foliage, scarlet flowers, very effective.	40c. 10	
Lady Bird. Orange yellow, red spots.	10	
Chameleon. Peculiarly marked crimson, bronze and golden yellow. Per oz.	40c. 10	
Mixed Tom Thumb Nasturtiums. Many sorts. Per oz., 20c.; per lb., \$1.50.	5	

Imp. collection of 12 Tom Thumb var's, 50c.
For Climbing Nasturtiums, see page 77.

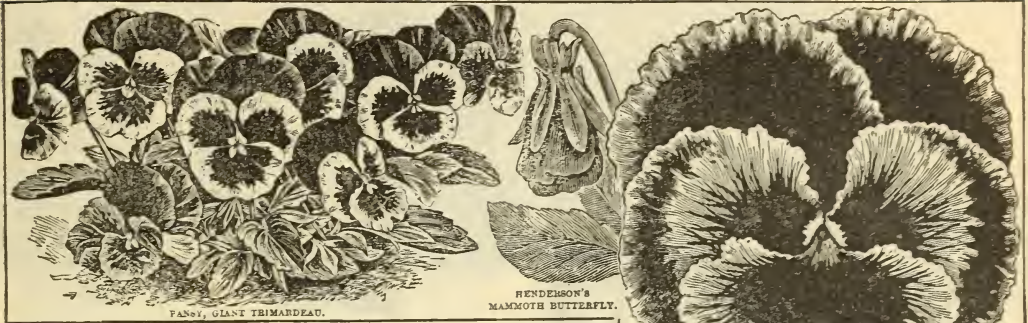
NEMOPHILA.

Splendid annuals for beds and garden decoration; bright colored flowers, in shades of blue, white and violet. 1 ft.
Finest Mixed. *Pkt.* 5

NICOTIANA.

Affinis. An annual with sweet scented, pure white, star-shaped flowers, 3 inches across, blooming continually. 2 to 3 ft. high, *Pkt.* 10
Giant Red Flowered. (*Nicotiana macrophylla gigantea purpurea.*) Magnificent decorative annual. The foliage is luxuriant and tropical in appearance; plants surmounted with the immense clusters of rich crimson flowers. They grow rapidly, about five feet in height, and commence blooming in July and continue in uninterrupted profusion until cut down by frost. 15

Refer to the Index (2d page cover) for Flower Seeds you cannot readily find.



FANSY, GIANT TRIMARDEAU.

HENDERSON'S MAMMOTH BUTTERFLY.

Bedding Varieties that Bloom the First Season.

NIGELLA.

Damascena, Double Mixed. Pretty annuals, known as "Love in a Mist," "Devil in a Bush," etc.; feathery foliage, in which large, double, charming, blue and white flowers are set. 1 to 2 ft. high.... *Plt.* 5
Tom Thumb Double White, Blue or Mixed. A little gem. Plants grow only 6 to 8 inches high..... 10

ENOETHERA.

Fine Mixed "Evening Primroses," or "Sun Drops," large, showy flowers of various colors, hardy annual. 1 to 2 ft. *Plt.* 5
Chilian Evening Primroses. (*Enothera tarazacifolia*.) The plants grow only 6 to 8 inches high, saucer-shaped flowers measure six inches in circumference.

— **White.** Changing to rose later in the day..... 10
 — **Golden.** Bright golden yellow, 10

OXALIS.

Pretty little half-trailing annuals, for hanging baskets, vases, rock-work and edgings, flowering in profusion. 6 to 9 inches.
Tropaeoloides. Yellow, brown foliage... 10
Valdiviana. Yellow; fragrant..... 10
Mixed. Annual sorts..... 10

PALAVA.

Fluxoea. Beautiful annuals for beds or pots, large pink flowers with black throats; plants bushy, about 1½ ft. high.... *Plt.* 5

PANSIES.

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 cut.*).... *Plt.* 50
Odier or Five Blotched. Contains many beautiful colors; each of the five petals is marked with a large dark blotch..... 25
Red Pansy. "Brilliant." Fine red..... 25
Emperor William. Dark blue..... 10
King of the Blacks. Black..... 10
White Treasure. White, blue blotches..... 10
Beaconsfield. Violet, lavender and white
Snow Queen. Pure satiny white..... 10
Rez. Deep purple..... 10
Fire Dragon. Fiery orange and bronze..... 10
Striped. (*See cut.*) 10 **Yellow**..... 10
Gold Margined. 10 **Azure Blue**..... 10
Bronze...... 10 **Mahogany**..... 10
German. Finest **Mixed Colors.** (*See cut*) 15
Good Mixed..... 5
Imported collection of German Pansies, 6 varieties, 50c.; 12 varieties, \$1.00.

PANSIES.

HENDERSON'S MAMMOTH BUTTERFLY.

A strain of Pansy which for variety and beauty has never been excelled. Of matchless forms, colors and markings, WITH FLOWERS HALF AS LARGE AGAIN as ordinary Pansies. They will both astonish and delight "Pansy Fanatics."

Ten types as shown on the colored plate in our manual of "Everything for the Garden" in 1890.
Ebony. Rich velvety jet black with faint violet ring around the blotches.
Peacock. Wine red, margined yellow; blotched with maroon and violet.

Rainbow. Upper petals violet, lower petals red maroon, splashed with gold; all margined with white and pink.
Unique. White ground, each petal blotched with rich violet; an exquisite variety.

Oriflamme. Golden ground color, splashed claret; margined yellow; grand.
Red Wing. Beautiful light wine color with broad white margin, velvety violet blotches.

Masterpiece. Chocolate red, shading to wine red, narrow silver and pink margin.

Golden Great. Extremely large bright yellow flowers, with three dark blotches.

Cinnamon. Velvety red brown, with bright gold splashes, dark chocolate blotches.

Tiger. Violet and lilac grounds, striped and blotched red, brown, gold, lavender, etc.

Price for any one of above varieties, separate, 25 cts. per packet; any five packets for \$1.00; or the entire collection of ten for \$1.50.

Henderson's New Mammoth Butterfly Pansies in mixed colors, from the above and other equally beautiful varieties—the grandest mixture ever offered. Per packet, 25

GIANT OR TRIMARDEAU PANSIES.

These are remarkably large Pansies which for size of flower and robust growth eclipse by all odds any known strain.

Giant Striped. Mahogany, striped with yellow..... *Plt.* 25

Giant Blue. Ultramarine blue, purple eye 25

Giant Golden. Golden yellow, brown blotches..... 25

Giant Black. Magnificent velvety black. 25

Giant White. White, blue blotches... 25

Giant Purple. Velvety, royal purple... 25

Giant Violet and Gold. Splendid... 25

Giant Margined. Purple, shaded heliotrope-flower edged white..... 25

Giant (Trimardeau). Mixed Colors... 25
Collection of Eight Giant Pansies for \$1.50.



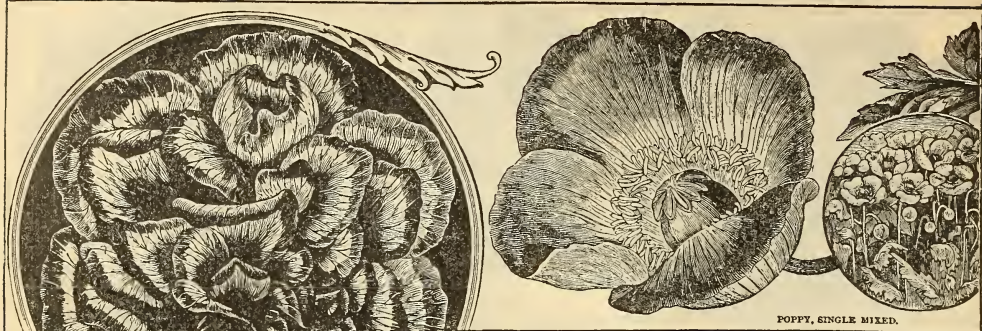
HENDERSON'S HIGHLAND.

ORIFLAMME.

RED WING.

GERMAN FINEST MIXED.

Refer to the Index (2d page cover) for Flower Seeds you cannot readily find.



POPPY, SINGLE MIXED.

Bedding Varieties that Bloom the First Season.

PETUNIA.

Few, if any, plants are more deservedly popular than these for bedding purposes, greenhouse or window culture, producing showy flowers in profusion. Although perennial they flower in a few weeks from the seed.

Single Varieties.

Fine Mixed. Single.....Pkt. 5
 Striped and Blotched. Single; mixed. 10
 Dwarf Inimitable. Dwarf plants, 6 to 8 in. high, flowers cherry red, with a white centre; splendid for edgings and massing, flowering in greatest profusion..... 10
 Large Single Fringed, Mixed. A magnificent strain, flowers average 4 to 5 inches across, of innumerable shades, colors and markings; all beautifully fringed..... 25
 Large Flowering Single, Mixed. All sorts; striped, blotched, veined, fringed, etc.. 25
 Large Yellow Throated Mixed. A splendid strain, with flowers of the largest size, and many beautiful colors, each having a deep yellow throat and veins..... 50

Double Varieties.

Double Large Flowering. Mixed Colors. A magnificent strain with flowers 3 to 4 inches across, very double, and of the most beautiful shades of crimson, white, rose, maroon, etc., blotched, striped, veined, bordered, marked, fringed, etc. (See cut.).. 25
 Large Double Fringed. Mixed..... 50
 Large Double Green Edged. Mixed colors. Each petal edged with green; very unique and beautiful..... 50
 Dwarf Double Inimitable. 6 to 8 in. high; small double cherry and white flowers, 50

PHLOX DRUMMONDI.

There can be no stronger proof of the ralue and beauty of this than the extent to which it is grown. For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. 1½ ft. high.
 Mixed Colors. (50 cts. per oz.).....Pkt. 5

Large Flowering Section.

An improved strain with very large, perfectly round flowers, the petals overlapping each other. (See cut.)
 Pure White. Pkt. 10
 Chamois Rose... 10
 Brilliant Scarlet 10
 Blood Red..... 10
 Black Brown. See Novelties..... 25
 Red, Striped White..... 10
 Crimson, White Eye... 10
 Yellow..... 10
 Large Flowering Mixed. Per oz., \$1, Pkt. 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 flowers; splendid for beds and pot culture.

Dwarf White.....Pkt. 10
 Red, Striped White..... 10
 Violet and Blue.. 15
 Blood Red.. 10
 Delicata. Yellowish rose, carmine rose centre..... 15

Dwarf Mixed..... 10

Imported collection of 6 Dwarf Phlox, 50 cts.

New Star-Shaped Phlox "Star of Queenburg." Flowers are of regular star-like form. Plant of compact habit, bearing large umbels of flowers. Mixed colors. 15
 Double Phloxes, Mixed Colors. The flowers are produced in profusion, and last longer in bloom than the single. (See cut.) 25
 For Hardy Phloxes, see page 81.

POLYGONUM.

P. Orientale foliis variegatis. A beautiful annual, growing 8 to 10 feet high. The red flowers are borne in spikes 7 to 8 inches long, in great numbers; the luxuriant foliage is strikingly variegated with white. The effect of the flowers against this ornamental foliage is charming.....Pkt. 15

POPPIES.

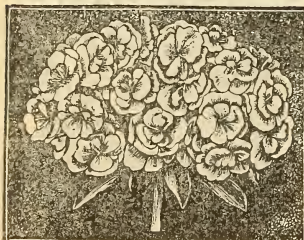
Exceedingly showy annuals, making a gorgeous display in the flower garden; they flower lavishly for a long period.

Single Annual Poppies.

Flag of Truce. Robust plants two feet high bearing quantities of satiny, white flowers, three to four inches across....Pkt. 15
 Danebrog. Large, bright scarlet, with a white cross in the centre..... 5
 Umbraum. 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..... 10
 Fire Dragon. New, extremely showy and very free flowering, producing flowers four inches across, of brilliant deep scarlet, with black spots margined white..... 10
 Papaver California. A new California annual poppy. It grows about one foot high, and produces large, showy, saucer-shaped flowers, six inches in circumference, of a rich pinkish orange, with a centre of delicate sulphur yellow..... 25
 Single Mixed Poppies. Annual sorts. (See cut.)..... 5

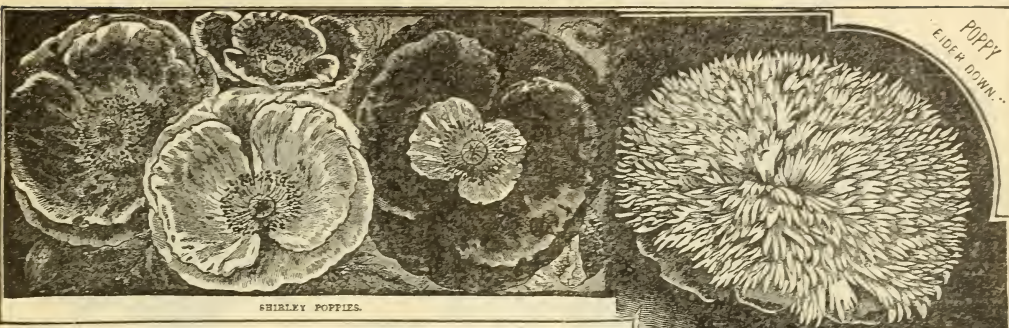
HENDERSON'S
LARGE-FLOWERING
DOUBLE PETUNIA.

LARGE-FLOWERING PHLOX.



DOUBLE PHLOX.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



SHIRLEY POPPIES.

POPPY
EIDER-DOWN

Bedding Varieties that Bloom the First Season.

POPPIES—Continued.

Shirley. The absence of black blood gives them their wonderful light, bright tissue-paper-like appearance. The colors range from purest white through pinks of all shades to glowing scarlet, but a scarlet without black. Some are red with white edges, and others veined and streaked and flaked from the centre toward the edges in the most charming confusion. (See cut.) In mixed colors..... 15

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. (See cut.)

Bright Yellow. 15 **Vivid Scarlet.** 25
Pure White. 15 **Gold Tinged, crim.** 15
Mixed Colors. 15

Collection of 4 Iceland Poppies, 60 cts.

PORTULACA.

Brilliant dwarf annuals, only 6 inches high, luxuriating in warm situations, and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades, of red, yellow, pink, striped, white, etc.

Single Mixed (Per oz., 40c.)..... Pkt. 5

Double Varieties:

These make perfectly gorgeous masses of color, the flowers of the double sorts, of course, remaining open all day.

Yellow Striped Crimson..... Pkt. 15
Rose Striped Carmine..... 15
White..... 15 **Sulphur**..... 15
Scarlet..... 15 **Rose**..... 15
Large Flowering, Double Mixed..... 10

Imported collection of 6 separate double sorts, 75 cts.

PYRETHRUM.

Yellow Leaved Sorts.

Dwarf growing plants, extensively used for ribbon and carpet bedding; the plants grow about 10 to 12 inches high, with foliage of bright yellow. These are usually grown as annuals although they are perennials.

Aureum. Yellow foliage...... Pkt. 10
Selaginoides. Handsome fern-like foliage.
 ½ ft. 15
For Hardy Flowering Pyrethrum, see page 81.

RICINUS.

(Castor-Oil Plant.)

Large, luxuriant, rapid-growing foliage annuals, with palm-like leaves; much used for sub-tropical effects on the lawn, or for centres of beds of foliage plants.

Cambogiensis. Leaves of a bronzy red maroon color, with large red veins; the main stem or trunk ebony black..... Pkt. 15
Borboniensis. 15 ft. Immense foliage. 5
Gibsonii. 6 ft. Dark purplish red foliage and stems..... 5
Obermanii. 8 ft. Light red foliage.... 5
Communis. Green foliage. 6 ft..... 5
Finest Mixed...... 5

Imported collection of 8 separate Ricinus, 30 cts.

RUDBECKIA.

(Black Eyed Susan.)

Bicolor. An annual variety, 1½ ft. high; bright yellow flowers, with black-purple centre, very showy for borders..... Pkt. 10
For Hardy Perennial Rudbeckia, see page 82.



EIDER-DOWN POPPY.



ICELAND POPPY.



RICINUS.

Double Carnation Flowered Poppies.

A magnificent class; flowers round and very double. (See cut.)

Eider-Down (*P. somnerium album laciniatum* fl. pl.) The plants are of sturdy habit, about 1½ ft. high, and bear flowers like great round balls of eider-down, as white as snow, the edges of the petals being deeply pinked or slashed. (See cut.) Pkt. 15

The Mikado. Charming large double Poppy; the color is most attractive, pure white with fringed edges of crimson scarlet.... 10

Fairy Blush. Large double fringed flowers; white tipped with rose..... 10

Brilliant Scarlet...... 5 **Rose**..... 5
Silver Gray..... 5 **Pure White**..... 5
Scarlet and Yellow..... 5

Mixed Carnation Flowered. Many colors 5
 Imported collection of 8 separate Carnation Flowered Poppies, 30 cts.

Double French Poppies, Mixed Colors. 5
Double Peony Flowered Poppies, Mixed. 5
White Striped Scarlet. An exquisite large double Peony flowered Poppy, striped with fiery scarlet on satin white..... 15

Chamois Rose. Splendid new Peony flowered Poppy; large; perfect ball-shaped flowers..... 10

Imported collection of Double French Poppies in 6 separate varieties, 25 cts.

For Hardy Perennial Poppies, see page 81.
 Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



Bedding Varieties that Bloom the First Season.

SALPIGLOSSIS.

(Painted Tube Tongue.)

One of the most beautiful of flowering annuals, forming strong bushy plants about 18 inches high, and bearing throughout the season large flowers of many beautiful colors, all exquisitely veined and laced.

Large Flowering Mixed. (See cut.) . . . Pkt. 10
Imported collection of 6 separate sorts, 50 cts.

SANVITALIA.

Proembens fl. pl. Beautiful trailing annual, well adapted from its dwarf and compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant, and are of a rich brown and yellow. Pkt. 10

SCABIOSA.

(Sweet Scabiosa.)

The "Mourning Bride" of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc. They are very effective for garden decoration, and equally valuable for cutting purposes. (See cut.)
Mixed Dwarf Double. 1 ft. Pkt. 5
Imported collection of 6 different colors, 30 cts.

New Leviathan Scabiosa.

Many of the flowers measure six to nine inches in circumference, and double clear to the centre, having long stems. (See cut.) We offer three distinct varieties:
"Royal Purple." Rich claret color. . . . Pkt. 15
"Snowball." Large pure white. (See cut.) . . . 15
"Beaten Gold." (Aurantiaca.) New and novel color, a beautiful golden yellow. . . 15
Maxima Plena, Mixed. New, large flowering, tall double sorts. 5

SALVIA.

One of our handsomest summer and autumn flowering plants growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decoration; perennials, but bloom first season from seed. (See cut.)
Fatens Bright blue. Pkt. 25
Splendens (Scarlet Sage.) Scarlet. . . . 10
Coccinea Lactea. Pure milk white. Height, 2 ft. (Annual). 10

SCHIZANTHUS.

(Butter-Fly Flower.)

Fine Mixed. Beautiful garden annuals, growing from 1 to 2 feet high; flowers beautifully fringed and delicately colored and marked. (See cut.) Pkt. 5

STOCKS or GILLI-FLOWER.

Dwarf Large Flowering Double Ten Weeks.

These well-known favorites require no description; they are indispensable to all lovers of flowers; the "Stocks of to-day" are greatly superior to the old types, the flowers being much larger and extra double.

Pure White. Pkt. 10	Mahogany. 10
Canary Yellow. 10	Bright Rose. 10
Sky Blue. 10	Copper Red. 10
Blood Red. 10	Carmine Rose. 10
Double Mixed, Large Flowering. 10	Wall Flower Leaved, Mixed. Double. 15
Dwarf Pyramidal, Mixed, Beautiful sort. 15	Snowflake. A beautiful dwarf growing variety; very large double snow-white flowers; very early. 15

Cut and Come Again. 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. 25
Fine Double Mixed. 10 Weeks Stock. . . . 5

Henderson's

New Colossal Stocks.

This magnificent strain is without a rival. The spikes of bloom and individual flowers are enormous in size and very double.
El Dorado. Bright sulphur yellow. . . . Pkt. 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
Colossal Stocks, Mixed Colors 20

Intermediate or Autumn Stock.
Double Mixed. Including many sorts, Pkt. 10

Biennial Stock.

Brompton, Finest Mixed. Large flowering double. Pkt. 10
Emperor or Perpetual, Mixed. Large flowering double, frequently lasts for several years if protected. 10

Imported Collections of Stocks.

Brompton or Winter Flowering. In 12 separate colors. Per collection, 75
Dwarf German Ten Weeks. In 12 separate colors, 75 cts., in 6 separate colors. . . . 50
Dwarf Pyramidal. In 6 separate colors. . . . 50
Emperor. In 6 separate colors. 50
Intermediate. In 6 separate colors. 50

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

HENDERSON'S COLLOSSAL STOCKS.



SALVIA SPLENDENS.



SCABIOSA, SNOWBALL.



Bedding Varieties that Bloom the First Season.

SUNFLOWER.

Stately growing annuals with immense golden yellow flowers; effective for garden decoration.

Single Varieties.

- Macrophyllus Giganteus.** A branching pyramidal shaped plant; yellow; 6 ft. 5
- Miniature Sunflower.** Of dwarf branching habit, bearing many little flowers; orange with black centre; 3 ft. 5
- Oscar Wilde.** Orange and black. 5
- Silver Leaved.** Silvery foliage; flowers yellow and black, very beautiful. 5
- Giant Russian.** Flowers 18 to 20 inches across; grown principally for the seeds, 5
- Sulphur Gem.** Very branched, each branch bearing flowers of a delicate sulphur-yellow with a black centre. The flowers are borne from within two feet of the ground to the summit, and come out in succession until killed by frost. 10

Double Varieties.

- Californicus fl. pl.** Large double orange. 5
- Globosus Fiatusus.** Perfectly round flowers; very double; saffron; 6 ft. 5
- Oculatus Virida.** Double yellow flowers, with green centre; 4 ft. 5
- Peruvianus.** Double orange, striped black, 10

VENIDIUM.

Calendulaceum. 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 ground, making veritable "mounds of gold." (See cut.) Pkt. 10

VERBENA.

For garden beds or massing the Verbena is unrivalled; flowers of the most brilliant colors, blooming continually from spring until late in the autumn. Although perennials, these form luxuriant plants and bloom profusely the first season from seed.

- Pure White** 15
- Striped Varieties** 15
- Bright Scarlet** 15
- Blue Varieties** 15
- Fine Mixed** 5
- Extra Choice Mixed Varieties**, from Peter Henderson's celebrated named collection 15

New Golden-leaved Verbenas. These flower the same as the ordinary, colors ranging through various shades. The golden yellow foliage is very effective.

- Mixed colors** 25

Henderson's Mammoth Verbenas.

This distinct and beautiful race originated with, and was first introduced and named by us "Mammoth." The average trusses measure 9 to 12 inches in circumference, and the individual florets on properly grown plants over 1 inch across—or larger than a 25c. silver piece. They bloom freely, are vigorous in growth, and contain all of the beautiful new colors and shades. (See cut.) Mixed colors. 25

VINCA.

Handsome bushy plants producing freely round single flowers 1½ inches across, suitable for pot culture and sunny flower beds; tender perennial, 1½ ft. Mixed colors. 10

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 Zinnias.

- Double White** 10
 - Orange** Pkt. 10
 - Scarlet** 10
 - Canary Yellow** 10
 - Dwarf Mixed** 10
 - Double Mixed.** Old type, tall. 5
 - Double Pomponé.** Long, cone-shaped flowers; pretty; mixed colors. 10
- Imported collection of 6 separate varieties, 50c.*
- Elegans Tom Thumb, Double Mixed.** Compact bushes, not over 12 inches high by about 14 inches in diameter. 15
 - Henderson's Zebra.** First named and introduced by us. The flowers are perfect in shape, of all colors such as orange, crimson, pink, yellow, violet, rose, scarlet, white, etc., three-fourths of which are striped, spotted and blotched with different shades, hardly any two plants producing flowers alike. (See cut.) Mixed colors. 10
 - New Mammoth Flowering.** (*Zinnia grandiflora plenissima fl. pl.*) The plant forms a handsome bush 3 ft. in height, and the mammoth, perfectly formed double flowers, measuring 5 to 6 inches across, of most intense and brilliant colors, comprise new and rich hues. Mixed colors. 15
 - Pigmy Mexican.** (*Zinnia Hangana pumila fl. pl.*) Of decided novelty and merit. The plants are of candelabra form, close and vigorous in habit, and are nearly covered with pretty flowers of an intense orange yellow. 25

VERBENA, HENDERSON'S MAMMOTH.



SUNFLOWER, SINGLE.



ZINNIA HENDERSON'S ZEBRA.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

GLOBE
AMARANTH.

HELIORHYZUM



EDELWEISS.

The flowers and grasses that we catalogue under this heading will all bloom the first season from seed, and while very effective for garden decoration yet are generally grown for the durability of their flowers or seed pods, which are of great value and beauty for arranging into winter bouquets. Their natural forms and beautiful colors remain for years as perfect as when gathered from the plants, the only care needed being to cut the flowers with long stems before they are fully open and to hang them in a dry, dark place, heads down, until thoroughly dry. Beautiful effects and combinations are sometimes made with artificial dyes, and if some of the grasses are dipped in water saturated with alum it crystallizes them with diamond-like drops which are very glittering and pretty.

ACROCLINIUM.

Elegant summer flowering annuals, forming plants about 1 foot high, bearing quantities of large double flowers of white, rose, etc., 1 to 2 inches across. They are splendid everlastings for winter bouquets.
Single Mixed... 5 Double Mixed... 10

GLOBE AMARANTH.

"Bachelor's Buttons," and the "amaranth" of the poets. They are annuals, forming bushy plants about 2 feet high, and bearing sometimes several hundred flowers of purple, white, striped, etc. Very ornamental as summer-blooming plants, and for "Everlastings" indispensable.
Mixed Colors... Pkd. 5
Nana Compacta, Mixed. Pyramidal plants, only a few inches high, one mass of flowers; pretty for edgings or pots. (See cut.)... 5

GNAPHALIUM.

Leontopodium. The famous "Edelweiss" of the Alps. The flowers, 2 inches across, are star-shaped, of downy texture, and pure white, and are greatly sought after as souvenirs. The plants succeed well in any well-drained, sandy soil, and they retain their natural appearance for years, and are highly desirable for dried bouquets, etc. 25

HELIORHYZUM.

Very showy summer blooming annuals; of free growth and producing in abundance flowers large, full and double, in shades of white, yellow, crimson, etc.; not only valuable as an "Everlasting" for winter bouquets but very handsome as garden plants.
Large Flowering, Double Mixed. 2 ft. Pkd. 5
Small Flowering, Double Mixed. 1 ft. ... 5
Fireball. Large, dark red, double flowers
Imported collection of 10 separate colors... 50

HELIPTERUM.

Sanfordi. Pretty annual, 12 inches high, producing large clusters of yellow flowers; very desirable "Everlasting"... Pkd. 5

HONESTY.

Silvery, transparent seed vessels, of beautiful effect for dried bouquets. (See page 80.)

RHODANTHE.

Maculata, Mixed. Elegant half hardy annual, admirably adapted for garden decoration in summer or for pot culture in winter, as they come into flower early and continue for a long time. They are largely used in Paris as decorative plants for apartments, on account of the durability of the flowers. As an everlasting for dried winter bouquets they are indispensable. Flowers of various colors, white, pink, crimson, etc. 1 ft. Pkd. 10

XERANTHEMUM.

Mixed. Showy, hardy annuals, of the east-coast culture and the flowers, of various colors, from their peculiar dry character may be preserved for a long time. 2 ft. 5
Superbissima, Mixed. A new variety of dwarf habit and very double flowers of various colors; hardy annual, 1½ ft. 10

ORNAMENTAL GRASSES.

These are highly valued for the double purpose of rendering the flower border attractive during the summer, and for the use of the spikes or panicles in a dried state for winter bouquets.

Agrostis Nebulosa (Cloud Grass). Feathery-like annual grass. 1½ ft. high. Pkd. 5
Avena Sterilis (Animated Oats). Elegant long drooping panicles; height 2 ft. 5
Briza or Quaking Grass. Very pretty seeds suspended to gracefully drooping spikes, B. Maxima (Large Quaking Grass).... 5
B. Gracilis (Slender Quaking Grass).... 5
Bromus Brizæformis, an elegant biennial grass about 2 ft. high, a beautiful object in the mixed border—bearing graceful panicles; useful for dried bouquets.... 5
Coix Lachrymæ (Job's Tears). A perennial succeeding as an annual. Its seeds are frequently threaded for children.... 5
Lagurus Ovatus (Hare's Tail Grass). A handsome annual, 1 ft. high, bearing woolly flower heads; of exceptional effect in winter bouquets.... 5
Stipa Pennata (Fencher Grass). Hardy perennial, with beautiful feathered boards; indispensable in winter bouquets.... 10
Collection of 12 Ornamental Grasses.... 10 00

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



The climbing plants catalogued under the above heading will all bloom and attain perfection the same season from seed. For immediate effects in covering trellises, arbors, piazzas, walls, old trees, houses, etc., they are indispensable, and in addition to their usefulness for shade and covering unsightly objects they add a grace and beauty to the surroundings, unobtainable without them. Many of them will grow 20, 30 and even 40 feet, but unfortunately being of only one year's duration it is necessary to sow seed each season. For permanent effects it is advisable to grow the varieties catalogued on page 66, which, however, are of slower growth. Full cultural directions given on each packet.

ARGYREIA.
Tilæfolia. A magnificent climber of rapid growth; with large, green heart-shaped leaves, silvery white underneath; very large flowers of white and violet. The seed should be sown in the house and the plants transplanted about the middle of May to a warm, sunny place in the garden. (See cut.).....Pkt. 15

BALLOON VINE.
 A rapid growing, handsome summer climbing annual, attaining a height of 10 to 15 feet, having small white flowers, which are followed by inflated seed vessels shaped like small balloons.....Pkt. 5

BYRONOPSIS.
 A beautiful summer climbing annual, with palmate leaves; its yellow flowers are followed by pretty, cherry-like, green fruits, which change to bright scarlet marbled with white. Height, 10 ft.....Pkt. 5

CALAMPÉLIS.
 A well-known beautiful annual climber, about 10 feet high. Trained to a trellis or south wall it is an ornamental object throughout the summer, its bright orange tubular flowers contrasting effectively with the delicate green of the foliage.... Pkt. 10

"CANARY BIRD" VINE.
 A rapid growing summer climbing annual, growing 10 to 15 ft. high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings.... Pkt. 10

CEPHALANDRA.
 Scarlet Fruited, Palm Leaved Climber. Palmata. A beautiful South African climber, growing rapidly, about 30 ft. 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..... 25

COBÆA.
Scandens. Elegant rapid growing climbers, 20 to 30 ft. high, that can be grown in the greenhouse or conservatory or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc.; flowers large and bell-shaped.
 — Blue..... 10 — White..... Pkt. 25

COCCINEA.
Indica. This is a remarkably pretty annual climber; foliage ivy-like, bright and luxuriant; never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits 2 inches long, which turn to brilliant scarlet, spotted with white, rendering the vine very pretty. 10 ft.....Pkt. 10

CONVOLVULUS.
 ("Morning Glory.")
 The well-known Morning Glories; splendid climbing plants; unequalled for rapidity of growth and profusion of bloom; annuals attaining a height of 30 to 50 ft.
 White.... 5 Blue..... 5 Striped... 5
 Rose..... 5 Blood Red. 5 Mixed... 5
Aureus Superbus. A smaller flowering sort, with flowers of golden yellow.... 10
Variated Leaf Morning Glory. (Ipomœa Marmorata.) Foliage beautifully striped and variegated, flowers of various colors. (See cut) 10
 For Dwarf or Bedding Morning Glories, see page 64.
 For *Convolvulus Mauritanicus*, see page 57

CUCUMIS.
 ("Snake Cucumber.")
Flexuosus. Rapid growing summer climber, an annual attaining a height of about 6 ft., with curious fruits 3 ft. long, which, when allowed to fully ripen, can be kept curiosities.....Pkt.

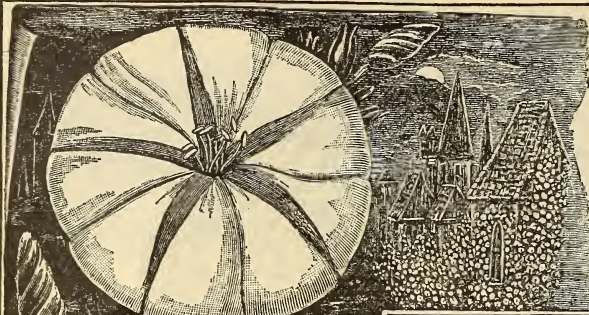


VARIATED LEAF MORNING GLORY



AR. TRIFIA.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



ORNAMENTAL GOURDS

SEEDS OF Climbers Blooming the First Season.

CYPRESS VINE.

Summer climbing annuals 15 to 20 ft. high, with delicate feathery foliage and star-shaped, borne in clusters.

White..... 5 Rose..... Pkt. 5
Scarlet..... 5 Mixed..... 5
Ivy Leaved Cypress. A variety with heart-shaped leaves and scarlet flowers..... 5

DOLICHOS.

The Egyptian or Hyacinth Bean; annual climbing plants of rapid growth; bearing large clusters of showy flowers; purple or white, 10 feet.
Purple..... 5 White..... Pkt. 5
Mixed Colors..... 5

GOURDS.

Summer climbers of exceedingly rapid growth and luxuriant foliage, for covering arbors, etc.; they bear fruits known as "Ornamental Gourds" which, when allowed to fully ripen on the vines, can be kept for months as curiosities. 10 to 30 ft. (See cut.)
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.)..... Pkt. 10
Dipper-shaped.. 5 White Nest Egg.. 5
Gooseberry..... 5

HERCULES' CLUB. Green fruits 2 to 5 ft. long
Serpent Gourd. Carmine fruits 3 to 6 ft. 1g
Mixed, small ornamental varieties..... 5
Mixed, large ornamental varieties..... 5
Imported collection of 12 separate sorts, 50 cts.

HUMULUS.

Japonicus. (Japan Hop.) Probably the most rapid climber grown; in 3 or 4 weeks' time attaining a height of 20 to 30 feet; resembling the common hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it.. 10

IPOMEEA.

Rapid growing summer climbers, among our prettiest for covering trellises, pillars, etc. Most rapid and luxuriant for warm sunny situations in the garden during the summer. Large beautiful flowers. (See cut.)
Burridg. Rose and crimson..... Pkt. 5
Coccinea. (Star Ipomoea.) Scarlet flowers 5
Limbatia. Violet, edged white, rose throat, 10

IPOMEEA—Continued.

Grandiflora. "The Moon Flower" or "Evening Glory." One of the grandest summer climbers grown, bearing immense pure white fragrant flowers in great profusion, opening in the evening and remaining open until noon the following day, and if cloudy all day. (See cut.)..... 10

New Hybrid Moonflower. The flowers are 5 to 7 inches across and bloom about 30 days sooner, opening earlier in the evening. Foliage and flowers vary in form on different plants, some flowers being scalloped, others perfectly round, others star-shaped; the foliage also varies from the original shape to oak-leaved and heart-shaped forms, thus adding charm and interest to this grand climber. (See cut.)..... 15

Large Flowering Ipomoeas, Mixed sorts, 10
Imported collection of 10 separate Ipomoeas, 75 cts.

For greenhouse Ipomoeas, see page 87.

LOASA.

Mixed. Annual climbers, 6 feet high, with curious flowers of orange, scarlet or white..... Pkt. 10

MINA.

Lobata. Rapid and luxuriant annual summer climber, 15 to 20 feet high. Flowers, 15 to 25 in number, borne on graceful spikes. Color rosy crimson, changing to orange and cream. (See cut.)..... Pkt. 15

MOMORDICA.

(Balsam Apple.)

Luxuriant annual climbers, 15 to 20 feet high, with large leaves, making dense shade. The inconspicuous flowers are soon followed with very ornamental, large fruits of orange or copper color, which burst and expose an interior of red, which is highly effective.

BALSAMINA. (Balsam Apple.) Orange fruits..... Pkt. 5
CALAVITA. (Balsam Pear.) Copper scarlet colored fruits..... 5

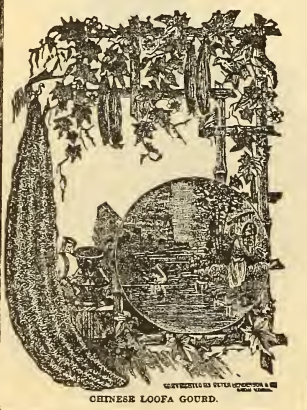
Involutrata. (New Red Balsam Apple.) A beautiful new variety. The flowers are very large, creamy white dotted with black, and the males pure white with red pistils. These are succeeded by sulphur yellow fruits 2 inches long, which change to scarlet; when ripe they burst and show the seeds of blood-red color. As the fruits and flowers are borne on the vine at the same time, the effect is gorgeous... 25

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

NEW HYBRID MOONFLOWER.



MINA LOBATA.



CHINESE LOOFA GOURD.



PHYLIANTHUS



THUNBERGIA



SWEET PEA, TYPE OF LARGE FLOWERING.

SEEDS OF **Climbers Blooming the First Season.**
NASTURTIUMS.

Tall or Climbing Varieties.

Beautiful and luxuriant annual climbers, for trellises and arbors; of easiest culture, bearing their gorgeous flowers in profusion until killed by frost. 6 to 10 ft.

Tall Rose.....	25c.	5	Orange.....	25c.	5
Purple.....	25c.	5	Crimson.....	25c.	5
Chocolate.....	25c.	5	Scarlet.....	20c.	5
King Theodora. Maroon.....	30c.	5			
Yellow, spotted crimson.....	25c.	5			
Lemon Yellow.....	25c.	5			
Scarlet, flamed purple.....	25c.	5			
Straw. Striped Scarlet.....	25c.	5			
Pearl. White.....	40c.	10			
Scarlet and Gold. Yellow foliage; flowers crimson scarlet; strikingly effective....	15				
Mixed Colors. Oz., 15c.; lb., \$1.25.....	5				

Imported collection of 12 climbing varieties, 50 cts.

For Tom Thumb Nasturtiums, see page 68.

Loeb's Nasturtiums.

Tropaeolum Lobbianum. The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtiums (offered above), but their greater profusion renders them superior for trellises, arbors, for hanging over vases, rock-work, etc.; the flowers are of unusual brilliancy and richness; they are also splendid for winter decoration in the greenhouse and conservatory. (See cut.)

Ebrillant. Rich scarlet.....	10
Epilare. Fiery red.....	10
Triomphe de Gand. Orange scarlet.....	10
Roi des Noirs. Black.....	10
Napoleon. Yellow, striped rosy scarlet.....	10
Princess Yellow. (Asa Gray).....	15
Tropaeolum Lobbianum. Mixed Sorts.....	10

PHYSIANTHUS.

(Cruel Plant.)

Albens. A rapid growing perennial climber (but usually grown as an annual) with quantities of pure white fragrant flowers, much like a single tuberose, which entrap insects. These are followed by large handsome seed pods; it is also very useful for greenhouse decoration. 20 feet (See cut.)...Pkt. 10

THUNBERGIA ALATA.

Rapid growing annual climbers, 4 to 6 feet high, splendid for trailing over trellises, fences, etc., beautiful flowers borne in profusion; buff, white, orange, etc. (See cut.)
 Mixed Colors.....Pkt. 25

SWEET PEAS.

No praise is needed for these lovely, deliciously perfumed annual climbers, further than to state that they have become unusually popular. They are now "the fashionable flower," and little bunches of them worn, carried or in vases are seen continually. 4 to 6 ft. high. (See cut.)

Scarlet Invincible. Scarlet.....	25	5
Adonia. Carmine rose.....	25	5
Butterfly. White, laced blue.....	25	5
Crown Princess. Blue.....	25	5
Princess Beatrice. Rose.....	25	5
Painted Lady. Rose and white.....	25	5
Indigo King. Rich indigo blue.....	25	5
White.....	25	5
Black Purple.....	25	5
Red Striped.....	25	5
Fairy Queen.....	25	5
Vesuvius. Spotted violet and rose.....	25	5
Invincible Carmine. Carmine.....	25	5
Mixed Colors. Per lb., 75c.....	15	5

Imported collection of 12 separate varieties, 50 cts.; 6 varieties, 25 cts.

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.

Cardinal. Crimson scarlet, distinct.....	10
Queen of England. Grand large white.....	10
Apple Blossom. Soft pink.....	10
Queen of the Isles. Rose, purple, scarlet and white striped.....	10
Grand Blue. Bright blue and violet.....	10
Duchess of Edinburgh. Scarlet and crimson, splashed white; wings rose.....	10
Delight. Creamy white, suffused 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, bluish wings; singularly delicate and pretty.....	10

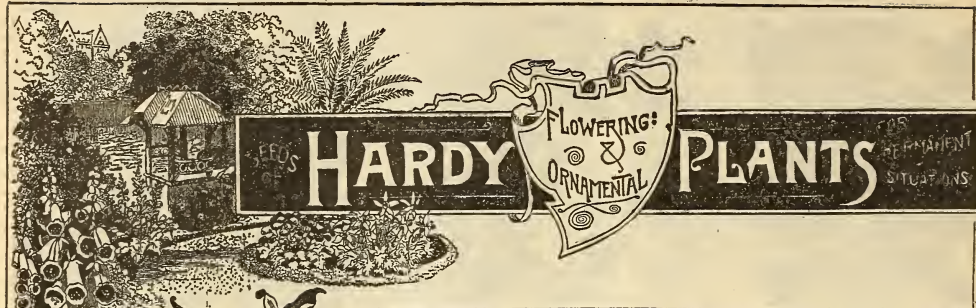
Eckford's Large Flowering Sweet Peas, Mixed Colors.

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.



LOEB'S NASTURTIUMS

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



THE varieties catalogued under this heading are all perennials, i. e., lasting for several years, and are all hardy with the exception of a few sorts specially mentioned, which will require protection in cold latitudes. We are glad to note that there is a rapidly increasing taste for this class of plants; scarcely any care is needed in their cultivation, and after they are up and established they continue to grow in beauty for years. They relieve the stiff formality of lawns and gardens decorated with only "bedding plants," and transmit an indescribable harmony and refinement impossible without them. Besides, they are valued for cutting for summer bouquets. Full cultural directions given on each packet.

ACHILLEA.

Pтарміа fl. pl. A free flowering hardy perennial, about 18 inches high, producing a wealth of purest white double flowers through summer and autumn.... *Plt.* 15

ACONITUM.

Napellus. Free growing, handsome, hardy perennial plants, with dark blue flowers; borne in abundance on tall spikes; a good plant for borders and clumps. 4 ft. *Plt.* 5

ADONIS.

Vernalis. Spring flowering Adonis. A charming hardy perennial, with large yellow showy flowers. Height, 9 inches.. 10
For annual Adonis, see page 60.

ALYSSUM (Hardy).

Dwarf hardy little spreading plants about a foot high; very showy for permanent borders and beds.

For annual Sweet Alyssum, see page 60.

Wiersbeckii. Summer blooming; yellow. 5
Saxatile Compacta. Spring blooming; dwarf; golden yellow. $\frac{1}{2}$ ft. 5

ANEMONE.

Coronaria, Mixed. Very showy hardy plants about 1 foot high, with large showy saucer-shaped flowers of hundreds of shades of color..... *Plt.* 10

AQUILEGIA. (Columbines).

Very handsome, ornamental hardy plants, growing 1 to 3 feet high; of easy cultivation and bearing in profusion large flowers of novel shape and in great variety of color. The stems rise about two feet high and carry from 50 to 80 blossoms. (See cut.)
Double White... 5. Double Mixed. *Plt.* 5
Double Striped. Red and white..... 5
Single Mixed..... 5
Rose-Colored. Charming rose-colored.. 25
Golden Spurred. (*Chrysanthia*) Beautiful long yellow spurred flowers..... 10
White Spurred. (*Chrysanthia alba*) Pure snow-white, with long spurs..... 25
Grigor's Hybrid Glandulosa. Immense flowers of richest ultramarine blue, surmounted by five short petals of purest white with delicate azure blue spots..... 25

ARABIS.

Alpina. Dwarf hardy perennial, producing tufts of flowers of pure white very early in the spring. Succeeds well in dry situations. $\frac{3}{4}$ ft. *Plt.* 10

ARMERIA.

(Sea Pink.)

Martima. Highly ornamental dwarf hardy perennial plants, growing freely in almost any soil; fine for edgings; rose-colored flowers. $\frac{1}{2}$ ft. *Plt.* 10

ASPERULA.

Odorata. (Sweet Woodruff.) Very pretty dwarf hardy plant, much esteemed for its delightful odor, which, when wilted, is much like new-mown hay, and when kept among clothes imparts an agreeable perfume to them. Flowers white. *Plt.* 10

BOCCONIA.

Japonica or *Cordata*. Stately foliage plants for lawns or pots; large beautiful leaves; hardy perennial..... *Plt.* 10

COREOPSIS.

Lanceolata. One of the most showy hardy perennials grown, forming tall plants 2 to 3 feet high, and bearing in profusion for a long period during the summer large flowers of bright golden yellow. Unequaled for cutting; grows anywhere *Plt.* 10

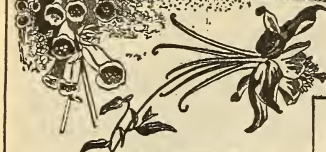
For annual *Calliopsis*, see page 62.

CAMPANULA.

(Bell Flowers.)

Well-known hardy favorites, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders and for pot culture.
Pyramidalis, Mixed. A grand sort, known as the "Pyramidal Bell Flower." Colors blue or white. Plants grow about 4 feet high in elegant pyramidal form.... *Plt.* 5
Rotundifolia, Mixed. "Blue Bell or Hair Bell." Little dwarf plants 6 to 12 inches high, bearing pretty bell-shaped flowers of blue or white..... 10
Punctata. Large, pendulous, bell-shaped flowers, white, dotted and striped with red. Produced the entire season. $1\frac{1}{2}$ ft. high. (See cut.) 25.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



AQUILEGIA.



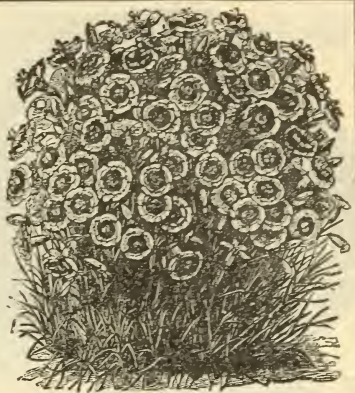
CAMPANULA PUNCTATA.



CANDYTUFT GIBRALTICA.



DELPHINIUM.



DIANTHUS PULCHERRUS

SEEDS OF **Hardy Flowers for Permanent Situations.**

CANTERBURY BELL.

Very ornamental garden plants of the easiest culture; hardy biennial. 2½ feet high, producing large, nodding and charming bell-shaped flowers of many exquisite shades. Single Striped. Blue, striped white. *Plt.* 10 Single Mixed. Rose, blue, white, etc... 5 Double Mixed. Rose, blue, white, etc... 5

"CUP AND SAUCER" CANTERBURY BELLS.

(*C. Calycanthema.*)

A comparatively new race. The flowers are large, of beautiful colors, resembling in shape somewhat a cup and saucer. (See cut, page 64.)

- Campanula Calycanthema, Mixed. *Plt.* 10
- — — — — Rosea. Beautiful rose color... 15
- — — — — Striped. (See Novelities.)..... 25

CANDYTUFT (HARDY).

Handsome, compact-growing hardy perennial plants, admirably adapted for the front rows of borders or for low clumps or beds; very valuable for early decoration. *Sempervirens.* White. 1 ft. *Plt.* 10 *Gibraltica.* Showy, large-growing, red, rose and white. 1 to 2 ft. (See cut.)... 10

For annual Candytuft, see page 63.

CERASTIUM.

Tomentosum. "Snow in Summer." Hardy perennial trailing plants, ½ ft. high, and silvery white foliage. Largely used as edgings for summer flower beds and as ground-work for carpet bedding. Large white flowers..... *Plt.* 10

CHRYSANTHEMUM.

Latifolium or *Maximum.* *The Great White "Moon-Penny" Daisy.* 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. (See cut.).... *Plt.* 25

For other *Chrysanthemums*, see pages 64 and 84.

DICTAMNUS.

(*Burning Bush, or Gas Plant.*)

Fraxinella. Forming dense bushes 2½ feet high, with lemon-scented foliage. The

flowers are borne in long spikes during June and July, and are also very fragrant. An interesting feature of the plant is that the vapor given off on a warm evening, if ignited, produces a bright flash. **Red Flowering.** .15. **White Flowering.** 15

DELPHINIUM.

(*Hardy Larkspurs.*)

These hardy "Dolphin Flowers" are very handsome and well-known perennials with splendid flowers and curiously out leaves; for permanent beds and borders they are indispensable.

- Brunonianum.* (*New Musk-Scented Larkspur.*) Flowers 1 to 2 inches across; light blue and purple, with a black centre emitting a powerful musky odor. Plant bushy, 6 to 12 inches high..... *Plt.* 25
- Grandiflorum Flore Pleno.* Flowers in long spikes, very double, and of rare beauty for cutting for vases. Charming colors, ranging through shades of blue from delicate porcelain and white to dark violet.... 25
- "Zalil." (*Hardy Yellow Larkspur.*) Sulphur yellow. Plant of branching habit, 3½ to 4½ ft. high, bearing spikes of 40 to 50 blossoms, each 1 inch in diameter, flowering from June till August..... 15
- Cashmerianum.* Pale blue flowers, 1 to 2 inches across. 2 ft. 10
- "Le Mastodonte." (*Giant Bee Larkspur.*) Large blue flowers. 3 to 6 ft. 25
- Formosum.* Blue, white centre, 2 to 3 ft. 5
- Nudicaule.* Large scarlet flowers, 1½ ft. 10
- Finest Mixed Single Hybrids.**..... 5

For annual varieties, see *Larkspurs*, page 66.

DIANTHUS or PINKS.

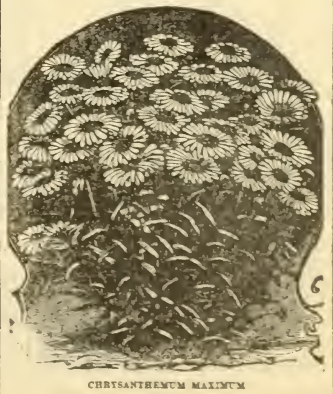
Hardy Perennial Varieties.

Highly valued for the great beauty and fragrance of their flowers. These make splendid bushy plants, from 1 to 2 ft. high, for permanent beds and borders. *Gardnerianus* 2 pl. Mixed. (*Double Hardy Garden Pink.*) Large fringed flowers *Plt.* 5 *Plumarius* 2 pl. Mixed. (*Double Pheasant's Eye Pink.*) Double fringed flowers; fragrant and of white crimson or purple shades, spotted and variegated, 9 to 12 inches high..... 25 *Scoticus* Mixed. (*Scotch Paisley Pink.*) 50 *Sempervirens Hybridus* 2 pl. (*Double Mule Pink.*)..... 50 *Plumarius* Mixed. (*Feathered Pheasant's Eye Pink.*) Large single fragrant flowers of beautiful colors and finely fringed. 5

For annual *Dianthus*, see pages 65 and 58



CANTERBURY BELLS.



CHRYSANTHEMUM MAXIMUM

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



HENDERSON'S SUPERB HOLLYHOCK.



DIGITALIS MONSTROSA.



HIBISCUS CALIFORNICUS.

SEEDS OF **Hardy Flowers for Permanent Situations.**

DIGITALIS.

(Foxglove.)

Perfectly hardy plants 3 to 5 ft. high, and of the easiest culture; they are very ornamental, having long spikes of large showy flowers ranging through shades of purple, white, rose, yellow; some beautifully spotted. Mixed Colors..... Pkt. 5
 Spotted Varieties only, Mixed..... 10
 Monstrosa, Mixed Long spike of many flowers surmounted with one enormous flower; novel and beautiful. (See cut.).. 15

DODECATHÉON.

(New Giant American Cowslip.)

Clevelandi. This beautiful Californian perennial throws up stems of flowers fully 1 foot high, these being surmounted with from 6 to 10 large, beautiful, Cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy, and a beautiful plant for partially shaded situations. (See cut.)..... Pkt. 25

GEUM.

Atrosanguineum fl. pl. Showy hardy perennial with brilliant scarlet double flowers borne in clusters on long stems; fine for cutting. 1½ ft. high..... Pkt. 10

GLAUCIUM.

Luteum. (Horned Poppy.) Silvery leaved hardy perennial plants, 1 to 2 ft. high, with remarkably bright yellow flowers produced in great abundance all the summer; very effective border plant... Pkt. 5

GOLDEN ROD.

America's National Flower. The favorite yellow wild beauty, hardy perennial, 2 to 3 feet..... Pkt. 5

GYNERIUM.

(Pampas Grass.)

A most noble and beautiful lawn plant, growing 6 to 10 feet high, bearing large, white, woolly plumes in the autumn; for specimen clump and sub-tropical effect this is indispensable; in the north it will require protection, or they can be kept over in frames.. 15

HIBISCUS.

(Marsh Mallows.)

Strong-growing hardy perennials, about 4 feet high, of very easy culture and exceedingly showy; the large cup-shaped flowers frequently measure 6 inches across. (See cut.)
 Coccineus. Bright scarlet..... Pkt. 10
 Californicus. White flowers, with deep carmine centre. One of the most valuable plants of recent introduction. (See cut.) 10

HONESTY.

(Lunaria biennis.)

The "Moonwort." A hardy biennial of pyramidal form, two feet in height. The flowers are purple, followed by the transparent silvery seed pods, so much sought after for dried winter bouquets.... Pkt. 10
 New Variegated Satin Flower or Honesty. A strikingly handsome variety, the foliage being distinctly variegated with green and white..... 25

HOLLYHOCK.

Henderson's Superb Double.

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. Hardy biennial, 5 to 8 ft. high. The seed we offer has been saved from our unrivaled collection of choicest improved double varieties. (See cut.)
 Double White..... 15. Pink..... Pkt. 15
 Double Salmon..... 15. Crimson..... 15
 Canary Yellow..... 15. Maroon..... 15
 White, Violet Centre..... 15
 Fine Mixed. Includes many colors..... 10
 Extra Choice Mixed. From Chater's collection..... 15
 Japanese Tokio. A most beautiful Japanese variety, bearing large double flowers twelve to fifteen inches in circumference; very distinct and picturesque, the petals being beautifully frilled, of a rich wine maroon at the base, shading to cherry red, and broadly edged with white..... 25
 Crimson Pyramid. It grows only 12 to 18 inches high, and produces glowing crimson semi-double flowers from June to September..... 35
 Imported collection of 12 separate sorts, \$1.25.
 Imported collection of 6 separate sorts, 75 cts.

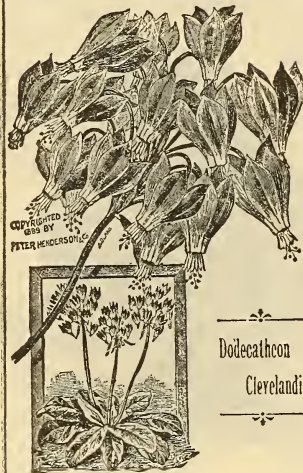
LAVENDER.

An ornamental hardy perennial, growing from 1 to 2 feet high, bearing long spikes of fragrant blue flowers..... Pkt. 5

LOBELIA.

Hardy Varieties.

Tall-growing hardy perennials, 2 to 4 ft. high, with showy spikes of richly colored flowers; for permanent beds and borders they are indispensable.
 Cardinalis. "Cardinal Flower." Long spikes of intense scarlet flowers; one of the most brilliant plants in cultivation; suitable for all situations, even succeeding on the shady side of a house. 4 ft. (See cut.) 10
 Mixed Hardy Hybrids. Contains many beautiful varieties..... 25
 For annual Lobelia, see page 67.

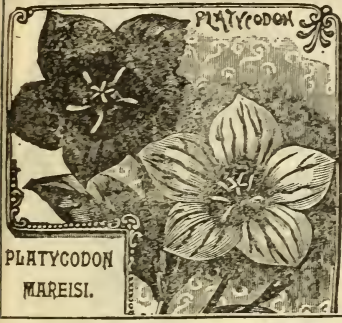


Dodecatheon
Clevelandi.



LOBELIA CARDINALIS.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



DOUBLE PYRETHRUMS.

DOUBLE PYRETHRUMS

SEEDS OF **Hardy Flowers for Permanent Situations.**

LYCHNIS.

Chalcedonica. The scarlet Lychnis, an old garden favorite, deserving a place in every garden; very hardy, growing 3 to 4 ft. high, bearing heads of bright scarlet flowers. *Pld.* 10
For Haagana varieties, see page 87.

MIMULUS—Hardy.

Among the most ornamental hardy garden flowers, upright growth; 2 to 3 ft. high; showy and profuse bloomers for borders. **Mixed Hardy Varieties.** 1 to 3 ft. *Pld.* 10

PÆONY.

Double Mixed. Grand hardy, herbaceous plants, well-known ornaments of our gardens, with large double flowers of various colors. 2 ft. high. *Pld.* 10

HARDY PRIMROSES.

Beautiful low-growing, early spring flowering plants, fine for rockeries, borders, pot culture, etc.; the flowers are borne in umbels or clusters on the top of stalks about 4 to 6 inches long. *The Cowslip and English Primroses are perfectly hardy, but the other varieties should be protected in cold latitudes or be grown during the winter in frames.*

- Cowslip. Mixed Colors.** (*Primula Veris*.) The well-known favorite English Cowslip, flowering early in spring. $\frac{3}{4}$ ft. *Pld.* 5
- Auricula. Fine Mixed.** (*Primula Auricula*.) Umbels of fragrant flowers, of many rich colors. $\frac{1}{2}$ ft. 10
- Polyantha. Mixed.** (*Primula Elatior*.) Early blooming for spring flower beds or pot culture; the large round flowers are borne on stalks 8 inches tall. 10
- Duplex Mixed.** (*Hose in Hose*.) One flower sitting in another. 25
- Japanese Primrose.** (*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. 15
- English Primrose.** (*Primula Vulgaris*.) The old favorite common yellow Primrose, now so popular and fashionable in England. 10
- Siberian Primrose.** (*Primula Cortusoides*.) Deep rose; beautiful and free flowering 10
- Rose Colored Alpine Primrose.** (*Primula Rosea*.) A new hardy variety 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. 25

For Greenhouse varieties of Primula, see page 86.

PENTSTEMON.

Beautiful garden perennials, growing from 2 to 3 ft. high, with white, pink, scarlet or blue flowers and markings, 10. **Large Flowering Mixed** 25

PHLOX DECUSSATA.

Magnificent hardy flowering plants, growing into strong bushes from 2 to 3 ft. high, bearing immense heads of large waxy flowers of lovely shades of color. (*See cut.*) **Hardy Phlox.** Fine mixed varieties. *Pld.* 10
Large Flowering Hybrids. Mixed 25
For Phlox Drummondii, see page 70.

PLATYCODON.

(*Wahlenbergia*.)

Large Flowering. Mixed colors. The large flowered Chinese Bell Flower; showy hardy perennial, about a foot high, bearing large, broad, bell-shaped white, blue or pink flowers; very handsome for garden decoration in the summer and fall. 10
Mareial. It grows sturdy and compact bush, its many branches bearing numbers of beautiful, large, open, bell-shaped flowers of a rich violet blue. The appearance of the plant in bloom is exquisite. (*See cut.*) 25

POPPIES—Hardy.

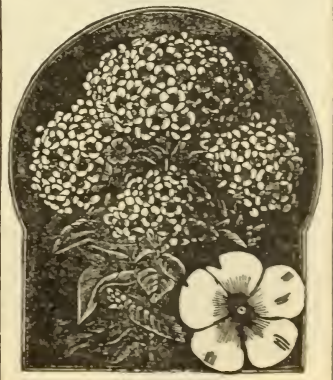
For permanent beds these brilliant large flowering hardy Poppies stand unrivaled; the flowers average 6 to 9 inches across, and are simply grand when in flower; the plants are robust growers, 3 to 4 ft. high. (*See cut.*)
New Hybrid Oriental. Containing charming new colors: pink, blotched purple, blood red, blotched black, glowing scarlet, reddish orange, salmon, etc. *Pld.* 25
Bracteatum. Orange scarlet. 10
Oriental. Dark scarlet, purple spots . . . 10
For Annual Poppies, see pages 70 and 71.

PYRETHRUM.

Valuable hardy border plants, throwing up numerous stems about 2 feet high, each surmounted with large flowers 3 or 4 inches across, of bright colors, such as rose, flesh, pink, white, crimson, etc. They remain in bloom a long time. (*See cut.*)
Single Large Flowering Hybrids, Mixed. 10
Double "Golden Feather." 25
Roseum. (Persian Insect Powder Plant.) Rose color. 1 ft. 10
Cinerarizofolium. (Dalmatian Insect Powder Plant.) 10
For Pyrethrum, "Golden Feather," see page 71.



ORIENTAL POPPY.



PHLOX DECUSSATA.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



ROMNEYA



TRITOMA.



SWEET

WILLIAM.

SEEDS OF Hardy Flowers for Permanent Situations.

ROSE.

Hardy, Double Mixed. Flowers the second year, hardy perennial. 3 to 6 ft. Pkt. 15
Monthly Tea, Double Mixed. Half hardy perennial. 2 to 4 ft. 15
New Hybrid Polyantha Roses. These beautiful roses will flower throughout the summer until frost, from seed sown early in the spring. Flowers of various colors, most of them double, although a few of them will come semi-double and single. Mixed colors. 25
New Climbing Polyantha Roses. New, handsome, hardy, climbing roses, of very vigorous and branching habit, flowering profusely in bouquet-like clusters throughout the summer. Mixed colors. 25

RUDBECKIA.

(Texas Cone Flower.)
Newmanii. This robust-growing perennial grows 2 ft. high; is very popular for border decoration. It is of the easiest possible culture, and bears very large golden yellow flowers, 3 to 4 inches across, with velvety maroon centre cone. (See cut.) Pkt. 15
For annual Rudbeckias, see page 71.



RUDBECKIA NEWMANII.

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. *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 Paeonies, 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. (See cut.) 15*



TUCCA FILAMENTOSA.

SCABIOSA.

Caucasica. Extract from the "Garden": One of the handsomest hardy perennials 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
For annual Scabiosa, see page 72.

SWEET ROCKET.

Mixed Colors. Fragrant purple and white flowers, hardy perennial. 2 to 3 ft. Pkt. 5

SWEET WILLIAM.

(*Dianthus Barbatus.*)

Hardy plants about 1 foot high of extreme richness and variety of color, and also deliciously sweet-scented; for clumps or borders, no plant can surpass this old favorite. (See cut.)

Henderson's Perfection, Single Mixed. Large flowering. Extra choice. Pkt. 15
Single Mixed. 5
Double Mixed. 10
Henderson's Perfection, Double Mixed. Large flowering. Extra choice. 25
Imported collection of 12 separate sorts, 75 cts.

TRITOMA.

(*Red Hot Poker Plant.*)

Uvaria. Splendid hardy perennial plants, admirably adapted for single clumps on the lawn or among shrubbery, where its tall spikes of orange red flowers make an effective display from August until December. (See cut.) Pkt. 10

VALERIAN.

Showy hardy perennials, 1½ feet high, with large heads of bright rose, scarlet and white flowers, mixed colors. Pkt. 5

SINGLE VIOLET.

The "Sweet English Violet," a favorite hardy little plant, 6 inches high, prized for its long continued bloom and its delicate odor. Light Blue. 10 Purple. Pkt. 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. 25

WALLFLOWER.

Exquisitely fragrant long spikes of single or double flowers.

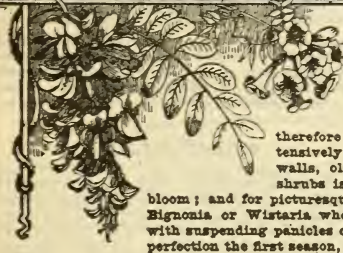
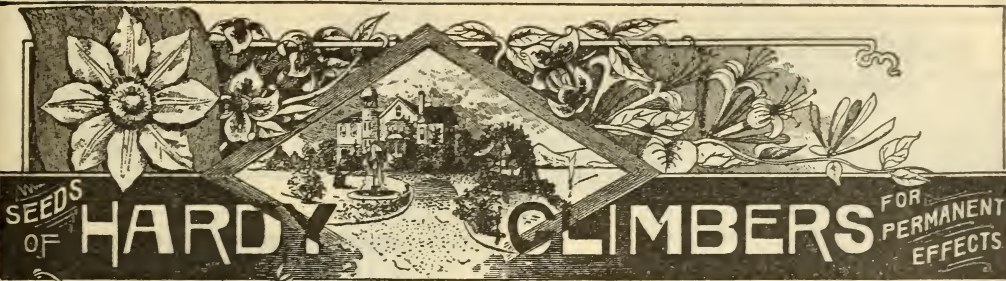
Single Large Flowering, Mixed. Pkt. 5
Double Large Flowering, Mixed. 10
Imported collection of 6 double sorts, 50 cts.

YUCCA.

(*Adam's Needle or Spanish Bayonet.*)

Filamentosa. A very desirable hardy perennial, of picturesque and showy effect when grown as specimens on the lawn or in borders. The flowers are creamy white, very large bell-shaped, borne sometimes as many as 300 on a single spike; grows freely in any soil; 4 to 6 ft. high. (See cut.) Pkt. 10

Refer to the Index (2d page cover) for Flower Seeds you cannot readily find.



Under this heading we offer seeds of **HARDY** Climbing plants which are indispensable for permanent decoration of arbors, houses, walls, old trees, etc. Ampelopsis and Kenilworth Ivy cling from rootlets thrown out along the stems and therefore are self-supporting and in consequence extensively used for covering stone and brick houses, walls, old trees, etc. Clematis trained over low shrubs is one of the most beautiful objects when in bloom; and for picturesque beauty nothing can exceed that of the Bignonia or Wistaria when twining around and through tree-tops, with suspending panicles of gay flowers. (For climbers which attain perfection the first season, see pages 75 to 77.)

Full cultural directions given on each packet.

ABOBRA.

Viridiflora. A pretty climber, growing about 10 feet high; the perennial roots should be kept over winter like a Dahlia; foliage dark green and glossy, flowers small but followed by bright scarlet fruits, which make the plant very effective. *Pkt. 10*

ADLUMIA.

(*Mountain Fringe or Alleghany Vine.*) This charming climber is a hardy biennial. Seeds sown near an arbor or trellis in May will flower freely the following season without further care; the foliage is beautiful and feathery, flowers rose-colored. 15 ft. *Pkt. 10*

AMPELOPSIS.

(*Boston or Japan Ivy.*) *Vitcehl.* One of the most valuable of our hardy climbing plants; it is extensively used for covering houses, clinging with great tenacity to wood as well as brick or stone, and in summer the leaves overlapping each other, forming a dense sheet of rich glossy green which in the autumn changes to the most gorgeous shades of crimson, scarlet and yellow; it grows rapidly from seed. (*See cut.*) *Pkt. 10*
Royli. A new variety. Similar to "Veltchli," but with larger foliage and of more rapid growth, and foliage more highly colored in autumn. *Pkt. 20*

ARISTOLOCHIA.

(*Dutchman's Pipe Vine.*) *Sipho.* One of our best hardy perennial climbers; it frequently grows 20 feet in a season; leaves very large and luxuriant, making dense shade; the flowers are brownish yellow, curiously mottled, in shape very similar to a pipe. *Pkt. 10*

ASPARAGUS.

Broussoneti. Beautiful hardy perennial climber, 10 feet, with feathery foliage and scarlet berries; in the autumn this is a very ornamental object. *Pkt. 10*

BIGNONIA.

(*Trumpet Creeper.*)

Grandiflora. Hardy climber of rapid and luxuriant growth; 40 to 60 feet high, and very picturesque and effective grown on old trees, arbors, walls, etc. Handsome large clusters of orange red flowers. *Pkt. 10*

CLEMATIS.

Paniculata. One of the finest hardy species in cultivation. Of robust habit, climbing about 12 feet high, and covered from the ground to the summit with pure white, deliciously fragrant flowers, so freely produced as to completely hide the foliage. In September the flowers are followed by pretty seed pods of bronzy red. (*See cut.*) *Pkt. 25*

- Large Flowering Mixed (Jackman's).* Flowers 3 to 4 inches across, of charming shades of blue, white, purple, etc. *25*
- Coccinea.* Tubular flowers of waxy vermilion, interior yellow. *15*
- Crispa.* Bell-like flowers of exquisite pale blue and white; very fragrant. *15*
- Flammula.* Fragrant white feathery flowers, in clusters; much admired for its grace. *10*

KENILWORTH IVY.

Hardy little climber, 3 to 6 feet high, clings to walls, etc., and a valuable trailing plant for hanging baskets, vases, etc. *Pkt. 10*

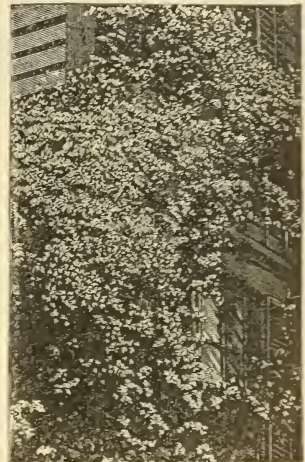
LATHYRUS.

(*Hardy Sweet Peas.*)

Latifolius. Hardy Climbers, growing 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. — *Red, White or Mixed.* *10*
Splendens. "The Pride of California." Brilliant rosy red. *10*

CHINESE WISTARIA.

Of luxuriant and rapid growth, bearing in the spring immense panicles of purple or white flowers produced in great profusion. Height, 50 to 75 feet. *Blue.* *10c.* *White.* Fragrant. *Pkt. 10*

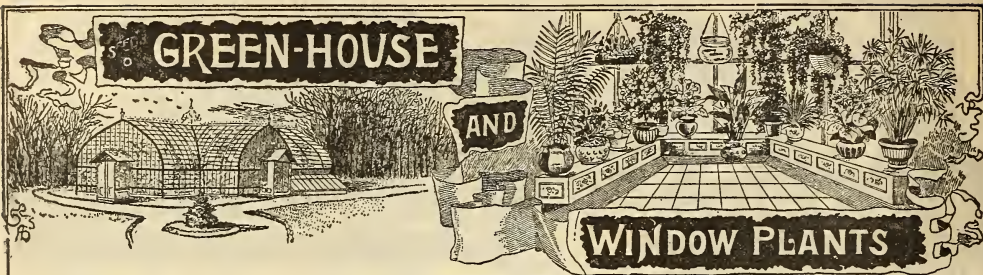


CLEMATIS PANICULATA.



AMPELOPSIS VITCEHL.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



The seeds we offer under this heading include some of the most important and beautiful of our flowering and ornamental-leaved plants for the decoration of the window garden, conservatory or greenhouse. In addition to the varieties here given, many others are frequently grown from seed for the same purpose—notably, *Calendula*, p. 62, *Chrysanthemums*, p. 64, *Geraniums*, p. 66, *Lobelia*, p. 67, *Oxalis*, p. 68, *Mignonette*, p. 68, *Musa*, p. 68, *Petunias*, p. 70, etc. Full cultural directions are given on each packet.

ABUTILON.

Beautiful perennial plants for greenhouse and window culture, blooming almost continually winter and summer; also succeeding well in the open ground in summer. Flowers bell-shaped, 1 to 2 inches across. Red, white, rose, orange, etc. 2 to 4 ft. Finest Mixed Varieties.....Pkt. 25

ACACIA.

Finest Mixed. Handsome half hardy perennial greenhouse shrubs, 3 to 6 ft. high, with large clusters of bright flowers. Pkt. 10

ACHIMENES.

These are splendid and profuse summer blooming plants for the conservatory or warm window decoration; height, 1 foot; flowers of many charming colors, ranging through all shades from white to crimson, including many beautifully spotted. Finest Mixed.....Pkt. 50

ARALIA.

Siebold. Beautiful foliage plant, with large leathery deep green palm-like leaves, of great value as a decorative plant for greenhouse or window garden in winter, or for the lawn in summer; tropical appearance, perennial, 2 to 4 feet high.....Pkt. 15

AZALEA.

Mixed Varieties. Showy winter flowering shrubs for greenhouse; large beautiful flowers, tender perennial, 1 to 4 ft. Pkt. 25

BEGONIA.

Magnificent flowering plants for pot culture. The "tuberous rooted" varieties are becoming deservedly popular for garden bedding, flowering in the greatest profusion all summer. The individual florets will average from 6 to 9 inches in circumference, and are of all colors. 1 foot. Tuberous Rooted, Single, Finest Mixed. 15

Finest Double Mixed..... 25
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

CACTUS.

Singular and beautiful tender perennials, adapted for pot culture in the window or greenhouse; the flowers of some are very beautiful and the foliage of others very curious and interesting. Mixed varieties. 25

CALCEOLARIA.

Gorgeous plants for greenhouse and window decoration; the large, pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors, yellow, magenta, crimson, etc., spotted and blotched in the most unique fashion. 1 1/2 feet. (See cut.) Large Flowering, Spotted and Mottled Varieties, Mixed.....Pkt. 50
Large Flowering, Self-colored, Mixed. Flowers of all one color..... 25
Vesuvius. Rich scarlet. (See Novelities.) 50
Rugosa, or Bedding Varieties, Mixed..... 50

CARNATION.

Indispensable plants for both pot culture in the greenhouse, window garden and open ground culture in summer; of innumerable colors and delicious perfume. 1 to 2 feet. (See cut.)

Bizarres, Choicest Mixed. Flakes, fancy and selfs, very double, including crimson, rose, white, yellow, purple, striped and flaked with various colors.....Pkt. 50
Perpetual, or Tree Mixed. From a choice collection. Fine for winter flowering.. 50
Picotee, Choicest Mixed. Flowers all of one color, white or yellow; each petal, bordered with purple, red or rose..... 50
Le Favori. Rosy carmine..... 25
Hermine. Snow white..... 25
Jean Sisley. Salmon yellow..... 25
Grenadin. Very valuable for garden or pot culture, blooming fully three weeks earlier than other Carnations. Habit dwarf and compact, brilliant double scarlet flowers, 25
White Grenadin..... 25
Finest Double Mixed..... 25
Double Mixed. A small per cent. will come single..... 10
Marguerite. (See page 63.)

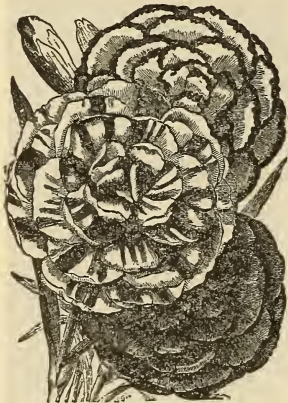
Imported collection of 6 finest double Carnations, separate, 50 cts., or 12 for \$1.00.

CHRYSANTHEMUM.

(Paris Daisies.)

These are the "French Marguerites" or "Paris Daisies" so much grown for cut flowers. They make elegant pot plants for winter flowering and flower all summer in the garden. Bushy plants about 18 inches high. *Frutescens Grandiflorum*. White.....Pkt. 10
Comtesse de Chambord. Yellow..... 25

For *Chrysanthemums* flowering the first season, see page 64; for *Hardy Sorts*, see page 79.



CARNATIONS.



CALCEOLARIAS.

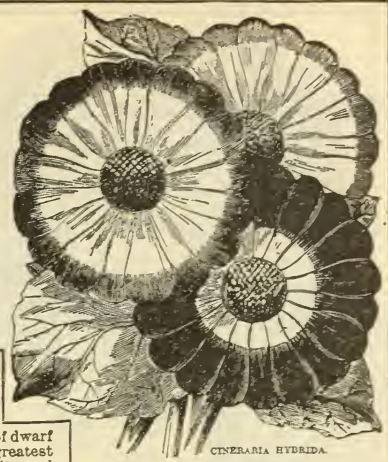
Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



FUCHSIA.



CYCLAMEN GIGANTEUM.



CINERARIA HYBRIDA.

SEEDS OF **Greenhouse and Window Plants.**

CINERARIA.

Hybrid or Flowering Varieties.
Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades, covering the plant with a sheet of bloom. (See cut.)
Cineraria, Large Flowering Mixed. From choicest prize varieties. 2 feet....Pkt. 50
Good Mixed..... 25
Double Large Flowering Mixed..... 50
New Pyramidal. Plants of a beautiful pyramidal form; flowers borne in immense heads and run through all the various combinations of color usual in a high class strain..... 75
New Large Flowered Crimson. A rich velvety crimson; flowers of largest size, with a double row of petals..... 50

CYCLAMEN.

These are among the most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The colors range through shades of pink, crimson, white, spotted, etc. Most of them are, moreover, delicately fragrant.
Persicum, Finest Mixed.....Pkt. 25

Giant Persian Cyclamen.

Flowers of extraordinary size, and of great substance. The leaves are proportionately large and beautifully marked. (See cut.)
Giganteum, Mixed. 2 to 2½; in. long Pkt. 50

DRACENA.

Indivisa. A foliage plant, extensively used for the centres of vases and for pot culture; thin arching leaves, 2 to 3 ft.Pkt. 10

ECHEVERIA.

Metallica. Large pinky fleshy leaves, for ribbining or pots, flowers yellow and red; tender perennial, 1 ft. Pkt. 25
Secunda Glaucia. Small bluish white fleshy leaved plant for ribbining and pots, flowers yellow and red; tender perennial, ¼ ft. 25

FERN.

Greenhouse Varieties, Mixed. Graceful conservatory or window plants, growing 6 in. to 2 ft. high..... Pkt. 15

FUCHSIA.

Choice double and single sorts of this elegant pot plant; tender perennial, 1 to 2 ft. Mixed colors. (See cut.).....Pkt. 15

GLOXINIAS.

Most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion, and are of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled and blended. Under the commonest culture they bloom continuously for months. 1 foot. (See cut.)
Large Flowering, Choice Mixed....Pkt. 50
New Scarlet Deference. Glowing crimson-scarlet, edges delicately frilled..... 50
Emperor Frederick. Vivid scarlet, margined by a clear white band..... 50

GREVILLEA.

(Silk Oak.)
Robusta. Very beautiful and graceful foliage; highly valued as a decorative plant for the table, and when large for tropical lawn effects; tender perennial, 3 to 5 ft. (See cut.).....Pkt. 10

HELIOTROPE.

Deliciously fragrant flowering plants, growing about 1 to 2 feet high; great favorites for pot culture in the winter or bedding out in summer; large umbels of purple, lilac or white flowers are continuously borne.
Finest Mixed.....Pkt. 10
Queen of Night. Rich black purple..... 15

HUMEA.

Elegans. An elegant biennial, 4 to 6 feet high; for pot culture or sub-tropical effects on the lawn it is beautiful and effective. The minute flowers are borne in immense numbers on long drooping branches. Colors ruby red, pink and crimson; and delightfully fragrant.....Pkt. 10

IMPATIENS.

(Zanzibar or Sultan's Balsam.)
Sultana. Most beautiful and useful flowering plant, producing waxy bright rose-colored flowers almost continually, winter and summer; tender perennial, 1 ft. Pkt. 15

KALANCHOE.

Carnea. Strikingly beautiful perennial for pot culture. Commences to flower at Christmas, and continues until February. The flowers are borne in large wax-like clusters; color a beautiful delicate pink; deliciously fragrant. 1¼ ft. Pkt. 25

LANTANA.

Fine Mixed. Rapid growing constant blooming perennial plants for pot culture in the winter or garden decoration in the summer; clusters of orange, white, pink, etc. 1 to 3 ft.Pkt. 10

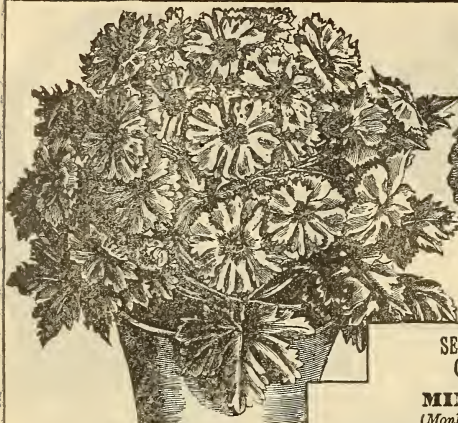


GREVILLEA.



GLOXINIA.

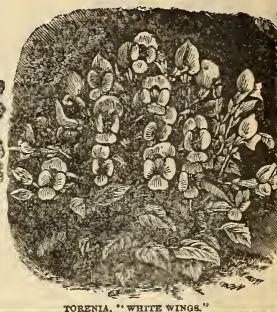
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PRIMULA SINGLE FRINGED.



DOUBLE PRIMULA.



TORENIA, "WHITE WINGS."

SEEDS OF GREENHOUSE AND WINDOW PLANTS.

MIMULUS.

(Monkey Flowers.)

Mimulus are admirable pot plants, and equally adapted for beds in the garden, in semi-sunny positions. The coloring and markings are rich in the extreme, ranging through velvety crimson, maroon, yellow, white and pink, spotted and blotched in a beautiful manner.

New Emperor. The flowers are of the "Rose in Hose" style, of great size, and of remarkably rich and varied colors... 25
Henderson's New Mammoth. A magnificent strain of enormous size. (See cut.) 25
Fine Mixed Spotted Varieties...... 10
Moschatus. (Musk Plant.) Foliage emits a strong musky perfume; yellow..... 10

PALM.

For decorating the greenhouse, lawn, piazzas, parlors, dinner-tables, etc., nothing can rival their rich and tropical effect.

Areca Lutescens. One of the loveliest of the *Areca*s; of clean, quick and graceful growth; tall arching, divided leaves; stems yellow..... Pkt. 25

Brabea Filamentosa, or Pritchardia. Large fan-shaped leaves, with thread-like filaments hanging from the segments. A handsome decorative palm; a rapid grower, and for bedding out or as a vase palm it is scarcely equalled. (See cut.)..... 25

Kentia Belmoreana. A splendid variety, very graceful and for table decoration scarcely has its equal. Excellent for room culture, as neither variations in temperature nor gas affect it. Rapid grower... 25

Latania Borbonica. "The Bourbon Palm." A well-known and very handsome species. Large, broad, shining green, fan-shaped leaves. Unsurpassed for either parlor, hall, piazza, lawn or greenhouse decoration, of medium quick growth..... 25

PANDANUS.

(Screw Pine.)

Utilis. One of our most valuable decorative plants; withstands gas, dust and ill usage; they make fine specimens, 2 to 4 ft. high, with long, arching leaves; grand for centres of vases, specimens in pots, etc.... Pkt. 25

PELARGONIUM.

(Lady Washington Geranium.)

Grand plants for pot culture; colors are rich in the extreme, and beautifully marked; the flowers, an inch or more across, are borne in immense clusters through spring and summer. Height, 1 to 2 ft. Finest Mixed.... 50

CHINESE PRIMROSES.

The "Chinese Primrose" is a great favorite for the house and conservatory. The foliage is pretty and attractive, and the flowers $1\frac{1}{2}$ to 2 inches across, borne in clusters of from 25 to 50, of perfectly charming colors and borne all through the winter and spring. One of our best pot plants. (See cut.)

Single Fringed Varieties.

White..... 50. Striped..... Pkt. 50
 Carmine. Yellow Eye. 50. Red..... 50
 Scarlet. Sulphur eye..... 50
 Spotted. White and crimson..... 50
 Alba Magnifica. The finest pure white; flowers $2\frac{1}{2}$ inches across..... 75
 Mixed Large Flowering Fringed..... 50
 Fern Leaved. Mixed, foliage long and Fern-like..... 50
 Fine Single Mixed Colors (not fringed)... 25

Double Fringed Varieties.

Double Red..... 75. Double White..... 75
 Double Mixed Sorts..... 75
 Cristata Wana. A dwarf, semi-double variety, snow white flowers; very profuse, 50

Other Greenhouse Primula.

Obconica. Flowers pale lilac, borne in umbels on long stems; delicately fragrant; in pots it will flower continuously for the greater portion of the year; plant dwarf and compact, 6 to 12 inches high..... Pkt. 25
Floribunda. Foliage deep green, stems of both leaves and flowers red, making a charming contrast to the whorls of bright yellow flowers, borne during the autumn and winter months..... 25

For Hardy Primulas, see page 81

STREPTOCARPUS.

(New Hybrid Cape Primroses.)

A dwarf greenhouse perennial, growing nine inches high. The flowers are borne in remarkable abundance for about four months in summer and autumn. The colors range through white, red, violet, blue, rose, and all are blotched with purple and white.... Pkt. 50

TORENIA.

Beautiful plants for vases, baskets, etc.; they bloom continually during the summer in the open ground, and also in the winter in the greenhouse. Height, 6 to 12 inches. **Fournieri.** Porcelain blue and rich violet; throat bright yellow; very free flowering, 15
Bailion. 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

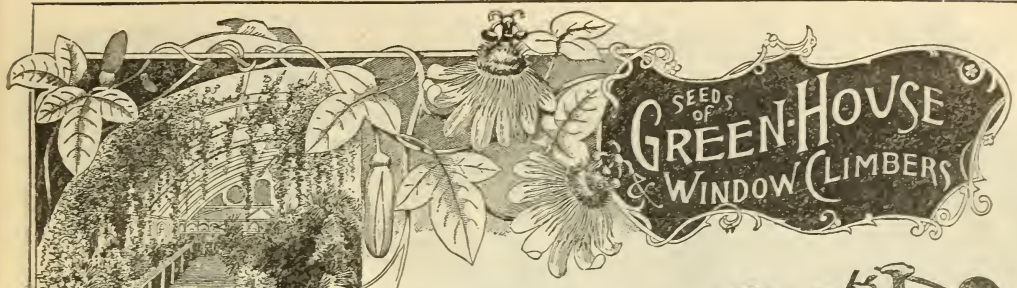
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MIMULUS TIGRINUS, HENDERSON'S MAMMOTH.



PALM, BRAHEA.



The climbers that we offer under this heading grow readily from seed and are especially adapted for greenhouses and window culture. Antigonon, Aristolochia, Lapageria, Passion Flowers

and Ipomoea of the varieties described below are strong growers and are very effective for training on rafters. Asparagus, Clanthus, Maurandia, Smilax and Rhodochiton are smaller growers and particularly adapted for low trellises and growing in pots. In addition to these climbers the following are frequently grown in the greenhouse: notably *Cobaea*, p. 75, *Tropaeolum*, p. 77, *Thunbergia*, p. 77, etc.

Full cultural directions are given on each packet.

ANTIGONON.

Leptopus. A magnificent climber for a warm greenhouse or conservatory; the carmine rose colored flowers are borne in long spikes. It is a perennial, and hardy south of Washington.....Pkt. 15

ARISTOLOCHIA.

Elegans. A rapid growing climber with very novel flowers; color, externally, white veined with purple; internally, rich purple-brown, irregularly marked with white. It grows rapidly from seed, flowers the first year, and is an exceedingly attractive greenhouse climber, and useful for outside decoration in summer. The blossoms are borne profusely, even on small plants. (See cut.).....Pkt. 25
For *Aristolochia Siphon*, see page 83.

ASPARAGUS.

Plumosus Nana. A greenhouse climber, with exquisitely graceful and feathery bright green foliage; it is extensively grown by florists for cutting purposes, the lace-like leaves being used for bouquets, baskets and other decorations. Per packet of 5 seeds.....25

CLIANTHUS.

(*Australian Glory Plant*)

Dampieri. Tender perennial, shrubby trailing. Succeeds best when treated as an annual; rather difficult to handle, and must not be at any time transplanted. One of the most beautiful plants grown for either the greenhouse or border, and the flowers of scarlet, blotched with black, are borne in gorgeous clusters. (See cut.).....Pkt. 15

LAPAGERIA.

Rosea. Magnificent tender perennial greenhouse climber, with large bell-shaped flowers of rose color, spotted inside with white; the stems are round and branching, and can be trained to almost any length... 50

MAURANDIA.

Graceful annual climbers for window or conservatory, or for open ground in summer; admirable to hang from vases, cover stumps and low trellises, flowering freely. 6 to 10 ft. (See cut.)
Mixed..... 10
Baclayana, rich violet, 10

PASSION FLOWER.

Handsome, rapid-growing perennial climber, for greenhouse decoration or sunny positions in the open ground in summer.
Incarnata or Southern "May Pops." This beautiful climber will bloom the first season from seed. The flowers, two or 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.....Pkt. 15
Cerulea. Large flowers of violet and blue 15
Von Volzemi (Tacsonia). Large scarlet 25
Constance Elliott. Pure Ivory white, flowering profusely; very fragrant..... 25

SMILAX.

Charming tender perennial climber for greenhouse or window gardens; it forms "strings" about 6 feet long which are extensively used for decorating apartments, and for this purpose alone smilax is grown in immense quantities by American florists. The foliage and stems are of a pleasing light green, very graceful and delicate and remains fresh after cut for several days.....Pkt. 10

CONVOLVULUS.

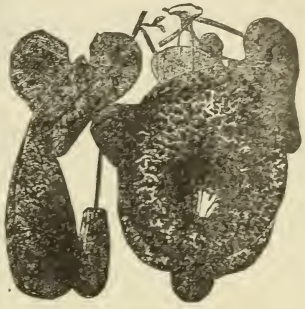
Mauritanicus. A beautiful trailing perennial. 3 feet. For vases, baskets, etc.; flowers blue, white and yellow throat.... 10
For "*Morning Glories*," see page 75.

IPOMEEA.

Learl. "The Blue Dawn Flower." Although this does wonderfully well outside in the summer, yet it is generally grown as a greenhouse climber, and it is most beautiful, bearing clusters of the most lovely sky blue flowers imaginable, and measure fully 5 to 6 inches across.....Pkt. 25
For other *Ipomoeas*, see page 76.

RHODOCHITON.

Voluble. A charming climber, growing about 10 feet high and a pretty subject for trellises. The leaves are heart-shaped, about 3 inches long, the upper surface bright green, with large dark veins, and the under side as well as the stems purplish red. The flowers are about 2 inches long, curiously formed and of a rich claret red, and hang on long graceful stems. It flowers freely from seed the first season.....Pkt. 25



ARISTOLOCHIA ELEGANS.

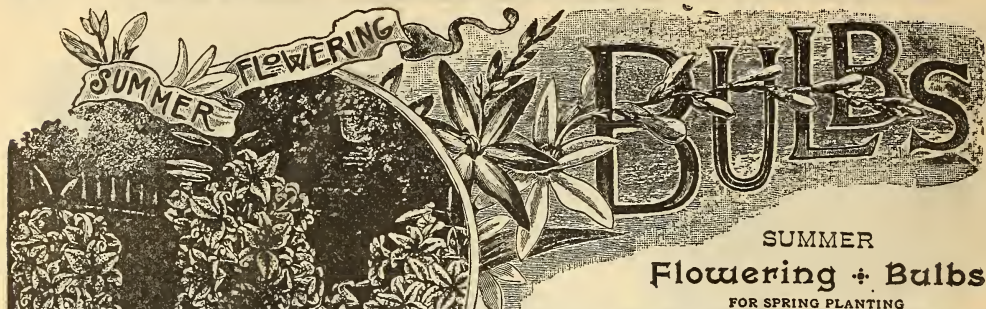


CLIANTHUS DAMPIERI.



MAURANDIA.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



FOR SPRING PLANTING

Are of the earliest possible culture, sure to grow and bloom in lavish abundance, producing flowers of the richest colors and quaintest forms; their popularity is rapidly widening. The bulbs are easily kept in paper bags in any cool closet until planting-out season in May. In the autumn when the bulbs are thoroughly ripe, which is indicated by the foliage dying down, the bulbs can be lifted and kept for the next season's planting.

LILY BULBS. (Add for postage 3c. per bulb.)

Auratum. (See cut.) (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 6 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. \$1.25 each, \$12.00 per doz.

Humboldtii. (*Bloomeriana*.) A remarkably fine variety, attaining the height of from 3 to 5 feet, and producing freshly large flowers of golden yellow color, spotted with purple. A native of California; July, 60c. each, \$5.00 per doz.

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, 90c. each, \$3.00 per doz.

—**Rosum.** 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.

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 6 feet. 10c. each, \$1.50 per doz.

Fardalium. Scarlet, shading to rich yellow, freely spotted with purple-brown; 3 feet; July and August. 25c. each, \$2.50 per doz.

Washingtonianum. A beautiful California variety, growing stiff and erect; flowers white, tinted with purple and lilac; 8 to 9 inches across when fully expanded. 3 to 5 feet high; blooms in the summer; 30c. each, \$3.00 per doz.

LILIUM AURATUM.



AMORPHOPHALLUS RIVIERI.

AMORPHOPHALLUS RIVIERI.

A very remarkable and showy plant with enormous palm-like foliage spreading in the shape of an umbrella. The stem of deep green is marbled with brown and white, a desirable plant for specimens or groups on a lawn. The flowers are very large, of deep red, and are produced before the leaves appear. It is chiefly grown, however, for the luxuriant tropical effect of the foliage. It should be planted out in May. Price, extra large bulbs, 50c. each, \$5.00 per doz. Postage, 6c. extra per bulb.

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.

Transference.	Price by Exp.	Price by Mail.	
Extra elze bulb.	10 to 12 inches	\$1.00	\$1.25
First "	8 to 9 "	"	65
Second size "	6 to 7 "	"	35
Third size "	4 to 5 1/2 "	"	20

Cocperia Drummondii. (*Evening Star Flower*.) Planted out in the garden in the spring in May, 12 to 25 or more 4 to 6 inches apart will bloom successively from May to September; the flowers are star-shaped, with long tubes, pure white and exquisitely fragrant with the odor of primrose. 10c. each, 75c. per doz., \$5.00 per 100.

THE CHINESE SACRED LILY.

Known also as *Joss Flower*, or *Flower of the Gods*, and the "Shui Sin Far," or "Water Fairy Flower," as it is sometimes called by the Celestials, is a bulb, bearing in the greatest abundance silvery white flowers with a bright golden yellow cup in the centre of each. They are of entrancing beauty and emit a delicious perfume. It is grown by the Chinese to herald the coming of their New Year and as a symbol of good luck. While the bulb can be grown in a pot, the most novel and beautiful way is to grow it in a shallow bowl of water with enough pebbles to prevent it from toppling over when the immense spikes of flowers are developed. The short time required to bring the bulbs into full bloom—4 to 6 weeks after planting—and the fact that it can be grown everywhere and by anybody, is certain to secure a permanent popularity for the "Sacred Lily." A dozen bulbs, planted one a week, will give an enphry of flowers from February to May. (See cut.) Large bulbs of the true sort, direct to us from China, we offer for 25c. each, \$2.50 per doz. Free by mail.



CALADIUM ESCULENTUM.



THE CHINESE SACRED LILY.



PANCRATIUM CALATHINUM.

CRINUM KIRKII.

This magnificent variety produces flowers of the greatest beauty. Usually, two flower stalks of dark purple color are sent up at the same time, each bearing a large umbel composed of a dozen or more enormous lily-like flowers of wondrous beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the centre. The variety is so beautiful that it invariably elicits general admiration. (See cut.) Extra large bulbs, each \$1.25. (If by mail, \$1.40.)

CRINUM AMERICANUM.

A beautiful variety that rivals the above in statelyness and grandeur. The flowers, produced in great abundance, are pure white, waxy-like and fragrant. Strong flowering bulbs, each, 50c., \$5.00 per doz. (If by mail, add 10c. each extra.)

HYACINTHUS CANDICANS.

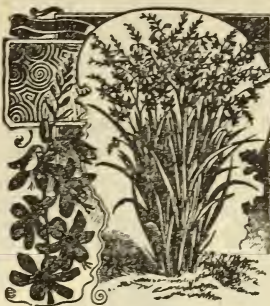
(Giant Summer Hyacinth.) Luxuriant, free-growing, summer-flowering plant, spreading 2 to 3 feet, throwing up great, tall spikes 4 to 5 feet in height, each bearing 20 to 30 large white bell-shaped flowers; of easiest culture and splendid for groups. If planted in the centre of beds of scarlet Gladiolus, such as Brenchipensis, the effect is magnificent. (See cut.) 15c. each, \$1.50 per doz. Postage, 5c. per bulb extra. Seed, per packet, 10c.

MADEIRA VINE.

The old favorite "Climbing Mignonette." Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. 5c. each, 50c. a doz.



CRINUM KIRKII.



MONTBRETIA ROSEA.

MONTBRETIAS.

These 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.

— **Crocusiflora.** (See page 92.)
— **Rosea.** Charming rose color. (See cut.) 20c. each, \$2.00 per doz.

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.

— **Lasandra.** Rosy pink, 15c. per doz., \$1.00 per 100.
— **Deiphi.** Rosy white, 15c. per doz., \$1.00 per 100.

PANCRATIUM CALATHINUM.

(Peruvian White Sea Daffodil.) A Peruvian bulb, bearing handsome clusters of large, striking, very fragrant, nearly 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.) 30c. each, \$3.00 per doz. (If by mail, add 5c. each extra for postage.)

TIGRIDIAS.

(Cockflower 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 30c. per doz., \$2.50 per 100.
— **Favonla Grandiflora.** Very large bright crimson, centre mottled with yellow. 5c. each, 60c. per doz., \$3.00 per 100.
— **Grandiflora Alba.** (See page 92.)

DOUBLE PEARL TUBEROSE.

This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well known to need any description. It delights in a strong, rich, deep, well-drained, warm soil; manure, heat and water are essential to its perfect development. This variety, which we introduced and named, grows only twenty-four inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a camellia; deliciously fragrant. (See cut.) Extra size bulbs, 8c. each, 15c. per doz., \$4.00 per 100. (Add for postage 10c. per doz. extra.)

Orange Flowered Tuberoses.

Deliciously fragrant star-like flower, 1 1/2 inches across, purely white, borne on stems 3 to 4 feet high; the single tuberoses flowers several weeks earlier than the double sorts. Price, 8c. each, 75c. per doz., \$4.00 per 100. (If by mail, add for postage 10c. per doz.)

ZEPHYRANTHES:

"Zephyr Flowers" and "Flowers of the West Wind," among our most beautiful dwarf bulbous plants, very effective for planting out in masses in May, flowering with great profusion during the summer. They are also most suitable for pot culture; 6 to 12 bulbs clustered in a 6-inch pot in the autumn will give a fine display of bloom during the winter in the window garden or conservatory. 1 foot high.

— **Atamasco.** White, suffused with flesh color; hardy. We know of borders of it as far north as Connecticut, which have stood the colds of several winters. 5c. each, 50c. per doz., \$2.50 per 100.
— **Rosea.** (See page 92.)

— **Texanus.** Bright yellow 20c. each, \$2.00 per doz.



HYACINTHUS CANDICANS.



TIGRIDIAS.



DOUBLE PEARL TUBEROSE



NEW "SNOW-WHITE" GLADIOLUS.

HENDERSON'S SPECIAL SET OF 12

"REALLY GRAND GLADIOLUS."

Magnificent new varieties of Gladiolus are produced by the art of hybridizing, but unfortunately the slowness of working up a stock of any special sort prevents them from being offered at a low price for several years. A stroll through our many acres of varieties, containing these new sorts, revealed some of which we could supply a few hundred bulbs, the varieties being of such rare beauty that we concluded to select a set that we offer at the moderate prices quoted below.

Abricotee. 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. 60 cts. each, \$5.00 per doz.

All. Splendid tall and compact spike, with numerous and perfectly arranged flowers of quite a peculiar and remarkable color; the ground of the upper petals is of a very pale creamy rose, striped and pencilled cherry red, one (or more frequently two) of the lower petals is yellow with a rose sheen and finely rayed or striped purple-red.

Aurore. A very bright and lovely variety. Flowers of largest size, bright salmon-rose, striped orange, carmine and lilac, with beautiful blotch of cherry-rose streaked with lilac.

Baroness Burdett Gonts. Delicate lilac tinged with rose, flamed rosy purple-spike very long, flowers unusually large. A decided acquisition.

De Lessops. 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 spike 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 Bongo. A magnificent variety. Splendid, strong spike of enormous flowers; bright scarlet, with violet blotch.

Mr. Balme. A splendid grower. Tall spikes of immense flowers of burnished orange-red. One of the most striking in our fields.

Miss. Maries Miles. Exquisite delicate rose, flamed with carmine, with blotches of rosy purple on pure white ground. Flowers of unusually large size, forming a dense spike.

Mme. Auber. A tall, well-filled spike of extra large and beautifully shaped flowers, silvery lilac-rose, dappled with crimson-rose toward the edges; blotches creamy white. 60 cts. each, \$5.00 per doz.

Sunshine. The best yellow ever produced. Strong, upright grower, with enormous spikes of large flowers of much substance; color pure, rich yellow.

PRICE FOR ANY OF THE ABOVE, NOT SPECIALLY MENTIONED, 30 CTS. EACH, \$3 PER DOZ., OR THE FULL SET OF 12 FOR \$3, FREE BY MAIL.

GLADIOLUS SEED. This will produce flowering bulbs in 2 to 3 years' time, of many beautiful varieties.

Gandavensis Hybrids. Mixed varieties.....Per packet, 10 cts.

Lemoinei Hybrids. Mixed varieties....." 10 cts.

GLADIOLI

THIS magnificent family contains hundreds of varieties, comprising all imaginable colors, shades and variations, 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, and in the autumn when fully ripe, indicated by the foliage dying down, the bulbs can be dug and again stored in a cool, dry closet.

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 petals. 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. Together the largest flowers and spikes, cut of all various spikes. The Massachusetts Horticultural Society awarded this Gladiolus the Prize as the best White Gladiolus introduced, and also three years before a First-Class Certificate of Merit. (See cut.) Price, free by mail, 25 cts. each, \$2.50 per doz.

NEW HARDY SWISS GLADIOLUS, "TURCENSIS."

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 glaucous rosy scarlet, with small white feathers on the lower petals. Price, free by mail, \$1.25 each, \$12.00 per dozen.

LOW PRICED GLADIOLUS IN MIXTURES.

OUR GLADIOLUS BULBS are all first size, 4 to 6 inches in circumference.

As desired by mail, add for postage 10c. per dozen.

	Each.	Per doz.	Per 100.	Per 1,000.
All Colors Mixed.....	5c.	50c.	\$2.00	\$18.00
Extra Fine American Hybrids, Mixed.....	5c.	50c.	3.00	25.00
White and Light Varieties Mixed.....	5c.	50c.	3.25	30.00
Striped and Variegated Varieties Mixed 5c.	5c.	50c.	3.25	30.00
Pink Varieties Mixed.....	5c.	50c.	3.25	30.00
Red and Scarlet Varieties Mixed.....	5c.	50c.	3.00	18.00
Yellow Varieties Mixed.....	5c.	50c.	3.25	30.00
Scarlet and Pink, with White Throats.....	8c.	60c.	4.00	35.00
Lemoinei's Buttery Gladiolus, Mixed.....	8c.	60c.	4.00	35.00

One dozen each (108 in all) of the above mixtures, all kept separate, for \$4.00; 60 each (450 in all) for \$18.00; 100 each (900 in all) for \$25.00.

As desired by mail, add at the rate of 10c. per dozen for postage.

GLADIOLUS IN COLLECTIONS (free by mail).

Surprise Collection, 12 choice mixed, each bulb of a different variety, for \$0.60	
Elton " 12 extra choice seedlings, unnamed, each different, " .75	
Rainbow " 12 choice named varieties.....	1.25
Newport " 12 new and rare varieties, named.....	2.00
Special Set of 12 Really Grand Gladiolus.....	3.00
Collection of 60 Named Varieties, page 81.....	6.00
or, Full Set of the above 6 Named Collections.....	14.00

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. Therefore, to induce trial of these magnificent sorts, we offer them this season at a very low and uniform price.
Price for any of the Gladiolus on this page, free by mail, 12 cts. each, \$1.25 per dozen; or the set of 60 varieties for \$6.00.

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.
Le Candeur. *C.* White, lightly striped with carmine-violet.
John Bull. *A.* White, slightly tinged with sulphur.
Diamond. *A.* Flowers extra large, fleshy white, of a remarkable freshness, throat ivory-white, blotched and streaked carmine, new color of exceptional distinctness, early flowering; a magnificent plant.
Shakespeare. *A.* White, very slightly suffused with carmine-rose; large rosy blotch

ROSE AND PINK GLADIOLUS.

- Archduchess Marie-Christine.** *A.* White, slightly tinged with lilac, flamed rosy carmine; large flowers of excellent form, very handsome spike.
Caration. *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 pencilled 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.
Sylvia. *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. *E.* Profusely blotched and flaked bright rosy salmon on a pure white ground; handsome spike of grand effect.
Fou 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, a distinct white line running through each petal, and a large pure white blotch on the lower; a remarkably showy variety.
Flamboyant. *B.* Beautiful spike of large flowers, fiery scarlet; very effective variety.
Brenchleyensis. *C.* Bright vermilion-scarlet.
General Sherman. Large, magnificent scarlet, fine spike.
Lord Byron. *B.* Brilliant scarlet, blotched and flaked pure white; very showy.
Myrbeec. *C.* Brilliant scarlet, flamed with vermilion amaranth-red blotch.
Romulus. *A.* Very brilliant dark red, large pure white blotch, white lines on lower petals; very showy.

VIOLET AND PURPLE GLADIOLUS.

- 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 Bamey. *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.
Faidins. *C.* Very brilliant purple ground, slightly tinged with violet, large white blotch, feathered with carmine-cherry; very showy.

ORANGE-RED GLADIOLUS.

- Antiope.** *B.* Light orange-cherry, with a dark carmine blotch on pure white ground.
Mac-Mahon. *C.* Satin-orange-colored cherry-rose, striped red; first-rate.
Pyramide. *B.* Handsome and perfect spike, broader at the lower part than at the top; large, well-expanded flowers of the brightest and most delicate orange-rose; plant of medium height, exceptionally fine.
Rei Leopold. *B.* Bush rose, slightly suffused with orange and shaded deep currant-red, white blotch.

CARMINE GLADIOLUS.

- Dumont D'Urville.** *A.* Very long spike; a bright cherry, flaked and striped rich carmine; distinct pure white blotch, white stripe in the centre of each petal.
Eugene Souchet. *C.* Fine spike, bright carmine-rose color, relieved by a large white blotch and stripes, rising from the intense colors at the edges of the petals; very fine, effective variety.
Thamis. *B.* Fine spike of delicate satin-rose colored flowers, conspicuously dusted 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.

GARNET AND AMARANTH RED.

- Addison.** *B.* Dark amaranth with white stripes.
Constance. *B.* Of semi-dwarf habit, very vigorous, producing regularly compact and well-furnished spikes of amaranth-red flowers, with a small creamy white blotch.
African. *C.* Entirely distinct variety of quite a novel color, slaty brown on scarlet ground, streaked with scarlet and pure white, with conspicuous white blotch; a dark colored variety of remarkable effect; dense spike.

YELLOW GLADIOLUS.

- Chrysolora.** This is the finest variety of its color in existence; the spikes are large and perfectly shaped; color, a superb rich yellow, exquisitely threaded crimson at base of petals.
Crossus. *B.* Very large flower, yellow, shaded darker toward the centre, flamed carmine at the edges, and feathered amaranth-red on salmon ground.
Isaac Buchanan. *A.* Finest yellow, very massing.
Martha Washington. *B.* Light yellow, lower petals slightly tinged rose, large flowers, and fine spikes.

BUTTERFLY GLADIOLUS.

LEMOINE'S LARGE STAINED HYBRIDS.

- Engelsirri.** Very deep pink; lower petals blotched bright maroon.
Infant 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.
Lamarckine. Large flowers; rosy flesh, large bright maroon blotch on the lower petals.
Lemoine. Good-sized flowers, closely set on the spike upper petals of a creamy white color, tinted salmon-red, the lower ones spotted with deep purplish crimson; bordered with lilac.
W. E. Gumbleton. Flowers very large and open; purplish rose, streaked with rich carmine; spots velvety, surrounded with yellow; an unusually beautiful variety.
Marie Lemoine. Long spike of fine, well-expanded flowers; upper divisions of a pale creamy color, lower divided into three; light yellow and salmon red. Lower division spotted purplish violet, bordered deep yellow.



SPIKE OF GLADIOLUS.

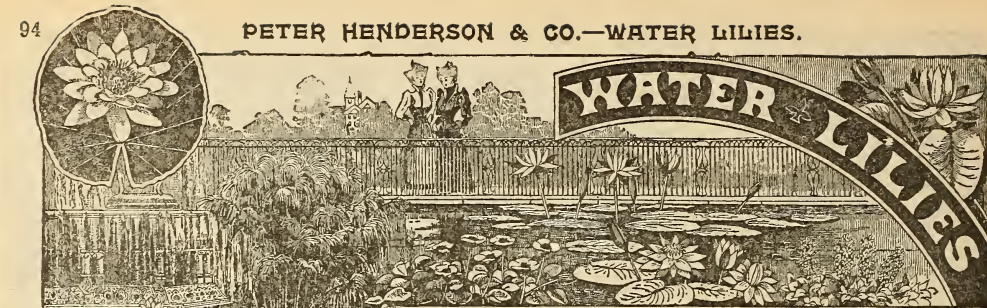
LILAC GLADIOLUS.

- 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.
Esander. *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.

Price for any of the above, free by mail, 12c. each, \$1.25 per doz.; or the collection of 60 varieties on this page (each separately named) for \$6.00.

PETER HENDERSON & CO'S
1892.
Summer
Flowering
BULBS





THE FAMOUS EGYPTIAN OR SACRED PINK LOTUS.

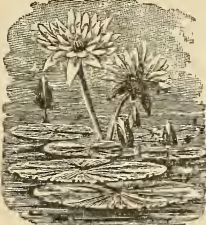
(*Nelumbium Speciosum.*)

A noble aquatic; the leaves attain at the time of blooming a height of 6 to 6 feet above the surface, and measure from 20 to 30 inches across; the immense flowers are frequently over a foot across and of a lovely white shading into deep pink at the edges. It is a luxuriant grower and blooms profusely, and is easily cultivated. When the roots are planted below frost-line it has proved perfectly hardy in New Jersey. (See cut.) Price of roots, \$2.00 each; seeds, per pkt., 25c.

THE AMERICAN YELLOW LOTUS.

(*Nelumbium Luteum.*)

Though a native it is not common. In general appearance and habit it is almost identical with the Egyptian Lotus, excepting the flowers, which are of a rich sulphur yellow, six inches across and strongly fragrant. Price of roots, \$1.00 each; seeds, per pkt., 15 cts.



NYMPHÆA DENTATA.

Marine blue; may be flowered all the year round in moderate warmth. Leaves light green, slightly spotted. Price of roots, \$2.00 each; seeds, per pkt., 50 cts.

THE ZANZIBAR WATER LILIES.

(*Nymphaea Zanzibarensis.*)

The flowers, while not so large as those of the above varieties—only 4 to 6 inches across—yet are produced in such continuous abundance throughout the season until frost, and will even continue until late in the winter if the tubs are removed to the greenhouse, they give the best of satisfaction, and besides are enchantingly fragrant. The flowers remain open from in the morning until 4 o'clock in the afternoon. For cultivation in tubs it is, perhaps, the best of all. Plants from seed will flower freely the first season, though commencing much later in the season than when roots are planted. (See cut.)

Azure Blue. Price of roots, \$1.50 each; seeds, per pkt., 25 cts.

Rose Color. Price of roots, \$1.50 each; seeds, per pkt., 25 cts.

Dark Purple. Price of roots, \$1.50 each.



NYMPHÆA ZANZIBARIENSIS.

THE ease with which Water Lilies and Aquatics are cultivated, the certainty of handsome results the same season they are planted, the magnificent flowers of great variety of form and color, their delicate perfume and the great fascination in growing them, is making the water garden widely popular. All of the varieties may be grown in half barrels or tubs two-thirds full of well-enriched soil covered with an inch or two of sand, filled with water and placed in a sunny position in the lawn or a fountain basin, though the cultivator generally becomes so enthusiastic in a season or two that an artificial pond is created, which is easily done and at small cost.

We will mail, free, to all customers of water lily roots or seeds our pamphlet on their culture giving directions for preparing artificial ponds, etc., and wintering over the roots, etc.

WATER LILY SEEDS. Under most of the varieties we offer seeds; they are easily grown but are not likely to produce flowering plants the first season. The Zanzibarensis varieties, however, excepted, these, if properly handled, flower freely in a few weeks' time.

WATER LILIES—HARDY.

NYMPHÆA ODORATA.

The well-known white fragrant water lily indigenous to our ponds. Price of roots, 25 cts. each, \$2.50 per doz.; seeds, per pkt., 25 cts.

NYMPHÆA CANOISSIMA.

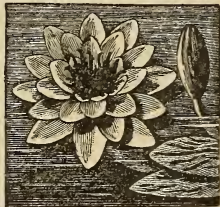
The large-flowered white variety of Europe. Flowers 6 inches across and waxy white; leaves 10 to 12 inches across. It flowers earlier and continues longer than our native species. Price of roots, \$2.50 each.

NYMPHÆA ALBA ROSEA.

Cape Cod Pink Water Lily. Very hardy, blooms freely, deliciously fragrant, and of a deep pink or rose color; lovely and desirable. Price of roots, \$2.00 each; seeds, per pkt., 50 cts.

NYMPHÆA CHROMATELLA.

Fine broad-petaled double flowers 5 inches across, beautiful waxy lemon yellow with orange stamens; a strong grower and free bloomer; leaves dark green, marbled with brown. Price of roots, \$3.00 each.



NYMPHÆA CHROMATELLA.



WATER POPPY.

THE WATER HYACINTH.

(*Eichhornia [Pontederia] Crassipes Major.*)

Very unique and of great beauty; requires but limited space; easily grown; floats on the water by means of curious inflated leaves, a mass of feathery blue roots growing downward into the water. The flowers, as large as a silver dollar, are borne on spikes 6 to 8 inches long resembling hyacinths, and are as handsome as an orchid, of a beautiful, sparkling, rose lily color. It can be grown in the summer in the water-lily tub or pond. In the winter it is beautiful and effective when grown in a glass vessel of some sort. It is a free bloomer. Price, 35 cts. each, \$3.50 per doz.

THE BLUE WATER HYACINTH

(*Eichhornia Azurica.*)

A rare novelty, similar in all respects to the above, excepting the flowers, which are delicately fringed and of lovely lavender blue with a centre of rich indigo, with a bright yellow spot. Price, 75 cts. each, \$7.50 per doz.

NYMPHÆA MEXICANA.

Bright golden yellow double flowers; delicately fragrant. Price of roots, \$1.50 each.

THE WATER POPPY.

(*Limnorchis Humboldtii.*)

A charming and easily cultivated floating water plant with brightly lemon yellow poppy-shaped flowers, 2 inches across, and freely produced throughout the entire summer. It is easily grown in a tub, tank or pond. Price, 60 cts. each, \$5.00 per doz.



WATER HYACINTH.



Plant Department.

"Foliage" and Flowering Plants, Vines, Shrubs and Fruits.

On the succeeding pages we offer a complete stock of growing plants, embracing flowering and "foliage" plants, palms and decorative plants for the greenhouse, conservatory and dwelling-house, hardy plants and shrubs for the lawn and garden, vines for the house, garden and door-yard, small fruits and vegetable plants for the kitchen garden, and a general assortment of plants for all purposes, making the most complete collection offered by any business firm in the country. Particular attention is directed to our list of Roses and Chrysanthemums, also to the various new plants offered. Among the latter will be found the most valuable "novelties" introduced in years, all of which have been thoroughly tried before being offered to our customers.

NEW MAMMOTH GREENHOUSES. —This year we have increased our facilities for supplying our customers' wants, having erected three mammoth iron greenhouses, each over three hundred feet long, and remodeled others. The new structures are the embodiment of all that the builder's art can produce, and are unquestionably among the finest on this continent; no expense has been spared, so that now we are in a better position than ever before to fill all orders accurately and promptly with superior stock.

WE EXTEND AN INVITATION to every reader of this Catalogue to visit our Greenhouses 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 Greenhouses and "Trial Grounds" are within forty minutes' time by ferryboat 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 Greenhouses," will be given to any one applying. A personal inspection of our plants at the Greenhouses, 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, Chrysanthemums 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 EXTENT OF OUR GREENHOUSES. —Our glass structures consist of Greenhouses and frames, which occupy $4\frac{1}{2}$ acres *solid* in glass. The Greenhouses 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.*

IT IS ALMOST HALF A CENTURY 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.

THREE MILLION PLANTS.—Our annual sales of flowering and "follage" 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.)

CORRESPONDENCE.—We take a lively interest in every order which leaves our place, and are anxious to know what measure of success our customers have with our plants. We will cheerfully answer all inquiries relative to cultivation, and invite our customers to apply to us for information on this point. We particularly request that our customers bring to our notice any improved variety or new species which they may discover, and will take pleasure in carefully considering their merits when submitted to us.

CAREFUL SELECTION.—In plants, as in seeds and in everything else, we aim to offer *only the best.* For this reason we do not catalogue extended lists in such things as Roses, Geraniums, 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.

PROTECTION TO CUSTOMERS.—While our Collection embraces everything that is new, rare and desirable, yet we offer nothing but what has been thoroughly tested, thus affording our customers a protection against untried, high-priced novelties, which often prove worthless. By strictly adhering to this principle we have avoided 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 Dinamore 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 introduced last year—*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.

WE PACK CAREFULLY.—From our long experience as packers of plants the present perfect system has been evolved. We ship at all seasons of the year and fill every order the day after it is received—*unless otherwise instructed by the purchaser*—using light boxes and baskets, so as to reduce express charges to a minimum, and so perfect is our system that our plants almost invariably reach the purchaser as fresh as when they left our Greenhouses. Please read the voluntary testimonials on the succeeding pages, which are only a sample of thousands received during the past season.

WE MAKE NO CHARGE.—We make no charge for boxes, baskets or packing, and all goods are delivered at express or freight office in New York City free of charge. During cold weather we pack in closed cases, and so perfect is our system that our plants almost invariably reach the purchaser as fresh as when they left our Greenhouses. Please read the voluntary testimonials on the succeeding pages, which are only a sample of thousands received during the past season.

SAFE ARRIVAL ASSURED 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 fall 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); but as we always add enough plants gratis to cover these charges customers will see the great advantage of having plants sent by express, as not only can we 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.

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 our customers as have not the proper facilities would say that if they sent their orders in as soon as they want them shipped, we will then are wanted, without any additional charge for thus to hold the plants until some specified date we will 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.

A
SPECIAL DISCOUNT
OF 10%

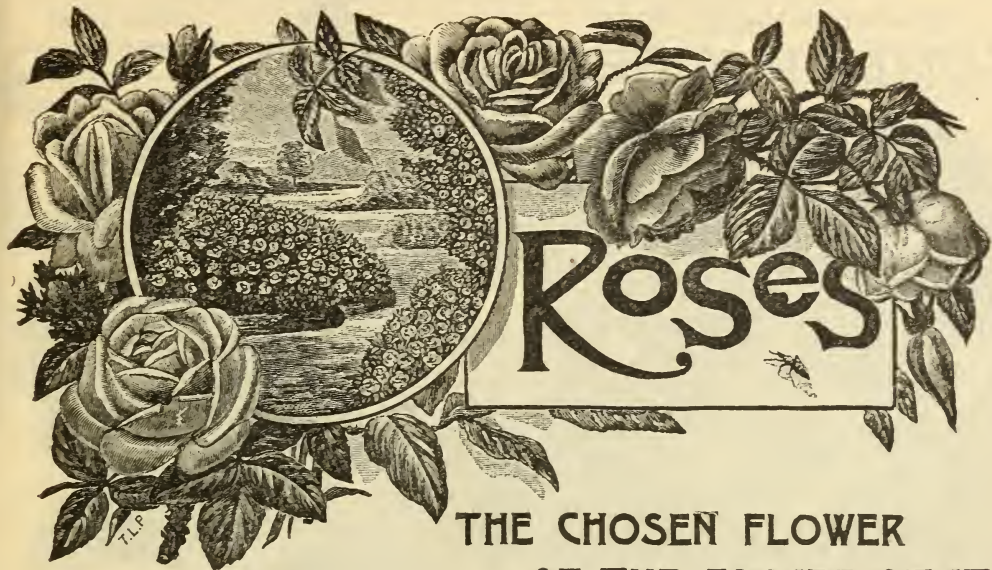
LIBERAL DISCOUNTS FOR CLUB ORDERS AND LARGE QUANTITIES.

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):

NOTE THIS	<table border="0"> <tr> <td style="padding-right: 10px;">For \$3.00 cash, plants from this Catalogue to the value of</td> <td style="padding-right: 10px;">\$3.00 may be selected.</td> <td style="padding-left: 10px;">5.00</td> <td style="padding-left: 10px;">5.60</td> <td style="padding-left: 10px;">" "</td> <td style="padding-left: 10px;">" "</td> <td rowspan="6" style="vertical-align: middle; padding-left: 20px;">} DISCOUNTS FOR CASH WITH ORDER</td> </tr> <tr> <td>" 5.00</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> </tr> <tr> <td>" 7.00</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> </tr> <tr> <td>" 10.00</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> </tr> <tr> <td>" 15.00</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> </tr> <tr> <td>" 20.00</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> </tr> <tr> <td style="vertical-align: middle;">LIBERAL OFFER.</td> <td style="vertical-align: middle;"> <table border="0"> <tr> <td style="padding-right: 10px;">" 25.00</td> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">" "</td> <td rowspan="2" style="vertical-align: middle; padding-left: 20px;">} DISCOUNTS FOR CASH WITH ORDER</td> </tr> <tr> <td>" 50.00</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> </tr> </table> </td> </tr> </table>	For \$3.00 cash, plants from this Catalogue to the value of	\$3.00 may be selected.	5.00	5.60	" "	" "	} DISCOUNTS FOR CASH WITH ORDER	" 5.00	" "	" "	" "	" "	" "	" 7.00	" "	" "	" "	" "	" "	" 10.00	" "	" "	" "	" "	" "	" 15.00	" "	" "	" "	" "	" "	" 20.00	" "	" "	" "	" "	" "	LIBERAL OFFER.	<table border="0"> <tr> <td style="padding-right: 10px;">" 25.00</td> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">" "</td> <td style="padding-right: 10px;">" "</td> <td rowspan="2" style="vertical-align: middle; padding-left: 20px;">} DISCOUNTS FOR CASH WITH ORDER</td> </tr> <tr> <td>" 50.00</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> <td>" "</td> </tr> </table>	" 25.00	" "	" "	" "	" "	" "	} DISCOUNTS FOR CASH WITH ORDER	" 50.00	" "	" "	" "	" "	" "
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These discounts do not apply to the Low Rate Collections offered on page 139, 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 third page of cover.

A HORTICULTURAL LIBRARY.—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 books, which are the accepted authority on the subjects of which they treat, and which we present to our customers as a premium on orders for plants. For conditions see third page of cover.



THE CHOSEN FLOWER OF THE EMPIRE STATE.

IN the contest for a State flower in New York State the **ROSE** received a majority of nearly one hundred thousand in a total vote of half a million—a convincing proof of its popularity over all other flowers.

WE MAKE ROSES OUR LEADING SPECIALTY,

We have for years made **ROSES** our leading specialty, and sell annually over half a million plants. We pay particular attention to their culture, so that our **ROSES** are famed for their thrifty condition; besides, we offer nothing but varieties of established merit and new sorts which have been thoroughly tested by us before they appear in our lists, hence we offer unequaled advantages to buyers of **ROSES**.

Of Interest to all Buyers of Roses.

HEALTHY, VIGOROUS 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.

THE SIZE OF OUR ROSES. —We grow our Roses in *different* sizes. This gives purchasers the opportunity of procuring a plant of large size which will make a show at once, or smaller plants at prices which place them within the reach of all. We offer Roses in three sizes, which are usually graded as follows: "First size are usually 15 to 20 inches high, and branched; second size, 10 to 15 inches; and third size, 5 to 10 inches."

OUR SYSTEM OF CULTURE. —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 greenhouses 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.

FREE ESSAY ON THEIR CULTURE. —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 so take this opportunity to say that change of soil and climate, frequent and sudden thermal changes, excessive drought and heat, or almost any of the incidents which tend to check the growth of a Rose, will cause a 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.

CORROBORATIVE EVIDENCE. —The unsolicited testimonials, as to the size and quality of our plants, and the liberal manner in which we fill orders, found on the succeeding pages, are given as samples of thousands we received last season.

A SPLENDID HARDY ROSE, SUMMER QUEEN.

OVER 1,000
FLOWERS FROM
A SINGLE
PLANT.



A GEM AMONG HARDY, FRAGRANT FREE-BLOOMING ROSES.

The splendid pink hardy Rose illustrated by the above engraving was purchased from a Mr. Kleinhaus two years ago, and placed on trial in our grounds. We were at once impressed by its remarkably healthy, vigorous growth and its wonderful blooming qualities, surpassing all other true hybrid perpetuals in this respect, and fully the equal of the best among them in point of size, fragrance and form. For years it had been grown as a winter-flowering variety by the gentleman from whom we purchased it, and some idea of its enormously productive qualities can be obtained from the fact that he had cut as many as *twelve hundred flowers from a single plant*, a record seldom equaled and never surpassed by any other variety. We have thoroughly tested it, and can recommend it as being entirely hardy. It is of such vigorous growth, that if planted close to a wall or fence, it may be trained like a climbing Rose. So prolific of bloom is it that small plants in our grounds, a foot high, were one mass of flowers. The origin of this grand variety is not clear, hence we do not offer it as being a new Rose, and have given it the name of "Summer Queen" conditionally. In color it is a bright silvery pink, full and double. Like its grand deep-colored prototype, "American Beauty," we believe it has come to stay, and so we welcome this fine addition to our hardy free-blooming Roses, with a recommendation to all our customers to try it.

Price, strong plants, 1st size, \$1.00 each; \$9.00 per dozen.
 " " " 2d " .60 " 6.00 "
 " " " 3d " .30 " 3.00 "

NEWER ROSES OF PRONOUNCED MERIT.

While we are ever on the alert to procure new varieties, we carefully guard against offering them to our customers before being assured, by actual test in our grounds, that they are worthy of a place in our catalogue. The varieties named and described below we have had on trial, and now offer them in full confidence to our customers as being worthy of a place in every garden and as improvements on existing varieties.

Caprice.—This grand novelty is a true hybrid perpetual Rose, therefore *perfectly hardy*. The flowers are large, ground color soft satiny pink, distinctly striped and blotched with white and carmine. It is beautiful in the bud form, being quite long and pointed, also showing the stripes and markings to great advantage, making it a valuable and desirable variety for cutting.

Dr. Grill.—Coppery yellow, with a fawn rose reflex, back of the petals shaded delicate rose; an entirely new color. Large, well-formed flowers of good shape; a vigorous, healthy grower, and very free in bloom.

Lady Castlereagh.—An exquisite new Tea Rose, with very large flowers, full and beautifully formed, petals are thick and lasting; color, pale rose shaded with fine sulphur yellow.

Mrs. James Wilson.—A beautiful new Tea Rose, especially fine for bedding; deep cream color, the edge of the petals touched with soft blush.

Madame Joseph Schwartz.—An elegant and beautiful new Tea Rose; extra large, globular flowers, delicately perfumed and very full; pure white, elegantly tinted and shaded with pale yellow and rose.

For prices and other newer sorts see next page.

"RUBY GOLD."

Nature is constantly surprising us with some development deemed impossible, and in the grand Rose which we offer herewith 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 Marechal Niel Rose, which, contrary to all previous belief, has 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 toward 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, \$1.00 each; \$9.00 per doz.
 " 2d " " .75 " 7.50 "
 " 3d " " .50 " 4.50 "

NEW EVER-BLOOMING CLIMBING ROSE, "Elise 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, 75c. each; \$7.50 per doz
 2d " 50c. " 4.50 "
 3d " 30c. " 3.00 "



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 PETER HENDERSON & CO.
 1891.

Ruby Gold

NEWER ROSES. (Continued from preceding page.)

Ernest Metz.—A remarkably beautiful variety, and one of the best new Roses. The color is tender rose, changing toward the centre to vivid cherry, with a distinct border of cherry around each petal.

Grace Darling.—One of the most elegant Roses it has ever been our pleasure to behold. Strong, vigorous grower; color, a porcelain rose, elegantly shaded with crimson. The colors stand out separate and distinct, making a vivid contrast.

New Tea Rose, Princess Sagan.—This new variety is a very strong, vigorous grower, producing buds of the brightest scarlet crimson; the flowers are medium-sized, semi-double and fragrant.

The Queen.—This elegant new Tea Rose originated in this country; the flowers are very full and double; a vigorous and healthy grower; it is considered by all who have tried it one of the most valuable pure white Roses for all purposes.

Price, 1st size, 60c. each; set of 9 (see preceding page), \$4.50.
 " 2d " 40c. " " 9 " " 3.00.
 " 3d " 20c. " " 9 " " 1.50.

THE "WABAN" ROSE.

This valuable Rose gives promise of a brilliant future. The engraving shows the flowers one-half natural size. It is a sport from Catherine Mermet, and identical with that variety in every characteristic excepting color, which is a rich deep bright pink. Experience has shown that the Waban retains its deep rich color in all kinds of weather; hence it is of great value either for flowers in the garden or for forcing in the greenhouse during winter. It has already received the SILVER MEDAL of the Massachusetts Horticultural Society; a Certificate of Merit from the Pennsylvania Horticultural Society, also from each of the other societies of this country and Canada where it has been shown.

Price, 1st size, \$1.00 each; \$9.00 per dozen.
 " 2d " 60c. " 6.00 "
 " 3d " 30c. " 3.00 "



THE "WABAN" 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 "

"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 "

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, \$1.00 each.
- " young plants, 1st size, 50c. each; \$4.50 per doz.
- " " 2d " 25c. " 2.25 "



CLIMBING PERLE DES JARDINS.

"From now on, however, Miss 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."



Copyrighted by P. H. & Co.

**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. 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 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. This superb variety was raised by Mr. Wm. Burgess some years ago, but remained almost unknown until we brought its merits before the public. Read what that excellent 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, 50c. each; \$4.50 per dozen.
- " 2d " 30c. " 3.00 "
- " 3d " 15c. " 1.50 "

**A Fine Climbing Rose,
"Climbing Niphetos."**

A sport from the dwarf "Niphetos." It is a true climbing variety, having the same pure white, long pointed buds as its parent, and is destined to become popular as an out-door climbing Rose—in the South especially—where it is perfectly hardy. Introduced at the same time as the climbing variety described above, they constitute two of the most valuable Roses in their class, and should be planted side by side wherever fine climbing Roses are wanted.

- Price, large stock plants, \$1.00 each.
- " young plants, 50c. each; \$4.50 per doz.

“RED
LA FRANCE,”

A
GRAND
EVER-
BLOOMING
ROSE.



“Duchess of Albany”
Or “Red La France.”

This grand variety 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 a richness of color very difficult to describe—a shade which our artist describes as “Tyrian Rose,” 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 greenhouse.

Price, 1st size, 50c. each; \$4.50 per doz.
“ 2d “ 40c. “ 3.50 - “
“ 3d “ 20c. “ 2.00 “

HARDY BEDDING ROSE,
“Dr. Reymont.”

This fine hardy, ever-blooming sort was obtained by crossing the well-known Gen. Jacquemiot and the Rosa Polyantha or Multiflora. With such good parentage it is needless to say that the progeny is excellent. It inherits the hardness and splendid crimson-colored flowers of the Gen. Jacquemiot—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, 50c. each; \$4.50 per doz.
2d “ 40c. “ 3.50 “
3d “ 20c. “ 2.00 “

THE PREMIER BEDDING ROSE,
“Clothilde Soupert.”

This grand Rose is what is known as a “Polyantha Hybrid,” obtained by crossing a monthly ever-blooming variety with the Polyantha Rose, “Mignonette,” offered in our list of “Dwarf Bedding Roses” on page 107. The result of this cross has been to produce the splendid bedding Rose, Clothilde Soupert, shown in the adjoining engraving. The previous objection to the Polyantha Roses, viz., smallness of flowers, has been overcome in this variety, as the flowers of Clothilde Soupert are of full average size, double to the centre and exquisitely fragrant. The color is a French white, deepening to rosy blush in the centre, exceeding in distinctness of shadings the well-known Malmason. Its greatest value lies in its compact, vigorous habit, and wonderful profusion of bloom, even the smallest plants being literally covered with flowers. The form and substance of the flowers are so perfect that the hottest weather does not cause a deterioration of either, so that even in midsummer a bouquet of splendid buds and open flowers can be obtained from this fine variety. Too much cannot be said in praise of this Rose for bedding purposes. It deservedly earned its title of the “Premier Bedding Rose.” Valuable as it is for garden purposes, it is even more so for pot culture, and ranks as first for blooming in the dwelling-house. It is entirely exempt from the diseases usually affecting Roses in the house.

Price, 1st size, 50c. each; \$4.50 per doz.
“ 2d “ 40c. “ 3.50 “
“ 3d “ 20c. “ 2.00 “



THE
PREMIER
BEDDING ROSE,
“CLOTHILDE
SOUPERT.”

My Roses came safely and were in good condition. I am much obliged for the extras sent. I have received plants this season from at least four other dealers besides yourselves, and consider my purchase of you as the most satisfactory of any made.—E. T. HUSOX, Mount Vernon, N. H.



Copyrighted 1899
By J. H. COLE

"MME. HOSTE."

"MADAME HOSTE."

This is a true "Tea" variety of delicious fragrance and splendid form. It occasionally assumes a creamy white shade with a clear amber centre, but in either shade it is undoubtedly a very handsome Rose, and owing to its strong, thrifty habit is never out of bloom. 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, \$3.00 per doz.; 3d size, 15c. each, \$1.50 per doz.

"LA FRANCE."

We cannot speak too highly of this superb Rose, which every year becomes more popular. Flowers large and beautiful, either in the bud form or when expanded; peach-blossom color, shaded pink and silvery rose. It is very free-blooming, every shoot forming a beautiful flower. In addition to this, it is entirely hardy with a slight protection of leaves, and most deliciously fragrant, thus combining in a marked degree all the qualities of a perfect Rose.

1st size (extra fine),	75c. each;	\$7.50 per dozen.
2d " "	50c. "	4.50 "
3d " "	30c. "	3.00 "
4th " "	15c. "	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 " "	40c. "	4.00 "
3d " "	15c. "	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, deepening to bright rose at the edge of the petals, the body of the flower being creamy white. This combination of colors suggests the name of "The Tulp 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 on page 107, and engraving on page 105

1st size,	\$1.00 each;	\$9.00 per dozen.
2d " "	.50 "	4.50 "
3d " "	.25 "	2.25 "

OF THE BEDDING QUARTET OF ROSES.

1st size, set of 4 for	\$2.00.
2d " " " "	1.00.
3d " " " "	.50.



BEDDING QUARTET OF ROSES



This fine Rose is hardy in the latitude of New York City.

Souvenir de Wootton.

This superb Rose, shown in the accompanying engraving, is unquestionably one of the finest varieties ever introduced for either summer or winter blooming. The color is a beautiful shade of 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.; 2d size, 40c.; 3d size, 20c. \$6.00, \$4.00 and \$2.00 per doz.

AMERICAN BEAUTY.

In "American Beauty" we have a hardy Rose of the largest size, having the ever-blooming qualities of the Tea Rose with the delicious odor of the Damask or Moss Rose, consequently equally valuable for winter or summer flowering. The flowers of this grand Rose are so eagerly sought that they have sold in the New York market for \$100 per 100 around the holidays for years, still holding this extraordinary price. When sold at retail, single buds bring \$1.50 to \$2.00 each at Christmas. In color it is a deep brilliant pink, shaded toward the centre with rich carmine crimson.

1st size, \$1.00; 2d size, 60c.; 3d size, 30c. \$9.00, \$6.00 and \$3.00 per doz.

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.

**EVER-BLOOMING TEA ROSE,
"Mme. de Watteville."**

A grand Rose for either summer or winter blooming. Color, beautiful shell pink, deepening to bright rose at the edge of the petals, the body of the flower being creamy white. This combination of colors suggests the name of "The Tulip Rose," by which title it is known all over Europe. (See cut.)

1st size, 50c.; 2d size, 30c.; 3d size, 15c. \$4.50, \$3.00 and \$1.50 per doz.

TEA ROSE,

"Perle des Jardins."

No Rose of its color ever cultivated for cut flowers up to the present time is now so valuable as this. Tens of thousands of it, covering many acres in glass, are now grown in the vicinity of New York for winter flowering; it is equally valuable for summer, as it flowers continuously. Its color is a rich shade of yellow; large size and perfect form, tea fragrance, a healthy, free grower, and unequalled in profusion of bloom, either in the greenhouse in winter or in the open ground in summer. (See cut, page 105.)

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.

1st size, 60c. each; \$6.00 per doz.
2d " 40c. " 4.00 "
3d " 20c. " 2.00 "



MME. DE WATTEVILLE.

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 unequalled, and we contend that our customers are safer in selecting from our list of choice tested varieties than if we offered a long list, which would of necessity contain many inferior sorts. The varieties in heavy type we specially recommend. See prices at end of list.

André 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.
Bian Carmine. Light rose color.
Bouère. Beautiful dark pink; sweet fragrance.
Bella. Pure white; superior for summer flowering.
Bianqui. White shaded flesh color.
BON SILENE. This splendid old variety is equally valuable for summer or winter blooming; average size and exquisite tea scent; color, brilliant carmine.
Bourbon Queen. Clear satiny rose, shaded white.
Blanche Nabonnand. Creamy white, tinged yellow and rose.
CATHERINE MERMET. One of the most fashionable Roses for cut flowers; color, clear rosy pink; very large pointed buds; full, double and fragrant
Compte Bobinsky. Rich carmine; full.
C. Koch. Light flesh color; very double.
Camens. Peach color.
Canary. Beautiful light yellow; profuse bloomer.
Cels. Pale rose color; good shaded 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 Frignense. Bright canary yellow.
CORNELIA COOK. Perhaps the finest white rose; flowers very large and double; pure white, with light lemon colored centre.
DEVYNIENSIS. No collection is complete without this superb variety; very full; a creamy white with pink centre.
Douglas. A true Bengal Rose; dark rich crimson in color; buds of good shape; very free flowering.
Duchesse de Brabant. Soft rosy flesh tint; flowers globular.
Duchess of Edinburgh. Intense dark crimson.
Etoile de Lyon. Golden yellow.
Exadelphé. Beautiful yellow; large and full.
Fairy Rose. Flowers carmine, the size of a dime.
Flavien Budlon. 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.
HARY. 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 Nuances. Fine salmon rose, tinged copper color.
La Paoxle. Color pale sulphur yellow; tea fragrance.
La Phenice. Red, shaded crimson; free bloomer.
La Sylphide. Beautiful cream color, shaded rosa.
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.
Lecrole. Clear cherry red, rich golden yellow centre.
Marie Sisley. A superb rose; full and double; of true tea odor; exquisitely shaded with bright rose on a pale yellow ground.
Marie de Bau. Rich blush color, full and double.
Marie Ducher. Rich transparent salmon, with deeper colored centre; full double and sweet.
MARIE GUILLOT. Pure white; a fine bedding Rose.
Mme. A. Imbert. Color, rosy buff with peach colored shadings.
Mme. Ched-Guinesseau. Dark golden yellow.
Mme. Cusin. Shell pink, shaded cream.
Mme. Remond. Sulphur yellow, margined red.

Mme. Honore Defreane. 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. Lambert. Rose color, tinged salmon and buff.
Mme. M. Berthon. Pure white, shaded with lemon color.
Mme. Maurice. Delicate fresh 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 Vetry. Dark pink.
Mme. Angele Jacquier. Full and double; light blush.
Melville. Bright pink, changing to silvery rose.
Miss Caroline. Rosy pink, shaded peach.
Marisae. Pale lemon yellow; free flowering; full and fragrant.
Nina. Pinkish rose, shaded silvery white.
Odorato. Beautiful blush tint; exquisite tea fragrance.
Pres. d'Orbecque. Bright purplish crimson; good shape and habit.
Queen of Bedders. Dark crimson.
Red Malmalson. Dark crimson scarlet.
Rubens. Pale lovely yellow, tinged with fawn color.
Regulus. Crimson, shaded pink and rose.
Roi de Cramoisis. 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. DE L'UNION AMI. A splendid rose; clear pink.
Souv. de Victor Hugo. Tawny red, shaded carmine rose.
Souv. de Gabrielle Drevet. Salmon white, centre bright rosa.
Stella. Light yellow, full and sweet.
Sulphureux. 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. " " " "	3.00

HYBRID TEA ROSES.

Beauty of Stapleford. Light pink; deep rose 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 shaded rose color.
Mme. Etienne Levet. Vivid crimson; very profuse and fragrant.
Pierre Guillot. Double, dark crimson; a fine bedding Rose.
Camens. Peach color; a beautiful variety.
Brigette Levet. Deep carmine; fine.
Lady Mary Fitzwilliam. Full globular flowers of a delicate flesh color; fragrant. 50 cts. and 75 cts. each.
Countess of Pembroke. Dark rosy pink; extra fine.
Distinction. A distinct variety; color pink, shaded reddish amber.
Wm. F. Bennett. Brilliant crimson, splendid buds.
Duchess of Connaught. Silvery pink.
Antoine Verdier. Brilliant dark pink; extra fine.
Mme. A. Bernaix. Deep clear rose; creamy white centre.
Queen of Bedders. Fiery crimson scarlet.

PRICES, EXCEPT WHERE OTHERWISE NOTED.

1st size, 50c. each; set 18 for \$6.00.	
2d " 30c. " " " "	4.50
3d " 15c. " " " "	2.25



DINSMORE.

Twelve Best Hardy Roses Including "DINSMORE"

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. The first and second sizes will bloom this year, and the third will make fine plants for next season's flowering.

American Beauty. Rich carmine crimson. (See description, page 103.)

Anna de Diesbach. Dark rich pink; immense size.

Paul Neyron. Probably the largest of all Roses; color, clear dark pink, shaded carmine. Form of flowers, bold and handsome, very fragrant.

Capt. Christy. Delicate flesh color, large, full and double, very profuse; blooms from the time it is planted until frost.

Gen. Jacqueminot. Color, rich dark crimson. (See description, page 107.)

Earl of Dufferin. Dark velvety crimson, full and double; one of the grandest dark colored hardy Roses.

Coquette des Blanches. One of the finest hardy white Roses. Flowers of medium size, produced in great masses.

Collection of 12 Best Hardy Roses, first size, extra large, \$7.50; second size, \$4.50; third size, \$3.00. 75c., 50c. and 30c. for single plants.

The Dinsmore. The ever-blooming hardy crimson Rose. (See cut above, and full description on page 107.)

La France. As yet unequalled in its color, a satiny shade of pink, shading to blush, of the most delicious fragrance; ever-blooming and very hardy.

Magna Charta. Bright dark pink, very large and fragrant.

Ulrich Bruner. Bright cherry red, shaded carmine.

Prince C. de Rohan. Large and full, perfect form and richest fragrance; dark crimson.

12 Best Ever Blooming Roses for Summer Flowers

THE TWELVE FINE EVER-BLOOMING ROSES

Named below we believe are the best possible selection to be obtained in that number. Even the smallest size of these will bloom abundantly this season.

MALMAISON. A splendid Rose, ever-blooming, and of the richest shade of blush. It is nearly as hardy as the Hybrid Perpetual Roses, some immense bushes having stood out in winter in the New York cemeteries for many years.

AGRIPPINA. No Monthly Rose surpasses this in profusion of bloom. The richest shade of crimson, blossoming the entire season.

PERLE DES JARDINS. The best yellow Tea Rose. Large size, fine form, exquisite tea fragrance, and ever-blooming. (See cut adjoining.)

HERMOSA. A clean healthy grower; color, bright pink. It is grown largely in the New York cemeteries for its hardiness and continuous blooming.

MARIE LAMBERT. A pure white Tea Rose; ever-blooming, of large size and delicious fragrance. One of the very best summer-blooming Tea Roses.

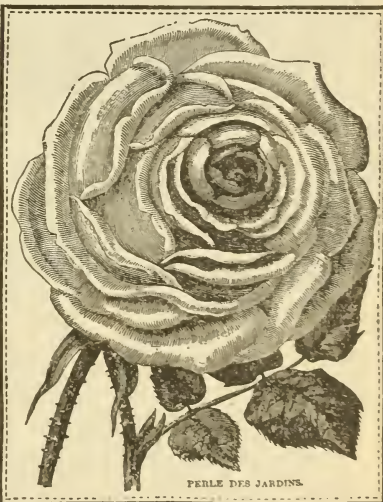
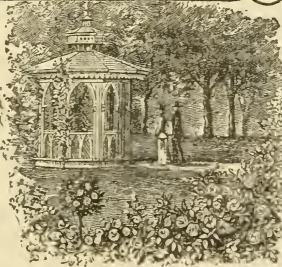
SOUVENIR DE WOOTTON. (See description and engraving, page 103.)

MRS. DEGRAW. Rich glossy pink. (See special description and engraving, page 100.)

MAD HOSTE. Clear lemon yellow, shading to white. (See special description and engraving, page 102.)

NIPHETOS. Pure white, long pointed buds, one of the most beautiful Roses in our list.

CATHERINE MERMET. The most beautiful of the light pink Roses. Buds long and pointed, the ideal form in a Rose, full and double, deliciously fragrant.



PERLE DES JARDINS.

BON SILENE. Brilliant carmine, a strong, vigorous grower and very prolific in bloom; exquisite tea fragrance.

SAFRANO. Color, bright buff, exquisitely fragrant. This is the ideal Tea Rose.

Collection of 12 Fine Ever-Blooming Roses, first size, \$4.50; second size, \$3.00; third size, \$1.50. Single plants, 50c., 30c. and 15c. each.



HARDY CLIMBING ROSES

Are unsurpassed for adorning the piazza, fence or wall, for clambering over trees, or for training to a trellis. Fastened to the side of a house, they transform it into a bower of beauty; trained so as to creep around a window their flowers can be easily gathered and their fragrance will fill the house. The three grand varieties shown in the engraving are the best of their class, rapid growers, profuse bloomers and of fine contrasting colors. A grand effect can be obtained by planting these five varieties.

Baltimore Belle. A beautiful Rose, producing large clusters of double flowers; bluish white, changing to light rose and carmine. As these colors are to be seen on the plants at one time the effect is grand.

Gem of the Prairies. Large double flowers of a deep rosy crimson and very fragrant; equal to many of the Hybrid Perpetuals in size, form and fragrance.

Climbing Jules Margottin. A grand dark red climbing Rose, unsurpassed for color, form and fragrance, a vigorous grower and profuse bloomer.

Price, extra strong plants, 75c. each.

Set of three varieties named above for \$2.00.

2d size, 60c. each; set of 3 for \$1.50.

NOISSETTE, OR TENDER CLIMBING ROSES.

GEM OF THE PRAIRIES

Grand Roses for the South, where they are entirely hardy. They may be kept out-doors in the North by laying them down and covering with leaves or litter.

Caroline Marniesse. Color white, and finely scented.

Claire Carnot. Orange yellow, with peach blossom centre.

Jas. Sprunt, or "Climbing Agrippina"; deep cherry red.

Mme. Balbiano. Soft rosy blush; very sweet.

Mme. Berrard. Deep carmine, full and double.

1st size, 75 cts. each; \$7.50 per dozen. 2d size, 50 cts. each; \$4.50 per dozen. 3d size, 20 cts. each; \$2.00 per dozen. Set of 12 for \$7.50, \$4.50, or \$2.00, according to size.

Lamarque. Pure white, with lemon colored centre.

Mme. Trifle. Very large and double; buff color.

Caroline Goodrich. Vivid crimson.

W. A. Richardson. Dark copper color.

Reine Marie Henriette. Long pointed, dark crimson buds.

Setina. Pink.

Washington (White). Pure white flowers in clusters.

== MARECHAL NIEL. ==

We have probably the largest and finest stock of this unequaled greenhouse climbing Rose in the United States. The immense size, dark golden yellow color of "Marechal Niel" is familiar to all. The plants we offer at \$1.50 and upward are extra strong, having vines from 4 to 8 feet long, and will make fine blooming plants for the greenhouse or garden the same season they are planted.

25c., 50c., \$1.50, \$2.00 or \$3.00 each, according to size.

GLOIRE DE DIJON.

Next to M Niel this is the finest pillar Rose for the greenhouse. Very large, double, rich creamy amber color. Hardy south of Washington. Prices and sizes same as M. Niel—see above.

ASSORTED HARDY

CLIMBING ROSES.

Anna Maria. Large; rosy pink; a splendid variety.

Climbing Victor Verdier. Bright red, with purplish edged petals.

Triumphant. Deep carmine, large and full; strong vigorous grower.

Prairie Queen. Bright rosy red; a very rapid grower.

1st size, 60c. each; set of 4 for \$2.00.

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. "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." Wherever summer Rose buds are wanted it has no equal. (See cut, page 105.)

1st size,	75c. each;	\$7.50 per dozen.
2d "	50c. "	4.50 "
3d "	30c. "	3.00 "

"Gloire de Margottin."

This fine hardy Rose is distinguished alike for its vigorous, healthy constitution, freedom of bloom and handsome foliage; but, beyond all it is decidedly the most brilliant hardy red Rose as yet introduced. So intense is the color that it might almost be termed a scarlet. Added to these qualities, it has flowers of the largest size and most exquisite fragrance. It will prove hardy everywhere.

Price, 1st size, \$1.00 each, \$9.00 per doz.; 2d size, 60c. each, \$6.00 per doz.; 3d size, 30c. each, \$3.00 per doz.



HARDY ROSE, "Gen. Jacquemont."

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, 75c. each; \$7.50 per doz.

1st "	50c. "	4.50 "
2d "	30c. "	3.00 "
3d "	15c. "	1.50 "

DWARF BEDDING ROSES.

Polyantha or Multiflora class.

A class of Roses of much value for bedding purposes, as they form a mass of bloom. They are of dwarf habit, and are continuously in flower during the entire season. They bloom in numerous clusters of from 25 to 100 flowers in each cluster, the single flowers being about 1½ inches across. These *POLYANTHA ROSES* are hardy in this latitude with slight protection. They are particularly valuable for planting on the borders of beds of taller growing sorts, or on the edge of "follage" beds, as they are constantly in bloom, and rarely attain more than 10 or 12 inches in height. They are also largely used for borders in cemetery plots, their neat and tasteful appearance commanding attention at first sight.

Mignonette. Dark pink; extra fine; grand Rose for cemeteries.

Faquerette. 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. Delicate flesh pink, changing to white.

George Pernet. This variety is somewhat in advance of the others in this class. Color, bright pink with copper yellow at the base of the petals. 1st size, 60c. 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



GLOIRE DE MARGOTTIN.



MRS. JOHN LAING.
HARDY,
FRAGRANT
and
FREE BLOOMING.

This is, we believe, the finest hardy Rose of its color ever offered. It is an exquisite shade of shell-like pink, deliciously fragrant, of the largest size, and, like the "Dismore," is entirely hardy and ever-blooming. No collection of Roses is complete if it does not contain Mrs. John Laing.

Price, 1st size,	75c. each;	\$7.50 per dozen.
" 3d "	50c. "	5.00 "
" 3d "	30c. "	3.00 "

Extra Large Hardy Roses.

We offer, this season, a grand collection of the finest hardy varieties imported from the most celebrated growers of England and the Continent. They are *extra large strong plants*, growing in 5 and 6-inch pots, and cannot fail to please the most fastidious. These are all budded low on Manetti stock and should be planted deep enough to cover the graft. They are all extra-strong well-ripened plants and will, under ordinary cultivation, produce magnificent flowers. The list contains the best varieties known at the present time.

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 toward the centre.

Countess of Oxford. Very profuse; soft, rosy carmine

Gen. Jacqueminot. Rich crimson. (See also page 107)

La France. Peach blossom pink.

Merveille de Lyon. Extra large, bluish 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 \$1.50 and \$1.00.

Queen of Queens. Pink, with bluish edges; large and full.

Ulrich Bruner. Cherry red; a grand Rose, very free blooming.

Xavier Olibo. Very deep rich crimson; large and full.

Abel Carriere. Rich velvety maroon shaded with violet.

Anna Alexieff. Very pretty shade of rose, large, full and of good habit, fine for massing. A grand Rose for every purpose.

Baron de Bonstetten. Blackish crimson with vivid red shadings.

Duc de Rohan. Red shaded with vermilion, large and full, fine form and handsome foliage.

Duchess of Albany. A deep rosy pink of the shade known as "Tyrian rose."

Earl of Dufferin. Unquestionably the finest dark reddish crimson Rose in our list. In form and fragrance it is unsurpassed. One of the most prolific bloomers, flowering freely in the fall.

Heinrich Schultheis. Delicate pinkish rose color, very large and free blooming.

Mme. Alfred Carriere. Pure white. One of the most reliable Roses for summer blooming.

MRS. JOHN LAING. See cut and special description on this page.

White Baroness. A counterpart of Baroness Rothschild in everything, except color, which in this variety is pure white.

Prices, except where noted:

Extra Selected Plants, 75c. each; \$7.50 per dozen.
Collection of 27 grand Roses for \$15.00.

Second Grade of the above, fine plants, 60c. each; \$6.00 per dozen. Set of 27 sorts for \$12.00. All plants for this season's blooming.

ROSA RUGOSA (Red and White).

A Japanese species, undoubtedly 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, crowned with terminal clusters of ten to twenty flowers, three inches in diameter. 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. Excellent for cemeteries.

Rosa Rugosa Alba. The white flowered variety described above. (See cut.)

Rosa Rugosa Rubra. The bright rosy crimson variety described above. (See cut.)

Price, 60c. each, \$6.00 per doz., fine plants. Set of two *Rosa Rugosa* for \$1.00.



ROSA RUGOSA. (RED AND WHITE.)



Moss Rose.
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 Mlle. Clear, bright pink; large and finely cupped.
- Baronne Provost. Beautiful, bright rose, shaded crimson.
- Cardinal Patrizzi. Brilliant scarlet; good habit.
- Charles 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.
- Duplestis Mornay. Bright crimson.
- Eugene Sue. Bright vermillion.
- Fisher Holmes. Finely shaped buds of intense dark crimson color.
- Gen. Forney. Color, clear cherry red.
- Gen. Washington. Dark, vivid crimson.
- Gen. Lane. Dark rose color; fine form and substance.
- Harrison Weir. Velvety crimson, enlivened with scarlet.
- H. Schultheis. Delicate pinkish rose; full, double and sweet.
- La Reine. Beautiful clear bright rose; very large.
- Marquise de 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'Alay. Bright rose blush; fragrant.
- Mme. Laffay. Beautiful transparent rose; large.
- Mme. Planter. A perfectly hardy, pure white double Rose.
- Mount Carmel. Bright carmine; full and fragrant.

- Mrs. Reynolds. Color, bright carmine.
 - Mme. Masson. Bright silvery pink.
 - Mme. Marie Bianchi. White, crimson in centre.
 - Mme. P. Languiet. 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. Dombrein. 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 44 varieties, | \$18.00. |
| 2d " 30 " " | " 44 " " | 12.00. |
| 3d " 15 " " | " 44 " " | 6.00. |



PERSIAN YELLOW. (1/2 natural size.)

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. A veritable gem; dwarf, compact habit; flowers very heavily mossed; color, bright crimson.
 - 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.

\$1.00 each; set 7 for \$6.00.

The Roses arrived in due time and in good condition. They are the finest roses I have ever received from any florist, and I have been growing Roses for the past fifteen years. Please accept my thanks for the extra.—Geo. O. BREXER, Denver, Colo., April 22d, 1891.

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; | \$5.00 per set |
| 2d " 50c. " " | 3.50 " " |
| 3d " 30c. " " | 2.00 " " |

HARDY YELLOW ROSE,
"Persian Yellow."

Dark golden yellow. The best variety of its color, entirely hardy. (See cut.) Fine large plants, \$1.50 each; 2d size, \$1.00 each.

True English Sweet Brier.

Valuable for the refreshing fragrance of its leaves. Price, 30 cts. each; \$3.00 per dozen.

AUGUSTINE GUINDISSEAU,

"White La France."

A "sport" from that fine hardy Rose, "La France," and similar to it in every respect, excepting color, which, in this new sort, is a unique shade of flesh white, hence its title of "White La France." On account of its great freedom of bloom, delicious fragrance and hardness, it will, no doubt, shortly become as popular as its grand parent. For ceterities it will be unequalled. Price, 1st size, \$1.00 each; 2d size, 60c. each, \$6.00 per doz.; 3d size, 40c. each, \$4.00 per doz.



AUGUSTINE GUINDISSEAU.

ON THE PLATE OPPOSITE

We illustrate three most useful and ornamental plants.

THE FIRST IS

THE HARDY CHINESE MATRIMONY VINE

(Lycium Chinese).

A COUPLE of small branchlets of which, laden with its brilliant scarlet fruit and rich purple flowers, occupy the upper portion of the *Plate Opposite*. The old-fashioned Matrimony Vine was a general favorite more than fifty years ago, but in beauty of flower, fruit and foliage it cannot compare with this superb variety. **It is a most vigorous hardy climbing plant** when trained to an arbor, fastened to a fence, attached to a tree, to the side of a house, the pillars of a piazza or in any location where a hardy vigorous climber is desired. It sends out numerous side branches, so that it covers a great amount of space in a short time, and every new growth is at once covered with bright purple flowers which are succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded with them; the contrast between the glossy, dark green foliage and shining scarlet fruit is extremely beautiful, surpassing Holly in appearance. It continues flowering and new berries are forming from late spring until frost. The berries ripen in early autumn and remain on the vine late into the winter. The number of our hardy vines which can be grown without danger from frost in our Northern States is limited, and none are more beautiful than this or as easy of culture. It will grow and thrive in any situation, either shade or bright sunlight, and will take root in any soil; in fact, nature has given it all the essentials for wide popularity. Valuable as it is for covering fences, etc., it is even more desirable for clambering over stone walls, bare rocks or unsightly banks, covering them quickly with bright green foliage, and later on rendering them objects of beauty with its wealth of scarlet berries and purple flowers. This splendid vine was illustrated and highly recommended in "Garden and Forest," one of the most conservative publications in the horticultural press.

Price, 1st size, extra strong plants, \$1.00 each; \$9.00 per dozen.

Young plants (which will bloom and fruit abundantly this year), 40c. each; 3 for \$1.00; 7 for \$2.00; 12 for \$3.00.

THE HARDY DOUBLE ENGLISH VIOLET,

WHICH occupies the centre of the *Plate Opposite*, needs no words of praise to introduce it to our customers. It speaks for itself. Here we have a Violet **entirely hardy, perfectly double, a deep violet color and most deliciously fragrant**. It surpasses the well-known "Marie Louise" Violet in richness of color, being many shades darker, and far excels it in its delightful odor; this is one of its greatest merits. It is entirely free from disease of any kind, will grow and bloom in any garden and in any situation. It is **entirely hardy** and can be left out in the open ground all winter. Nothing is more appropriate for cemetery plots than the **Hardy Double English Violet**. Thousands have been prevented hitherto from planting double violets because the varieties offered were not hardy, but now this difficulty is overcome.

Price, 1st size, large flowering clumps, 75c. each; \$7.50 per dozen.

Young plants for this season's blooming, 40c. each; 3 for \$1.00; 7 for \$2.00; 12 for \$3.00.

THE VARIEGATED LEAF MOON FLOWER,

A SMALL portion of which fills the lower portion of the *Large Plate* opposite, is one of the greatest acquisitions to our list of summer climbing plants introduced in years. The foliage is beautifully marked clear white and vivid green, the flowers are identical with the famous Moonflower, so that in beauty of flower and foliage it is without a rival. As it is not hardy, slips (or cuttings) should be taken from it in the fall and started in small pots, when they will make fine vines for climbing around the window in a sitting-room; trained to wires, strings or wooden trellis in the open ground it will make a most attractive appearance even when out of bloom.

Price, 1st size, extra strong plants, 60c. each.

Young plants, which will bloom this season, 40c. each; 3 for \$1.00; 7 for \$2.00; 12 for \$3.00.

SPECIAL OFFER.—One each of the three useful plants described above and shown on the *Plate, First Size*. \$2.00; Second Size, \$1.00. (If bought separately would cost \$2.35 and \$1.20 per set.)

PETER HENDERSON
& CO.
1892

CHINESE
MATRIMONY VINE.

HARDY
DOUBLE
ENGLISH
VIOLET

VARIEGATED
MOONFLOWER



Tuberous BEGONIAS



We show four Flowers which
are types of the grand
Tuberous Begonias

we offer. These are now the most popular plants for beds of summer flowers. For a time it was generally supposed that these could not be grown in the open air with success, but extensive plantings of them in various sections of the country have demonstrated their adaptability for this purpose. Nothing can exceed the brilliancy of their colors, the delicacy of their tints, the richness of their waxy flowers, the gorgousness of their effect in masses or their graceful appearance in beds or borders. From the time the first blossom appears until all growth is stopped by frost they are never out of bloom, and such blooms, great waxy flowers from three to five inches across, borne in such profusion that the rich glossy green foliage is almost hidden under the wealth of blossoms. A bunch of these on the table in a room will remain perfect a long time and brighten it up as no other flowers will. There are inferior varieties of these grand flowers offered, but those we sell are the best the world can produce, and were selected by Mr. Henderson personally on his tour among the celebrated growers of Europe last summer; hence our customers may rely on getting the best from us, and be guarded against cheap offers.

They should be planted about one foot apart each way, and on the approach of cold weather they should be taken up and the tubs stored away in a warm place until the spring, when they may be started in pots before planting in the garden.

SINGLE FLOWERED TUBEROUS BEGONIAS IN SEPARATE COLORS FOR BEDDING.

(See figures 1, 2 and 4 in above engraving.)

Scarlet.....30c. each, \$3.00 per dozen.	White.....30c. each, \$3.00 per dozen.	Rose.....30c. each, \$3.00 per dozen.
Yellow.....30c. " 3.00 "	Crimson.....30c. " 3.00 "	Orange.....30c. " 3.00 "

Set of six beautiful varieties in separate colors for..... \$1.50
 Ten of each of the above colors (60 in all) for..... 12.00
 Twenty of each of the above colors (120 in all) for..... 21.00

SINGLE TUBEROUS BEGONIAS, ALL COLORS MIXED, 25c. each, \$2.25 per dozen, \$8.00 per 50, \$15.00 per 100.

DOUBLE TUBEROUS BEGONIAS (see figure 3), ALL COLORS MIXED, 50c. each, \$4.50 per dozen. 4 separate sorts, 60c. each, \$2.00 per set of 4.



NOW OFFERED FOR THE FIRST TIME AND EXCLUSIVELY BY US THIS SEASON.

IT is with pleasure we offer the collection of twelve prize seedling Chrysanthemums named below, confident that they are all decided acquisitions. The entire stock of these grand sorts is held by us, so that they are now offered for the first time, and at a price exceptionally low for new varieties of such pronounced merit. We exhibited this collection at the Pennsylvania Horticultural Society's exhibition last fall, where they received the highest honors. They will all make grand varieties for exhibition and cut flowers. The plants are all strong, healthy growers, and make splendid flower stems, either disbudded or naturally grown. Although the varieties are all new and rare, we offer them at a low price, so as to bring them within the reach of all.

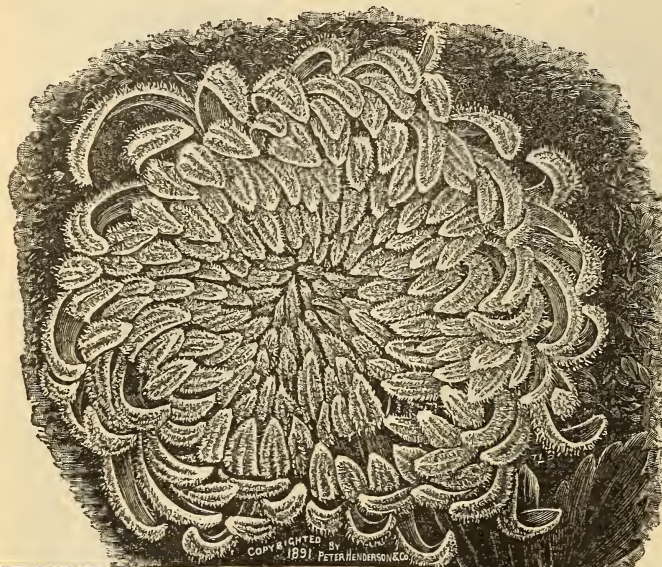
LIST OF VARIETIES.

- | | |
|---|---|
| <p>ELLA MAY.
Primrose yellow, apricot centre, extra large and fine. Awarded a <i>silver medal and certificate of merit</i> at Philadelphia last season. See cut and special description on page 116. 60c. each.</p> <p>MRS. I. FORSTERMAN.
A magnificent extra large, snowy white variety of the Japanese incurved type. A superb grower and free bloomer.</p> <p>SURPRISE.
A unique shade of bronzy red, bold, handsome flowers of the largest size and fine globular form. A variety which is sure to find numerous admirers.</p> <p>FAULTLESS.
Deep golden yellow, extra large and full, quilled petals. In color and form it is unequalled; some of the flowers measured over <i>eleven inches in diameter.</i></p> <p>MRS. F. SCHUCHARDT.
A charming variety, which, like all in this collection, is of the largest size. The coloring is exquisite; the centre of the flowers is creamy white, the ends of the petals tinted delicate rose, a pronounced improvement on this type.</p> <p>INDIAN CHIEF.
Ir sharp contrast to the above is this variety: here the coloring is a vivid, strong crimson; the flower is equally large, but stronger and bolder, loosely incurved and decidedly Japanese in outline.</p> | <p>JULIUS ROEHRS.
A rich shade of violet rose, the reverse of the petals silvery pink; a unique and charming contrast. Flowers of the largest size and of the popular incurved type. Awarded a certificate of merit at Philadelphia last season. 50c. each.</p> <p>EVENING GLOW.
A strikingly beautiful variety, deep yellow in the centre, with rich bronze red shadings toward the ends of the petals, very like the rich coloring of a brilliant sunset.</p> <p>POPULARITY.
A delicate shade of flesh pink, of fine incurved form, large and handsome. The ends of the petals are cut so as to resemble a stag's antlers in outline. Sure to be popular.</p> <p>GOLDFINCH.
In this variety we have a richness of color rarely seen, a deep, intense yellow on the upper surface of the petals—the reverse being a light bronze, making a pleasing contrast.</p> <p>DAVID ROSE.
Rosy claret, edged with silvery white, large, handsome blooms. Awarded a certificate of merit at Philadelphia last season.</p> <p>MAJESTY.
Deep, glowing red; in form it is similar to Cullingfordii, but larger and finer; the coloring is even more intense than that fine sort.</p> <p>Price, 40c. each, except where noted. Set of twelve PRIZE SEEDLING varieties for \$4.00.</p> |
|---|---|

New Rosy Blush

"OSTRICH PLUME" Variety,

WM. FALCONER.



This grand variety will increase the popularity and interest in this beautiful section. We obtained it by a "sport" from "Louis Boehmer," and it partakes of all the good qualities found in that excellent variety. The color is an exquisite shade of rosy blush, changing to a delicate flesh pink as the flowers advance in age. A description cannot convey the beauty of coloring found in this new variety. The delicacy of tinting is without a parallel in any class of flowers within our knowledge. The soft, feathery growth peculiar to the "Ostrich Plume" class is even more pronounced than in any of its predecessors, and in this variety it has an additional charm. The growth referred to is usually a shade lighter than the body of the flower—the effect produced being as if a softly tinted lace-like web or veil was thrown over the blooms, a unique and beautiful addition to its appearance. The flowers are of the largest size, and are borne on strong, vigorous stalks. The growth of the plant is all that could be desired. Taken all in all, we have no hesitation in pronouncing it the finest variety of the season.

Price, 60c. each; \$6.00 per dozen.

"Exhibition" Collection.

This collection, as its name implies, is made up of such sorts as are generally grown for exhibition purposes, and embraces nearly every shade of color and variety of form known in the Chrysanthemum. We have remodelled this collection by the addition of some of the very best sorts extant, replacing some of the less attractive varieties, and have included in it our Newer Varieties of last year, offering them now at the same price as the others. This collection of Chrysanthemums as now offered will be sure to give satisfaction to purchasers.

- Admiral Lewis. Deep wine color, very large and showy.
- Advance. A beautiful shade of rosy pink; flowers of the largest size and very double. A decided acquisition, and equally valuable for the exhibition table or cut flowers.
- Bride of Roses. An exquisite shade of rosy pink, of perfect form and largest size.
- Excellent. An exquisite shade of delicate shell-like pink, large, finely formed flowers, gracefully drooping and double to the centre. A unique and beautiful variety of rare merit.
- Empress of Japan. This is another grand white, differing in shape and tone of color from the preceding. Long graceful petals, incurving to the centre.

(Continued on next page.)

NEWER VARIETIES OF ESTABLISHED MERIT.

Among the numerous varieties of recent introduction which we have had on trial, those we offer below have proven to be the best in every particular. The great number of Chrysanthemums which are annually introduced as being new renders it imperative that a careful selection should be made before offering them to our customers, and for this reason we thoroughly test all the new sorts, discarding all that are inferior and offering only such as are really worthy of a place in our lists. This is a great benefit to our customers, and for this reason they may rely on getting only the best when ordering from us

- E. G. Hill. Deep golden yellow, with bronze shadings.
- Chas. Pratt. Porcelain pink, with maroon markings.
- Harry E. Widener. See cut and description, page 118.
- Ivory. Pure white; a splendid free-flowering variety.
- W. H. Lincoln. Bright yellow, large splendid flower.
- L. Canning. Clear white, large flat flower.
- Robert Cannell. A variety of great merit, awarded two certificates in England. Color, bronze red, under petals gold colored. Habit of plant dwarf and vigorous.

- Rose Queen. Beautiful shade of carmine rose.
- Rohallion. Clear yellow, large finely formed flower.
- Violet Rose. A grand variety for every purpose. Form and habit superb; color, deep violet rose.
- John Lane. Deep rosy pink. One of the best.
- Bohemia. See cut and description on page 117.
- Miss Mary Wheeler. Large perfectly formed flower, pearly white.
- Mrs. Chas. Dissell. Extra large flower, pink and white.
- Avalanche. Flowers attain a diameter of ten inches and over; color, purest white.
- Price, 35c. each; set of 15 sorts for \$4.50.



GROUP OF ROYAL JAPANESE VARIETIES.

Royal Japanese Chrysanthemums.

These grand varieties were shown on a Colored Plate in our Catalogue last year, an engraving of which reduced one-half we show above, so that the individual flowers, are barely one-third natural size. They are, without doubt, the finest and most distinct types of Japanese sorts in existence. Offered at reduced prices this season.

- No. 1. **GARDEN QUEEN.** Deep violet, reverse of petals silvery rose; a charming contrast of color.
- No. 2. **CASHEMERE.** Base of petals light crimson, upper part rich amber; a novel and distinct variety. See engraving heading our list of Chrysanthemums on page 113.
- No. 3. **DAWN.** Delicate rosy blush, flowers of the largest size; undoubtedly a grand acquisition. 40c. each. (See cut, page 117.)
- No. 4. **GOLDEN PLUME.** Drooping petals of a rich golden color, with a tuft of feathery petals in the centre.
- No. 5. **LOUIS BOEHMER.** The **PINK Ostrich Plume** variety. For fuller description and cut see page 116.
- No. 6. **OMAR.** Rich deep crimson of the shade known as "ox-blood red"; a variety of undoubted merit.
- No. 7. **L'ANGELUS.** Deep rich purple, and a variety of great promise for garden or exhibition.
- No. 8. **SUNRAY.** Rich yellow and light crimson; an exceedingly bright and attractive sort.
- No. 9. **SANTA CLAUS.** Fleecy white, of the largest size and perfect form; the best in its color yet offered.

Price, 25c. each (except "Dawn"); set of 9 sorts for \$2.00.

"Exhibition" Collection—Continued.

- Edwin Molyneux. Rich mahogany crimson, reverse of petals golden; broad petals, very large flower; a grand sort.
- Edna Craig. Large, pure white; one of the best.
- F. T. McFadden. Bright carmine, large and full; very fine.
- Grandiflorum. Bright golden yellow; very large flower; very fine.
- G. F. Moseman. One of the largest flowered varieties, often measuring nine inches across. Incurved petals, bright Indian red inside and buff on the outside.
- Isabella Bott. Pure white, very large and splendidly incurved.
- Ismail. Pure white; fine petals, like a cotton ball.
- Java. Purple; petals thin and tipped lilac.
- Jardin des Plantes. Large, splendidly incurved, pure yellow; a grand variety.
- J. Collins. Bronzy orange, shaded Indian red.
- John Welch. Dark crimson maroon.
- Kioto. Deep yellow, with a peculiar waxy lustre; petals incurved and twisted like talons. A unique and valuable variety.
- Lord Byron. Deep reddish crimson; tipped old gold.
- Lillian B. Bird. Beautiful light pink, extra fine.
- Mrs. Fottler. Clear soft rosy pink, similar in shade to the "La France" Rose. Large, full double flowers, composed of long pointed petals, opening flat at first, but developing into a large feathery bloom of great beauty.
- Mrs. W. K. Harris. A large, splendidly incurved variety of the richest golden yellow. The size of the flower when properly grown is enormous. It is undoubtedly a first-class variety in every particular.
- Mrs. Samuel Houston. A beautiful pure white variety of the largest size, and one of the best for use in making up vases, bouquets and loose bunches of flowers.
- Mrs. Bowen. This is a variety of rare beauty, in its charming contrast of old gold and reddish crimson. The flowers are of the largest size, and wherever exhibited it has been the centre of interest.
- Miss Jessie Hinzey. A bright canary yellow variety; large incurved flowers of perfect form and fine substance. A splendid grower and very desirable variety.
- Mrs. John Wanamaker. Large incurved blooms, silvery rose outside and deep carmine within. A grand variety for exhibition purposes.
- Mahomet. Deep golden yellow.
- Mr. H. Cannell. Large, finely formed flowers of the most intense yellow, regularly and gracefully incurved.
- Mrs. Geo. Bullock. Large, pure white, extra fine.
- M. V. Morel. Large, snovy white, tinted blush; very fine.
- Mrs. Frank Thompson. A beautifully incurved variety of immense size, often measuring over eight inches in diameter. Color, bronzy carmine; reverse of petals creamy white.
- Mrs. C. E. Wheeler. Old gold and crimson; decidedly Japanese, and looks as if cut out of leather.
- Mrs. Humphreys. Pure white; a grand variety.
- Mme. C. Audiguier. Clear rosy pink; very attractive.
- M. L. Fabre. Delicate silvery pink; large and fine.
- Mr. H. Waterer. Deep yellow, base of petals deep apricot.
- Nelly Bly. Twisted golden petals; profuse bloomer.
- Pietro-Diaz. Brilliant crimson; large double flowers; a gem.
- President Spaulding. Purplish carmine, large and full; very free bloomer.
- Robert Bottomley. Large, pure white, irregularly twisted and incurved; splendid for exhibition purposes.
- St. Sophia. Exquisite lilac pink; extra fine flower.
- Soleil Levant. Pale lemon yellow, quilled petals; very large flower, often attaining ten inches in diameter.
- Sunnyside. Pure white, with a delicate pink centre; flowers rather flat, of enormous size. A beautiful and attractive variety.
- T. B. Price. Large soft pink, slightly yellow toward the centre; the petals are twisted like a corkscrew, giving it a very fantastic appearance.
- The Bride. A magnificent pure white variety of the largest size and perfect form, splendidly incurved. For purity of color, size, form and all the essentials of a fine Chrysanthemum, this variety is probably unsurpassed.
- The White Ostrich Plume Chrysanthemum (Mrs. Alpheus Hardy). The first of this grand type; color, purest white.

25 cts. each; set of 45 Exhibition Varieties for \$7.50.

EARLY COLLECTION.

Although all of the Chrysanthemums are early enough to perfect their flowers in the open ground of south Baltimore, yet in the vicinity of New York and further north many of the late kinds sometimes do not; hence we name this Early Collection, for the benefit, particularly, of residents of extreme Northern States.

Belle Paule. Soft white, tipped light rose.
Beaute des Jardins. Splendid deep purple.
Bouquet Nationale. Pure white, tinted lemon.
Elaine. Pure snow white; large and full.
Mrs. Brett. Twisted golden petals.
Mad. Gramé. Pure white, beautifully incurved.
Gloriosum. Bright sulphur yellow.
Geo. Glenny. Clear golden yellow, incurved.
Golden Lace. Pure yellow, finely out petals.
Grace Attick. Pure white, quilled petals.
Mrs. J. H. Taylor. Pinkish lilac, very early.
Mrs. John Laing. Orange, old gold and bronze.
Mr. Wm. Barr. Bright crimson, shading to golden yellow.
M. Boyer. Lilac rose, shaded silvery white.
Norma. Blush white, tipped rose.
Ophir. Deep golden yellow, tipped bronze.
Fenelope. Rosy pink; large and full.
Source d'Or. Intense yellow, shaded old gold.
Timbale d'Argent. Pure white, large Anemone flower.
Precoceite. Small, white, very early.
Mlle. Lacroix. Similar to above, but larger.
King of Crimson. Deep red.
Jeanne d'Aro. Blush white.
Sœur Melaine. Pure white, fringed, fine habit.
Chas. Delmas. Brick red, with fiery shading.

Price, 15 cts. each; set of 25 early sorts for \$3.00.



PRIZE SEEDLING, "ELLA MAY."

The variety shown in the engraving above and offered in our set of Prize Seedlings on page 113 is exceptionally good in every particular. A single flower exhibited at Philadelphia last year, but not entered for competition, was awarded a Special Silver Medal and a Certificate of Merit, honors rarely awarded to a new variety. In the opinion of many it was the finest variety among the hundreds on exhibition. The color is a beautiful shade of clear primrose yellow, with deep apricot centre. The flowers are beyond the average size, frequently reaching 10 inches across; the habit of the plant is very strong and vigorous; it has all the essentials of a first-class variety, and we predict a brilliant future for it.

Price, 60c. each, \$6.00 per doz.

THE PINK "OSTRICH PLUME"

Chrysanthemum, "Louis Boehmer."

The title of "Ostrich Plume" was applied by-us to the first of this new type of the Chrysanthemum (Mrs. Alpheus Hardy) to distinguish it for all time from those previously known, but more particularly to direct attention to the soft feathery growth with which the flowers are thickly studded, forming so striking a resemblance to an Ostrich Plume that this title was instantly suggested to us when we first saw it. The "Louis Boehmer" is identical in its strange and beautiful formation with that variety, but its color is an exquisite shade of silvery pink, with deep rose on the inside of the petals, and is of vigorous constitution, being one of the strongest growing varieties we have, so that it is certain to produce perfect flowers under the most ordinary cultivation.

Price, strong plants, 25 cts. each, \$2.25 per doz.



LOUIS BOEHMER. (1/2 natural size.)

✦ BOHEMIA ✦

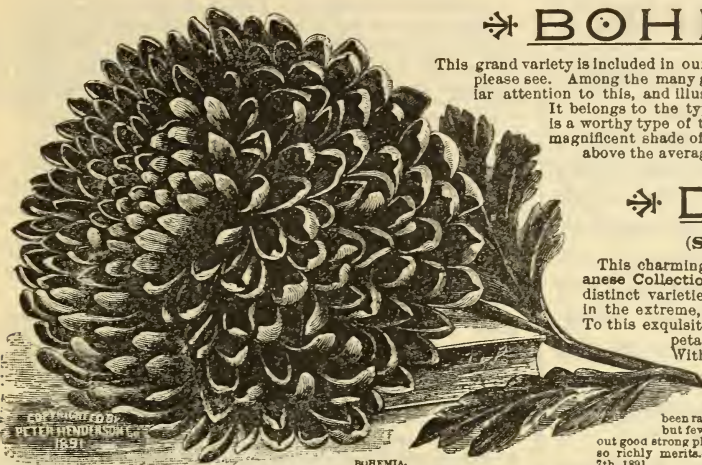
This grand variety is included in our list of newer sorts on page 114, which please see. Among the many good kinds offered there, we call particular attention to this, and illustrate it in the accompanying engraving. It belongs to the type known as "Reflexed Japanese," and is a worthy type of that class. The coloring is gorgeous—a magnificent shade of glowing crimson—and the flowers are above the average size. Price, 35c. each, \$3.50 per doz.

✦ DAWN ✦

(Syn. V. H. Hallock.)

This charming variety is included in our Royal Japanese Collection on page 115, and is one of the most distinct varieties in our list. The coloring is delicate in the extreme, a shade of rosy flush deepening to pink. To this exquisite tint it owes its name of Dawn. The petals are broad and gracefully disposed. Without question, a very beautiful variety. Price, 40c. each, \$4.00 per doz. ---

The Royal Japanese Chrysanthemums came in good shape. They gave evidence of having been raised and cared for by experienced hands. There are but few dealers who can compare with you in sending out good strong plants, and maintain the high reputation your house so richly merits.—Tos. L. JOHNSON, Leavenworth, Kas., March 7th, 1891.



BOHEMIA.

STANDARD COLLECTION.

Below we offer, under the above title, a fine collection of standard sorts. Each one is a gem:

- Mandarin. Deep Indian red.
- Mrs. Jessie Barr. Pure white.
- Bartholdi. Deep rosy pink, shaded maroon.
- Gladiator. Deep crimson; fine.
- Volunteer. Light pink, striped white.
- Leopard. (See special description, page 118.)
- Geo. Pratt. Deep crimson, like the Gen. Jacq. Rose.
- Gladys Spaulding. Clear brassy yellow.
- John Thorpe. Deep crimson lake; a splendid variety.
- Mrs. T. H. Spaulding. Purest snow white.
- Mrs. J. N. Gerard. Beautiful silvery pink.
- President Hyde. Rich yellow; twisted petals.
- Puritan. White tinted lilac; a beautiful variety.
- Sokoto. Clear golden yellow; large and full.
- Triumphante. Rosy pink; a very pleasing shade.
- Phœbus. Large handsome yellow.
- Prince Kamoutski. Crimson and coppery bronze.
- Lividia. Large white; finest in the Anemone section.
- Mrs. Carnegie. Deep crimson; extra large.
- Medusa. Pure white, long silky petals. ---

Price, 15 cts. each; set of 20 for \$2.50.

SUCCESSION COLLECTION.

Under this heading we offer late flowering varieties, such kinds as perfect their flowers late in the season, succeeding the early varieties.

- Ben d'Or. Pure yellow; ribbon-like petals.
- Cullingfordii. Dark mahogany crimson; extra fine.
- Comte de Germiny. Old gold and Indian red.
- Frank Wilcox. Rich golden amber.
- James Salter. Clear golden yellow; incurved.
- Jennie Y. Murkland. Bright apricot yellow.
- Julius Caesar. Rich red, shaded terra cotta.
- Lakme. Light bronze red; very showy and distinct.
- La Nymphe. Rich salmon pink; very attractive.
- M. A. Wilmore. Soft creamy white; fringed.
- Mollie. Soft creamy white; twisted petals.
- Mons. Raoux. Dark crimson red; very double.
- Moonlight. Immense size; clear white.
- Mrs. Meredith. Light lavender pink.
- Maid of Athens. Pure white; full and double.
- Mrs. Wm. Hamilton. Extra large, double; white.
- Mrs. Humphreys. Large pure white.
- Sultan. Bright crimson quilted petals; very fine.
- Talfourd Salter. Rich crimson and golden bronzo.
- Yellow Eagle. Deep golden yellow.

Price, 20 cts. each; set of 20 for \$3.00



PATRICK BARRY

New Yellow "Ostrich Plume" Chrysanthemum

FROM JAPAN.

WE have secured from Japan a grand yellow incurved variety of the "Ostrich Plume" class which in size of flower and all the essentials of a first-class Chrysanthemum will take rank with its predecessors. Louis Boehmer and Mrs. Alpheus Hardy. We have named it in honor of the late Patrick Barry, the veteran Nurseryman to whom horticulture in the United States is so much indebted.

Plants ready April 1st. Price, \$1.00 each.

* GENERAL COLLECTION.*

We have selected the varieties below named from among the hundreds we grow, as embracing the greatest variety of form and color to be found outside of those offered in the various groups and collections on the preceding pages. We have taken particular pains to offer a full assortment in the Chinese class—which is rapidly growing in popular favor. The Japanese and Pompon collections are also very carefully selected—all being standard sorts and certain to make a fine display.

JAPANESE VARIETIES.

Blooming Rose. Bright rose pink.
Fascination. Large, white, pink centre.
Fulcon. Clear bright yellow; long twisted petals.
Spiralis. Creamy white, shading to deep pink.
Gen. Arthur. Large rose pink.
Tecumseh. Deep Indian red.
Miss E. A. Jacqueth. Rich crimson, edged golden.
Delie. Large creamy white.
Geo. Sand. Bronzy pink, yellow centre.
M. Mossillac. Deep chestnut brown, shaded scarlet.
Tensia. Light yellow, shading to white.

Mrs. Lord. Clear yellow; fine petals, twisted like tangled mass of silken threads.
Le Tonkin. Flesh white, shaded rose.
Grand Mogul. Violet amaranth.
Lorraine. Rich golden yellow.
Wenonah. Silvery white, tipped rose pink.
Yeddo. Bright yellow.
Rob Roy. Orange, shaded red.
Margaret of York. Sulphur yellow.
Japonica. Large brilliant red.
Sec. Barotte. Deep bronzy orange.
Striata Perfecta. White, striped rose.
Price, 10 cts. each.
Set of 22 fine varieties for \$2.00.

"HARRY E. WIDENER"

Is the magnificent variety shown in the engraving below and included in the collection of newer sorts on page 114. A waxy golden yellow of full globular form, the ideal of perfection. Twelve blooms were exhibited at Philadelphia, which were admitted to be the finest flowers of its class ever shown in this country. Price, 35 cts. each, \$3.50 per doz.

SPOTTED CHRYSANTHEMUM, "LEOPARD."

The ground color is a deep shade of carmine, irregularly splashed and spotted with pure white, entirely different from anything else. It is of full average size, graceful form, and has the great advantage of being one of the latest flowering kinds. 25c. each, \$2.25 per doz.

CHINESE INCURVED VARIETIES.

Fingal. Rose violet, with lighter back; very showy.
Helen of Troy. Soft, attractive shade of pink.
Lord Mayor. Clear white, shaded rose and violet.
Diana. Clear white; compact flower.
Troubadour. Beautiful light pink.
Pink Venus. Lilac peach; large and beautiful.
Golden John Salter. Beautiful golden yellow.
Golden Empress. Deep brassy yellow.
Lady Carey. Large rosy lilac with silvery back.
Golden Prince. Clear golden yellow.
Lady Slade. Bright lilac pink.
La Nelge. Pure white; profuse bloomer.
Mrs. Geo. Rundle. Snowy white; beautifully incurved.
Pericles. Bright Indian red.
Prince Alfred. Deep pinkish carmine.
Princess Teck. Extra large creamy white.
Refulgna. Rich purplish maroon.
Virgin Queen. Soft creamy white; incurved.
Nyl Desperandum. Dark red and orange.
Esere of Stoke Newington. Rosy pink, shaded purple.
Saint Patrick. Bronzy red; very fine.
Mrs. Heale. Creamy white; exquisite form.

Price, 10 cts. each; set of 22 fine sorts for \$2.00.

POMPON, OR BUTTON VARIETIES.

Montgolfier. Maroon, tipped rich golden yellow.
Model of Perfection. Bright pinkish lilac, shading to white.
Mrs. Aristee. Deep canary yellow; Anemone flowered.
Princess Meletia. Finmbriated white; very beautiful.
Snowdrop. Pure white; flowers like miniature snow-balls.
White Bedder. Small, pure white, very early flowering.

Arbre de Noel. Deep orange, shaded red, tipped yellow; finely fringed.
Black Douglas. Dark maroon red; striking in color; deeply toothed petals.
Bouquet. Rich carmine.
Canary Bird. Light canary yellow.
Cravation. Deep pink, yellow centre.
Golden Bedder. Clear golden yellow.

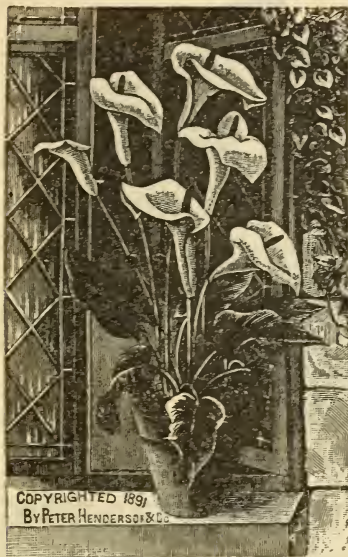
10 cts. each; \$1.00 per set of 12.

The full set of 184 kinds of Chrysanthemums, as named, for \$25.00.

A collection of 100 distinct sorts, of our selection only, for \$8.00.



HARRY E. WIDENER
(See also Newer Varieties, page 114.)



DWARF CALLA LILY, "THE GEM."

DWARF * CALLA * LILY,

"The Gem."

The great value of this over the common Calla Lily lies in its dwarf habit and freedom of bloom. The principal objection to the old variety is found in its rank growth, but in this improved sort that objection is overcome. It rarely exceeds 18 inches in height and blooms most abundantly. The flowers are not more than half the size of the common variety, and therefore can be used with telling effect in bouquets. It is in every way superior as a house plant to the larger growing variety. Price, strong blooming plants from pots, 50c. each, \$4.50 per dozen. (See cul.)

TRUE BLACK CALLA LILY.

(*Arum Sanctum*.)

A rare species from the Holy Land, which is still very scarce. The flowers are about 14 inches long from tip to base, and about 4 inches broad at the widest part, gracefully curving to a small point. They have a strong violet-like odor, are a deep velvety purplish maroon—almost black—on the upper side, and moss-green underneath. From the centre of the flower springs a spike ten inches long, of the most intense glossy black. The whole appearance of the plant is stately and elegant in the extreme—the color of the flowers stamping it as one of the most wonderful productions of nature.

Price, \$1.25 each for plants started in pots.



BLACK CALLA LILY.

YELLOW CALLA LILY.

(*Richardia Hastata*.)

Every one is familiar with the well-known White Calla Lily. The fine variety we now offer is identical with this in every respect except the color, which is light yellow, with rich purple in the throat of the flower, so that the great value of this grand novelty can be readily appreciated by all. Our stock is limited, so that each of our customers as want to procure this rare plant will do well to order early. Price, \$1 each.

WHITE CALLA LILY.

(*Lily of the Nile*.)

Pure white, large, splendid flowers. 30c. each, \$3 per doz.

SPOTTED LEAF CALLA.

(*Richardia Alba Maculata*.)

This plant is always ornamental, even when not in flower, the dark green leaves being beautifully spotted with white; in other respects the plant is the same as the White Calla, but is of dwarf habit. Price, 30c. each, \$3.00 per doz.

SPECIAL OFFER.—We will supply the set of five grand Calla Lilies offered above for \$2.50. If bought separately would cost \$3.35.

YELLOW PARIS DAISY.

(*New Branching*.)

A new, strong growing and branching variety of this very welcome plant. It will be welcomed on account of its vigorous habit and golden-yellow flowers. May be had in bloom all winter. Price, 30c. each, \$3.00 per doz.

DWARF BANANA.

(*Musa Cavendishii*.)

A dwarf form of the Banana, which is of great value as a centre plant in large "follage" beds. The leaves are broad and massive, well calculated to withstand strong winds. Planted in a large tub it will make a splendid ornament for the lawn; at the close of the season it may be placed in a warm cellar until the next season, or grown into fruit in a greenhouse or conservatory. Price, strong growing plants, \$1.00 each.

NEW

TRICOLOR CUPHEA.

(*Cuphea Lavaca*.)

One of the most remarkable flowering plants within the range of our knowledge, combining as it does three distinct colors in each flower, scarlet, purple and white. It belongs to the same family as the well-known "Lady's Cigar Plant," but is vastly superior in every way. The flowers are tubular in shape, one and one-half to two inches long, and have two bright scarlet wings at the end of each flower; the tip of the flower is bright purple, the stamens are pure white; the body of the flower is pea-green and is covered with fine crimson hairs like a moss rose, truly a wonderful flower. The plants are always in bloom when given proper care. It grows into a bushy plant about fifteen inches high, and makes an elegant appearance when potted or in the open ground. Price, 30c. each, \$3.00 per doz.

The Roses and other flowering plants I ordered from you arrived in first-class condition—not a leaf broken, all very fine; extras splendid, for all of which accept our thanks, and also for "The Garden Culture of Roses," as well as for the prompt receipt of the seeds included in the order.—H. S. CHAPPELL, M.D., Leonardville, Kans., April 6th, 1891.



The Tricolor Cuphea.
(*Cuphea Lavaca*.)

NEW TRICOLOR CUPHEA.



GILT EDGED COLLECTION

New French Cannas.

In offering these greatly improved varieties of these now most popular plants for garden and lawn decoration, we desire to call attention to our title of "Gilt Edged," which is used to call the attention of our customers to the border of golden yellow which most of these sorts have, and also to emphasize the great advance made in this section. They flower in the open ground during the entire season, and if grown in pots make grand plants for the conservatory or greenhouse. When not wanted for flowering in winter, they should be lifted after they are cut down by frost in fall, and stored away in a cellar, just like dahlias or potatoes, when they can be divided and planted again in May or June.

GILT EDGED COLLECTION.

MADAME CROZY. (See fig. 1 in engraving.) Undoubtedly the grandest of all varieties. It is shown in the left-hand corner of the engraving above. The color is a brilliant vermilion scarlet, bordered with deep golden yellow; the flowers are borne in great clusters and in such profusion that they crown the plant with a blaze of glowing color. The foliage is vivid green, broad and massive; the habit of the plant is compact and vigorous, its natural height being rarely more than four feet, but the flowers form when it is scarcely a foot high, and continue coming on the plants until frost. Extra strong plants, \$1.50 each.

THOMAS S. WARE. (See fig. 4 in engraving.) This fine variety is shown on the extreme right-hand corner of the engraving. It is the dwarfest of all Cannas and is literally loaded with dark orange scarlet flowers, formed in large, compact heads, \$1 each.

FRANCOISE CROZY. (See fig. 2.) This variety is shown by a single flower adjoining Mme. Crozy in the engraving. The color is a unique shade of light apricot, bordered with bright yellow. \$1.00 each.

FRES. CARNOT. A majestic variety with dark chocolate foliage, flowers deep scarlet, large and beautifully rounded. \$1.00 each.

TROCADERO. A grand sort in flower and foliage. The blooms are a deep crimson lake of the richest shade, and are borne in wonderful profusion. Twenty-seven separate heads of flowers were counted on a single plant in our grounds. \$1.00 each.

MME. BERRARD. Bright orange scarlet, edges golden yellow. \$1.
PIERRETTE DE BIORLET. Rich golden yellow, spotted and streaked with vermilion. This variety is shown in the engraving above. (See fig. 3.) 75 cts. each.

The "Gilt Edged" of seven new sorts for \$5.00. (If bought separately would cost \$7.75.)

GENERAL COLLECTION.

Antoine Crozy. Flowers deep crimson, light green foliage.
Admiral Courbet. Light yellow, speckled with orange scarlet.
Aurora. Deep yellow mottled orange.
Adolph Welck. Rich carmine crimson.
Bertal. Deep salmon flowers, almost scarlet, deep green foliage.

Edouard Andre. Deep carmine flowers, chocolate foliage.

Emile Leclere. Flowers golden yellow, mottled crimson.

Flamboyant. Flowers crimson lake shaded orange.

G. Coustant. Flowers light primrose yellow, mottled bright orange.

Gerard Audran. Rich vermilion, throat spotted yellow.

Geoffrey St. Hillaire. A grand variety. Large Orchid-like flowers of a deep glowing orange shade; very large flower spike; foliage chocolate colored. 50 cts. each.

Hippolyte Flandrin. One of the best sorts we offer. Color a rich deep salmon, very showy, a dwarf, compact grower.

J. Cardoux. Flowers brilliant cardinal red; large and showy.

La Mascotte. Deep carmine, the base of the petals beautifully spotted with yellow.

Louise Christian. Flowers clear yellow, splashed with orange.

Louis Thibaud. A curious blending of orange and carmine—not unlike the color of a "Bon Silene" Rose. Very free flowering.

Madame Just. The lower part of the petals is flame color, the upper part golden amber. A superb variety.

Mme. de Liabaud. A grand variety; deep carmine lake.

Revol Massot. Carmine red, lower petals blotched yellow.

Sunset. Light orange, large size; foliage Musa-like in its texture.

Ulrich Bruner. Flowers orange red, lower petals striped yellow.

Unique. Ground color golden yellow, marked with bright crimson.

Victor Hugo. Deep orange red flowers, foliage dark purplish crimson. A grand variety. 50 cts. each.

Price, strong roots, 25 cts. each, except where noted; or set of 23 sorts as named above for \$5.00. Our selection of sorts in quantities for massing at \$15.00 per 100.



FOUR GRAND CARNATIONS.

In the adjoining engraving we show four of the newest and best varieties. Each one is a sharp contrast to the other, but this effect is not apparent in the cut.

No. 1. **ORIENT.** Rich crimson maroon, very free blooming, beautifully fringed.

No. 2. **LOUISE PORSCHE.** Clear lemon yellow, very slightly pencilled with red, a splendid grower and free bloomer. The finest yellow Carnation as yet offered.

No. 3. **DAYBREAK.** The best and most distinct Carnation offered in years. The color is an exquisite shade of flesh pink, entirely distinct from every other variety, and sure to charm the most fastidious. 50c. each.

No. 4. **MRS. FISHER.** "White as the driven snow" and beautifully fringed, fragrant and free; in every respect a peerless variety.

Price, 30c. each, except Daybreak. **SPECIAL OFFER**—Set of Four Grand Carnations for \$1.00. (If bought separately would cost \$1.40.)

NEW RED BEDDING COLEUS,

"Fire Crest."

This grand red bedding Coleus originated with Mr. Wm. Ball, Spuyten Duyvil, N. Y., from whom we purchased the entire stock. It is, without exception, the most brilliantly colored Coleus as yet introduced; in fact, we know of no plant surpassing it in brilliancy of coloring. The major portion of the foliage is a bright carmine crimson shade, the edge is slightly marked with golden yellow, which heightens the coloring, the centre of the leaves is blotched with deep bronze, the leaves are deeply toothed and have that graceful wavy appearance so desirable. The habit is close and compact, very short jointed, so that the leaves overlap each other and give the effect of the entire plant being one mass of brilliant red; exposed to the brightest sunlight this coloring is intensified. It in no way competes with Verschaffeltii; in fact, the contrast is so marked that both could be planted together with advantage. As a foil to the yellow and light colored varieties, or as a border to a bed of cannas, it is grand, and well deserves its name of "Fire Crest." Price, 15c. each, \$1.50 per doz., \$8.00 per 100.

NEW YELLOW BEDDING COLEUS,

"Shelley's Yellow."

In this grand yellow bedding Coleus, which is, we believe, now offered for the first time, we have a compact vigorous grower, which is without a trace of any color except yellow, equal to Golden Bedder in this respect and surpassing it in vigor. During the hot, dry spells last summer, where Golden Bedder failed entirely this fine variety was superb. It will rank first among yellow Coleus, as Verschaffeltii does among dark crimson ones, and is the best companion to that fine variety as yet introduced. Price, 15c. each, \$1.50 per doz., \$8.00 per 100.



FOUR GRAND CARNATIONS.

(For other varieties see page 123.)

EULALIA GRASSES.

Gracillima. Foliage very narrow and of a beautiful green color, midrib silvery white. This variety is not only very useful as a hardy plant, but is also very desirable for decorative purposes.

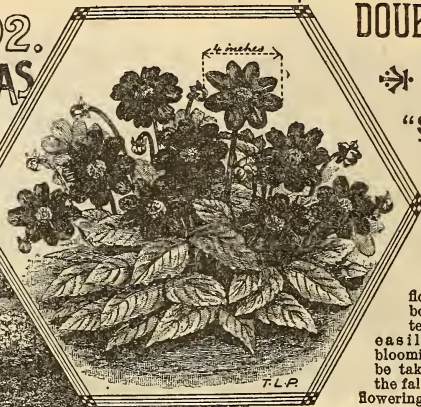
Eulalia Japonica Zebrina (Zebra Grass). Unlike all other variegated plants, this has its striping or marking across the leaf, instead of longitudinally.

Eulalia Japonica Var. Leaves striped white and green longitudinally. The flower spikes of both are valuable for parlor ornaments. 1st size, 50c. each, \$4.50 per doz.; 2d size, 25c. each, \$2.25 per doz. **SPECIAL OFFER**—Set of three Eulalias, 1st size, \$1.25; 2d size, 75c.

The NOVELTY FOR 1892.
NEW
"TOM THUMB" DAHLIAS



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BY
PETER HENDERSON & CO.



DOUBLE WHITE

DAISY,

"SNOWFLAKE."

In the engraving below we show this most useful plant. Growing only from six to eight inches in height and covered during the entire season with its large, pure white flowers, its value as a border plant or for cemetery decoration can be easily appreciated. After blooming all summer it can be taken into the house in the fall and it will continue flowering all winter. It is without question one of the most valuable plants we have offered in years. Price, 30c. each, \$3.00 per dozen.

DOUBLE CRIMSON DAISY.

This variety is always scarce, owing to the fact that it can only be increased by root division and not by seed. It blooms in the early spring, continuing in flower all summer, growing only 4 to 6 inches in height. Its masses of rich, scarlet crimson blossoms make a vivid and charming contrast to the deep green of the foliage. Price, 20c. each, \$2.00 per dozen.

"TOM THUMB" NEW SINGLE DAHLIAS.

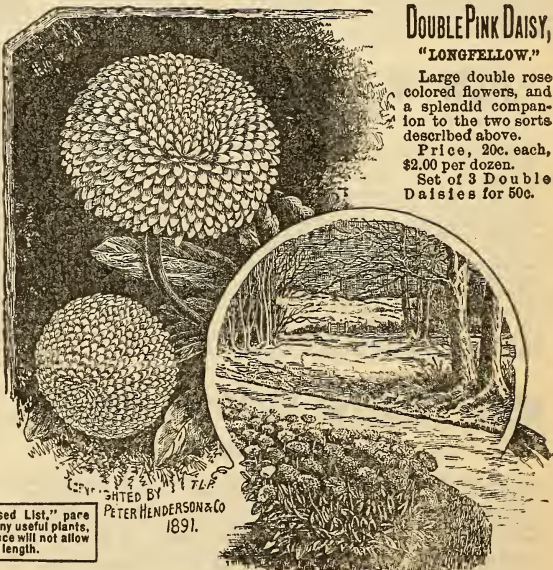
It is seldom that such a decided break occurs in a race of plants as in the Dahlia, an entirely new class of which is now offered in the "TOM THUMB" varieties illustrated above. They will become most popular bedding plants; their dwarf habit and profusion of bloom, with brilliant colors, making them unrivaled for that purpose. We are indebted to Mr. T. W. Girdlestone, the secretary of the National Dahlia Society of England, for this new race, and we control the stock in the United States. Below we give the names and short descriptions of the varieties we offer. The natural height is only from 12 to 15 inches, and about 24 inches across the plant, forming a compact little bush.

- BO FEEP.** Deep maroon, dark ring in the centre, \$1.00.
BOOTLES. Rich velvety red.
HANTAM. Very handsome dark scarlet.
HOOP-LA. Rich velvety maroon, yellow ring in the centre.
LILLIPUT. Light scarlet lined orange, \$1.00.
MIDGET. Pure scarlet, very bright.
MISS GRACE. Light orange, very attractive.
MINIATURE. Clear bright yellow.
MAUD. Deep glowing scarlet, \$1.00.
MIGNON. Bright pink, white ring in centre, \$1.00.
PEARL. Deep mauve, very distinct.
TOM TIT. Orange scarlet, yellow ring in centre.

Price, 75c. each, except where noted.

Special Offer.—Set of 12 "TOM THUMB" Dahlias for \$7.50.

Our "Condensed List," page 143, contains many useful plants, which lack of space will not allow us to describe at length.



DOUBLE PINK DAISY, "LONGFELLOW."

Large double rose colored flowers, and a splendid companion to the two sorts described above.

Price, 20c. each, \$2.00 per dozen.

Set of 3 Double Dahsies for 50c.

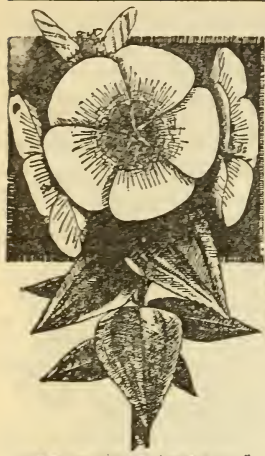
Growing Plants only, Ready May 1st.

DOUBLE WHITE DAISY. "SNOWFLAKE."

NEW VARIEGATED LEAF IMPATIENS.

A variegated form of the well-known Impatiens Sultana, the leaves being prettily marked with pure white on a dark green ground. The flowers are a deep shade of rosy carmine and are produced in wonderful profusion. The contrast between flowers and foliage is very marked, giving the plants a unique and charming appearance. Price, 40c. each, \$4.00 per doz.

We can supply the green foliaged variety also. Price, 20c. each, \$2.00 per doz.



NEW HARDY HIBISCUS, "CRIMSON EYE."

NEW HARDY HIBISCUS, "Crimson Eye."

The "Crimson Eye" is a robust grower; stems deep red; foliage veined and tinged red; flowers of the very largest size, with petals broad and flat, making each flower as full and round as a dinner plate. The color is a clear, dazzling white, with an intensely brilliant crimson spot at the base of each petal, making a crimson eye two inches across in the centre of an immense white flower. In texture the flowers are strong and yet of such a waxy appearance that there is nothing suggesting coarseness in them.

Price, strong 2-year old plants, 50c. each, \$4.50 per doz.

++ NEW ++

DOUBLE-FLOWERING MUSK PLANT.

One of the most pronounced "Novelties" in our catalogue this season. Every one is familiar with the common "Musk Plant," hence this improved double-flowering variety will be doubly welcome. It grows most luxuriantly and is always covered with its bright yellow perfectly double flowers; the foliage is equally fragrant as the common variety. It makes a splendid pot plant for the window, or it can be used with telling effect in baskets or vases; its graceful drooping habit eminently fits it for either purpose.

Price, 90c. each, \$3.00 per doz.

NEW DWARF ABUTILONS.

A new race of these very useful plants which originated with the celebrated M. Lemoine, of France. They grow only about two feet high and are literally covered with flowers. Calypso. Flowers very large and open like a bell; color, pure white; very profuse in blooming.

L'African. Very dwarf and covered from the ground to the top of the plant with flowers of the darkest crimson maroon; a splendid variety.

Sanglant. Deep red flowers of the largest size and perfect form; entirely distinct.

Price, 40c. each; set of 3 new sorts for \$1.00.



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1891
PETER HENDERSON & CO.

IMPATIENS
SULTANA
VARIEGATA

Roses arrived in good shape, and I state right here that from thousands of plants I received this spring, all of them traveling only about half the distance, yours were the finest and cheapest.—C. BUTTSER, Wallace, Idaho.

WHITE LILY OF THE VALLEY.

Flowering pips, 5 cts. each, 50 cts. per doz.; large clump, 50 cts. each, \$4.50 per doz.



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Peter Henderson & Co.

NEW DOUBLE-FLOWERING MUSK PLANT

NEW HYBRID GERANIUM, "P. CROZY."

The gentleman to whom we are indebted for the dwarf French Cannas has succeeded in obtaining a cross between the Ivy Geraniums and the Zonals. We now offer it for the first time. The foliage shows the blending of the two races, having the form of the Ivy and the substance and size of the Zonals. The flowers are brilliant scarlet, borne in the greatest profusion, the trusses measuring six inches across and the individual florets two inches. The habit is dwarf and compact; the flowers are semi-double and last a long time. As a pot plant or in beds in the open ground it surpassed in brilliancy any variety in our grounds.

Price, 75c. each, \$7.50 per doz.

.. PINK ..

Lily of the Valley.

The old-fashioned white variety of the above is one of the greatest garden favorites, and this PINK variety will undoubtedly become just as popular. It is as free-blooming as the White, just as fragrant, and is an exquisite shade of Rosy Pink. The pips we offer will flower this season.

Price, 10c. each, \$1.00 per doz., \$6.00 per 100.



PELARGONIUM "MABEL."

SHOW PELARGONIUMS

(Imported Varieties.)

We have taken great pains to secure a fine collection of these, and now offer, perhaps, the best varieties known at the present time. These have been imported from the famous growers of England and the Continent, where their culture is carried to the highest degree. We append a list of varieties and descriptions, but words cannot describe the beautiful markings and gorgeous colors of these wonderful plants.

Sultana. Rich red, enlivened with chestnut, upper petals of a much richer shade and feathered maroon, pure white centre, and encircled with a soft shade of purple, the whole flower margined pure white.

Mrs. John Stone. Quite a distinct shade of color, deep puce, large pure white centre, feathered maroon, and very much resembling a Gloxinia, certainly different to what we have hitherto seen in the Pelargoniums; dwarf and free.

Lord Salisbury. Bold and attractive flowers; lower petals having large distinct maroon and orange blotches, upper petals almost black, shading off to orange and carmine, and edged soft pink.

President Harrison. Sport from *Madame Thibaut*, deeper in color than the parent plant, with deep reddish pink flowers, blotched in upper petals; very dwarf and free; a grand addition and quite distinct from any other variety. For market invaluable.

Beauty of Oxtou. The upper petals are of a very rich maroon color, darkly blotched; under petals very dark crimson, shaded with maroon, light centre, tinted with rose; all the petals are regularly margined with white, and beautifully fringed.

Spplendour. Deep crimson, white throat.

Belle de Paris. Bright pinkish red veined crimson. A fine market variety.

Victor. Deep crimson, feathered, light red, white throat. *Madame Fape-Carpentier*. Double white, slightly tinged in top petals in the way of *Jeanne d'Arc*; large trusses; free. \$1.00 each.

Queen of Stripes. Beautifully striped and spotted, pure white.

Rose Queen. Bold well-formed flowers of a most exquisite and pleasing shade of bluish pink, small red spots on lower petals, upper blotched maroon and red; certainly one of the most attractive ever sent out, and cannot fail to be admired by all.

Rob Roy. Purple lower petals, top petals black, with purple edge.

Mabel. Dark maroon top, narrow edge; a heavily painted variety. (See card.)

Princess of Teck. Also from *Madame Thibaut*; pure white flowers of immense size, with nice crimped edges; strong grower and free.

Charles Outram. White, with deep purple blotch in centre of each petal.

Venus. The earliest of all white-flowering varieties.

Lady S. Ibbetson. Very deep lake, feathered in upper petals, deep maroon, white throat and margin.

Evening Star. Deep crimson, small blotch, white throat.

Price, 50 cts. each, except where noted. Set of eighteen Grand Show Pelargoniums, \$7.50.

Plumbago Capensis Alba.

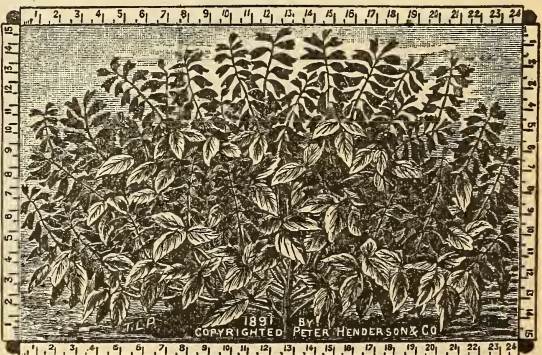
One of the most useful plants for pot culture in the greenhouse, conservatory or sitting room. It forms a graceful plant, and when in bloom is covered with large panicles, or clusters of pure white flowers. If planted out in the open ground it may be had in bloom during the summer, and if lifted and taken indoors in the fall, will bloom again during the winter. Price, 30 cts. each, \$3.00 per doz.

Scarlet Salvia, "A. A. Wettig."

A very early-flowering variety, dwarter in habit, earlier in flowering and of more substance than the common variety. Plants in our grounds were covered with flowers June 1st, and bloomed all season. Price, 25 cts. each, \$2.25 per doz.

New Dwarf Scarlet Salvia, "Wm. Bedman."

The grandest addition to our list of bedding plants introduced in years. It originated with the gentleman whose name it bears, from whom we purchased the entire stock, so that we control this superb novelty. It forms a compact bush completely covered with rich scarlet flowers, which are of heavier substance than the older sort and remain longer on the plants. The engraving was made from a photograph of a plant in the open ground, which by actual measurement was only fifteen inches high and two feet across. The foliage is as large as the old sort and is so thick on the plants that it covers the ground, forming a mound of vivid green surrounded by blazing red flowers. As a border plant or vase plant it will be indispensable, and as it will bloom abundantly in pots it will be of the greatest value as a market plant for florists. Price, 40 cts. each, 3 for \$1.00, 7 for \$2.00, 12 for \$3.00.



NEW DWARF SALVIA, "WM. BEDMAN."

PLANTS

General Collection of
STANDARD SORTS



CLEMATIS JACKMANII

Is the plant shown in the above engraving. Its manner of growth is well illustrated above. For description and price of this and other Clematis, see page 123.

* ASTERS, *

READY MADE SET.

Undoubtedly among the most valuable of summer-blooming plants, when planted in masses or when scattered through a mixed border. No class of plants, perhaps, gives such a variety of color, and none is more valuable for all the purposes of a garden flower. Price, 10 cts. each, \$1.00 per doz., \$6.00 per 100.

AGERATUM.

Cope's Gem. Best dwarf blue.

White Cap. Best dwarf white, splendid for cemetery decoration. 10 cts. each, \$1.00 per doz., \$6.00 per 100.

* ASPARAGUS TENUISSIMUS. *

Very fine, filmy foliage. A handsome climbing plant for the window, and a very useful pot plant. Price, 15 cts. each, \$1.50 per doz.

* ASPARAGUS PLUMOSUS NANUS. *

One of the handsomest of our foliage plants. The leaves are a bright green, are gracefully arched, and are as finely woven as the finest silken mesh. Their lasting qualities when cut are remarkable, retaining their freshness for weeks; hence it ranks as the most valuable plant we have for this purpose, surpassing Maiden-hair Ferns in grace, fineness of texture and richness of color. Price, strong plants, \$1.00 each.

.. ACHIMENES. ..

Magnificent bulbous plants for the greenhouse or conservatory, flowers produced in the greatest profusion. In the whole range of bulbous plants there is nothing to surpass these in effectiveness as pot plants. They rival the Gloxinias in richness of color, but surpass them in grace and freedom of bloom. The bulbs must be kept dormant in winter, and about January should be potted in light soil and leaf-mould; this, with a little moisture and temperature of 66 to 70°, will start them into growth. Beginning about May they bloom continually the entire summer. Price, 30 cts. each, \$3.00 per doz. (See cut.)

* AMARYLLIS. *

Vittata Hybrids: These are beautifully striped and blotched, and are deliciously fragrant. White striped and blotched orange and scarlet, \$1.00 each, \$9.00 per doz. Red veined, striped and dashed with white, \$1.00 each, \$9.00 per doz.

Equestris (Barbadoes Lily). A profuse flowering variety; flowers red with white, centre. 30 cts. each.

Formosissima (Jacobean Lily). Dark scarlet, free-blooming. Splendid for pot culture, and can be grown in water like Hyacinths; flowers in summer if kept dry during winter; 50 cts. each, \$4.00 per doz.

Johnsonii. Strong, vigorous growth, bearing from 3 to 6 brilliant red flowers on each stem. The petals are striped with white, rendering the flower very attractive. Very fragrant. (See cut.) Price, 50 cts. each, \$4.50 per doz.

Undulata (Nerine). A very pretty species, with bright pink wavy flowers. 50 cts. each, \$4.00 per doz. SPECIAL OFFER—Set of 6 fine Amaryllis for \$3.00.



AMARYLLIS JOHNSONII

Agapanthus, Umbellatus.

(The Blue African Lily, or Love Flower.)

This is a grand plant both for decoration outside and in the greenhouse. Foliage large and graceful, clusters of 20 to 30 bright blue flowers crowning each of the flower stalks, which frequently attain a height of 3 feet—the flowers opening in succession for a long period during the summer and autumn. They are noble ornaments on lawns or in pots or tubs on terraces or piazzas. 35 cts. each, \$3.50 per doz.



ACHIMENES.

CHINESE AZALEAS

FOR HOUSE CULTURE.

Few plants reward the cultivator more liberally with wealth of bloom than these, and no collection of plants, however small, should be without them. We offer a grand collection—the best we could select in Europe—comprising the most distinct and best varieties in cultivation, embracing all shades of crimson, white, pink, variegated and rose color. The plants are all shapely specimens, well "headed."

1st size, \$1.50 each; set 12 varieties for \$15.00
2d " 1.00 " " 12 " " 9.00
3d " .50 " " 12 " " 5.00

Young plants, from 3-inch pots, 25 cts. each, \$2.25 per doz.

SINGLE WHITE AZALEA.

(*Indica Alba.*)

A pure white variety, equally valuable for indoor and outdoor culture. It is hardy in the vicinity of New York, many plants of it having survived the winters in Greenwood Cemetery for many years, forming bushes over twenty feet in circumference, which are among its most attractive features.

Price, 1st size, 50 cts. each, \$4.50 per dozen.
" 2d " 25 " " 2.25



AZALEA.

ARDISIA

CRENULATA.

An old but rather scarce plant, producing bright scarlet berries, which remain a long time on the plant. Very handsome. Price, 75 cts. each.

BOUVARDIAS.

Valuable plants for house culture, producing large clusters of flowers. See varieties named below.

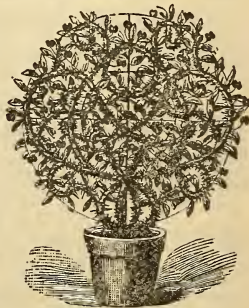
Double Pink. Like a miniature Tuberosa; delicate rosy pink.
Davidsoni. White; fine form; fine variety for winter forcing.
Pres. Cleveland. Brilliant scarlet; free bloomer.

25 cts. each, \$2.25 per dozen.

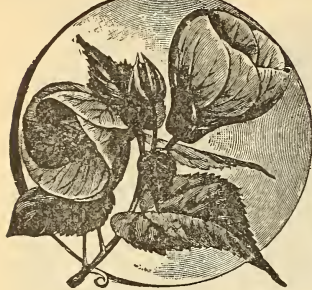
CROWN OF THORNS.

(*Euphorbia splendens.*)

A curious plant with thick, fleshy twining stems, which are covered with stout, sharp spines nearly an inch long. There is a tradition that this plant furnished the material for the "Crown of Thorns" used in the divine tragedy. The foliage is bright green and the flowers are a beautiful coral pink, very pretty when in bloom. Price, 30 cts. each.



EUPHORBIA SPLENDENS.
(Crown of Thorns.)



ABUTILON ERECTA.

ABUTILON ERECTA.

Flowers erect instead of pendulous, a very pretty shade of pinkish orange. Unlike the other sorts the flowers are always in view, owing to their erect habit. (See cut.) Price, 20 cts. each, \$2.00 per doz.

ABUTILONS, ASSORTED.

Flowering shrubs growing from two to six feet in height; flowers pendulous; bell-shaped; blooming in abundance during the entire season; now much used for flowering in winter. We offer a collection of 20 sorts, embracing white, crimson, pink, rose, yellow, orange, variegated, &c. Also the double-flowered and trailing sorts. Price, 10 cts. each; set of 20 sorts, including the sorts specially described, for \$2.00.

GOLDEN SPOTTED

ABUTILON, "Eclipse."

This is a novel and distinct variety. The leaves are beautifully spotted with golden yellow on a green ground. The flowers are orange-yellow, and are produced abundantly. It is an excellent plant for edging foliage beds, and as a basket or vase plant is unsurpassed, while as a specimen in the window or conservatory it has few equals. Price, 15 cts. each, \$1.50 per doz.

SWEET ALYSIUM, "Double Tom Thumb."

The Single Tom Thumb Alyssum, which we were the first to introduce several years ago, has proved to be the best of all Alyssums for either ribbon lines or pot plants. This variety has the same dwarf habit as the single, but its trusses are much longer and the florets



double. The double flowers hold on so long that the plant is always in bloom, and never has that ragged and unattractive appearance that the old varieties have when out of flower. (See cut.) 15 cts. each, \$1.50 per dozen.

We can also furnish *Single Tom Thumb, Colossus, Variegated Alyssum, and Sweet Alyssum.* 10 cts. each, \$1.00 per dozen.

DOUBLE GOLDEN MARGUERITE.

(*Anthemis Coronaria, fl. pl.*)

The engraving gives a fair idea of this most beautiful plant. Nothing could be more showy, either as a pot plant or bedded out. This plant might well be called the "Shower of Gold," as it is a perfect mass of rich golden yellow flowers the whole year round, being equally useful in winter as in summer. Well-grown plants have as many as 150 flowers on them at once.

20 cts. each. 4 for 75 cts., 12 for \$2.00.



ALYSIUM, "DOUBLE TOM THUMB."

COPYRIGHTED BY HENRY DODDSON & CO.

BEGONIA, FLOWERING.

Plants adapting themselves to a variety of uses, are used for planting in the garden for summer decoration, or as pot plants for cut flowers in winter. They are largely used in the construction of bouquets, etc., by florists.

- Fuchsoides Alba. Flowers pure white.
- Hybrida Multiflora. Rosy pink flowers.
- Saundersonii. Bright red flowers.
- Scandens. A useful trailing variety.
- Ingramii. Rose color.
- Rubra. Dark coral color; splendid.
- Metallica. Crimson and maroon foliage.
- Semperflorens Alba. Pure white.
- Washingtoniana. Strong upright grower; large panicles of white flowers. 50c.
- GIGANTEA ROSEA. (See cut.) One of the grandest of all Begonias; large rosy red flowers and deep green foliage. 50c.
- Punctata. Foliage deep pink, spotted white; pink and white flowers.
- Lobata Var. Graceful foliage; deep green, spotted white.
- 15c. each, \$1.50 per dozen, except where noted; set of 12 sorts for \$2.00.

CANNA (Indian Shot).

Plants used largely in sub-tropical gardening, for the grand effect which their rich and varied colored leaves produce. They combine the most striking tropical foliage, with flowers many of them equal to

- Glabriolus. (For new Dwarf Ever-blooming Varieties see page 120.)
- Ehemani. Entirely distinct from all other Cannas, its rich green, tropical foliage resembling the Musa or Banana. The crimson flowers are produced in masses on the summit of whip-like stalks, with 25 or 30 flowers on each. 25c. each, \$2.25 per dozen.
- Noutonii. A variety equal to the above in its rich, tropical appearance, but surpassing it in profusion of bloom and richness of color. Price, 25c. each, \$2.25 per dozen.
- Flaccida. A dwarf variety with bright yellow lily-like flowers, valuable for bedding. (See cut.) Price, 25c. each, \$2.25 per dozen.
- Assorted. All the leading varieties, light and dark foliage. 15c. each, \$1.50 per dozen. \$10.00 per 100.

CAMELLIA JAPONICA.

We offer splendid plants of the above. They embrace Double White, Double Pink, Double Variegated and Double Red. Price, 1st size (in bud), \$1.50 each; 2d size, 75c. each, \$6.00 per dozen.



CANNA FLACCIDA.



BEGONIA GIGANTEA ROSEA.

BEDDING PLANTS.

The below-named are all well-known tested varieties of the leading plants that are used for "carpet bedding," "massing," "ribbon line" planting or general bedding. We grow immense quantities of this class of stock, and we are in a position to execute the largest orders in a prompt, satisfactory manner, and at the lowest rates. Parties desiring large quantities will do well to write us, and we will make special prices.

Alternanthera P. Major. The "Rainbow Plant".....	Per 100 \$6.00
Alternanthera, Aurea Nana. The finest yellow.....	6.00
Ageratum. "White Cap." Best white.....	4.00
Ageratum "Cope's Gem." Best blue.....	4.00
Caladium Esculentum. Large foliage.....	\$12.00, \$25.00 and 50.00
Canna. Large, tropical foliage; light and dark.....	10.00
Canna, New French. (See description, page 120.).....	15.00
Coleus, Verschaffeltii. Crimson.....	5.00
" Golden Bedder. Yellow.....	5.00
" Hero. Black.....	5.00
" Silver Leaf." Yellow and green.....	5.00
Coleus, "Black Dwarf." Foliage black; grows about six inches high.....	6.00
Coleus, Golden Verschaffeltii. Bright yellow.....	5.00
Coleus, "Fire Crest." (New.) Carmine crimson.....	8.00
Echeveria, Secunda, Glaucia, etc.....	8.00
Geranium, Gen. Grant. Best single scarlet.....	8.00
" DbI. Gen. Grant. Best double scarlet.....	8.00
" Naomi. Best double pink.....	8.00
" Miss Wakefield. Best single pink.....	8.00
" La Favorite. Best double white.....	8.00
" Queen of the Belgians. Best single white.....	8.00
" Mt. of Snow. Best silver leaved.....	8.00
Lobellias. Best dwarf; blue.....	4.00
Pansies. Finest mixed.....	4.00
Petunias. " double.....	10.00
" single.....	5.00
Salvias. "Scarlet Sage".....	6.00
Verbenas. Scarlet, white, blue, pink, etc.....	4.00
Centaurea Gyocarpica. (White leaved).....	6.00

SPECIAL NOTE.—We will be pleased to give special quotations on bedding plants of all kinds if wanted in larger quantities than offered above.

FANCY COLEUS.

Our stock of Fancy Coleus is unsurpassed; many of the finest varieties in cultivation originated with us, and we aim to keep only such varieties as will give satisfactory results. 12 distinct varieties, 10c. each, \$1.00 per dozen.

For varieties specially adapted to bedding in larger quantities, see Bedding Plants on this page above.

FANCY CALADIUMS.

Large quantities of these are now used for summer and fall decoration. They are easily grown, thriving in pots or boxes in the house or shaded situations out-of-doors. The bulbs should be dried off in October and kept in a warm, dry place during the winter. They should be started into growth about May 1st. (See cut.) 30c. each; set 12 finest varieties for \$3.00.

CYCLAMEN PERSICUM.

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. Price, mixed colors only, 30c. each, \$3.00 per dozen.



FANCY CALADIUMS.

MONTHLY CARNATIONS.

No garden of flowering plants is complete without a collection of these. In the varieties named and described, a type of which is shown by the illustration, we offer the best and most distinct of the sorts of recent introduction, being careful to select such as combine beauty of form, most distinct and brilliant colors, with vigor of growth and free-flowering qualities.

"LIZZIE" & "MCGOWAN."

This grand sort is the result of a cross between the varieties Hinzey's White and Peter Henderson. The flowers are of the purest white, frequently three inches across, and are of fine substance. The habit of the plant is strong and free, being remarkably floriferous. It is undoubtedly the finest white variety at present. (*See cut.*)

Silver Spray. One of the best white varieties we have, distinct from the above, strong habit and very free blooming.

Peerless. Another very fine white variety of the largest size and substance. Habit and constitution all that could be desired.

Fortia. Brilliant scarlet. In richness of color, profusion of bloom, vigor and growth, and every essential of a first-class carnation, this variety stands unequalled.

Grace Wilder. The pink carnation *par excellence*. Thousands of this variety are grown for the New York market in preference to other sorts of more recent introduction claimed to be superior.

The Bride (White Grace Wilder). Identical with Grace Wilder in every respect except the color, which in this variety is pure white. This sort is an important addition to our list of winter-flowering carnations.

American Flag. The best striped carnation as yet introduced. The flowers of this fine variety brought on the average 25 per cent. more than any other carnation in the New York market last winter.

Crimson King. Dark crimson. One of the best in its color. Hinzey's White. A very good white carnation planted largely for the New York market.

L. I. Lamborn. This magnificent variety is the finest white introduced in many years; of the purest white, deeply fringed; having flowers measuring $2\frac{1}{2}$ inches and over in diameter, never bursting the calyx.



CARNATION, "LIZZIE MCGOWAN."



Clerodendron & Balfourii.

A rapid-growing ornamental vine, unsurpassed for the loveliness of its flowers and foliage. The body of the flower is bright crimson enveloped in a creamy white calyx. These grand blooms are borne in great, pendent panicles and make a grand contrast against the dark green foliage. Grown in pots it may be had in bloom during the fall and winter months, and planted out again in the spring.

Price, 40c. each, \$4.00 per doz.

CLERODENDRON BALFOURII.

Alexander. Deep carmine pink, a very pretty shade of color. Fine grower and profuse bloomer.

Bertha Soper. Light salmon pink, beautifully fringed; a very desirable variety.

Pride of Kennett. Ox-blood red; a most profuse bloomer and free grower.

Tidal Wave. Brilliant rosy carmine, fine form and substance; one of the best varieties in our list.

Anna Webb. Deep maroon.

Price, 15c. each, \$1.50 per doz.

SPECIAL OFFER.—Set of 15 Monthly Carnations for \$1.75.

SUMMER GARDEN PINKS.

(READY MAY 1st.)

We will have ready about the date mentioned above pot grown plants of Dianthus, or Summer Garden Pinks, assorted colors, double and single. They make splendid plants for the garden. Price, 10 cts. each, \$1.00 per dozen, \$6.00 per 100.

HARDY GARDEN CARNATIONS.

We make a specialty of this exceedingly useful class of plants, and by constant selection of the finest sorts for seed purposes have developed magnificent varieties. They are elegantly fringed and have delicious clove fragrance. Every color known in Carnations is represented—white, crimson, scarlet, orange, maroon, yellow, striped, speckled, etc.; but although all these colors and numerous shades not mentioned are to be found in them, yet having been grown from mixed seed we cannot supply any special color. No flower is so valuable for summer bouquets. In almost all sections these Carnations will prove hardy and make fine flowering plants for years. Price, 15 cts. each, \$1.50 per dozen, \$10.00 per 100. Strong healthy plants.

GLIVIA (IMANTOPHYLLUM) MINIATUM.

An exceedingly ornamental plant, for greenhouse or conservatory; it flowers during the spring and summer months, remaining in bloom for a long period. The flowers, about 2 inches long, are borne in clusters of from ten to twenty; color a fine red orange shading to buff. \$1.50 each.

CLEMATIS ▲ ▲ ▲

The Clematis is, perhaps, the most popular climbing plant of the day, and is constantly gaining in popularity. Entirely hardy, blooming during the entire season, embracing great variety of color, of the most beautiful tints of blue, purple, lavender, scarlet, white, etc.; double and single—some of the flowers being six inches in diameter, and from their wavy, graceful contour, when wafted by a slight breeze, the flowers resemble huge butterflies hovering among the green leaves. They are all climbers, and, if trained carefully, attain a height of from five to fifteen feet in one season. The plants we offer, being grown in pots, can be planted out with safety at any time in the Northern States from April to June, or in the Southern States from January to May.

GENERAL COLLECTION OF FINEST VARIETIES.

- Languinosa Candida.** Large, white, tinted lilac.
- Jackmanii.** (See special description.)
- Henryii.** (See cut and special description below.)
- Crispa, "Blue Bells."** (See special description.) 30 cts.
- Lady Londesboro.** Silvery gray, pale bars.
- Flammula.** (Virgin's Bower.) White fragrant. 30 cts.
- Coccinea.** Scarlet. (See special description.) 30 cts.
- Fair Rosamond.** Bluish white.
- Lord Londesborough.** Rich mauve.
- Miss Bateman.** White.
- Lilacina floribunda.** Pale gray lilac, deeply veined.
- Bokoop's Seedling.** Lavender, very large extra.
- Kermesina.** New; red, distinct; free bloomer.
- Lawsoniana.** Rosy blue; extra.
- Sensation.** Grayish blue.

Price, \$1.00 each, except where noted. All fine plants. Set of 25 sorts for \$20.00.

See our Condensed list, page 143. It contains many useful plants.

- Standishii.** Violet blue.
- Duchess of Edinburgh.** Double white.
- Lucie Lemoine.** Double white, fragrant.
- Gypsy Queen.** Dark veiny purple.
- The Gem.** Deep lavender blue.
- Star of India.** Reddish plum color.
- Mad Grange.** Crimson violet, red bar in centre.
- Lady Caroline Neville.** French white, mauve bars.
- Rubra Violaacea.** Maroon, shaded violet.
- Fairy Queen.** Pale flesh, with pink shaded purple at base.

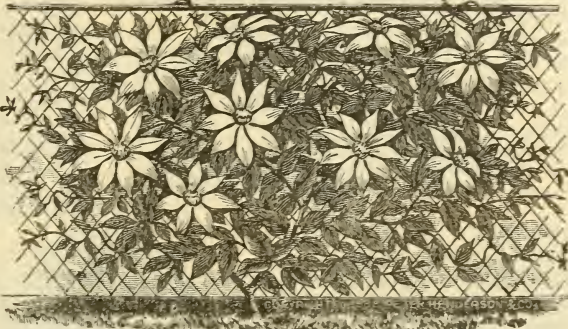


CLEMATIS JACKMANII.

CLEMATIS : JACKMANII.

The best known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. It is the variety shown in the engraving above, which gives a fair idea of this superb Clematis.

1st size, \$1.00 ea., \$7.50 per doz.
2d " .75 " 4.50 "



CLEMATIS HENRYII.

CLEMATIS : HENRYII.

This variety is a much stronger grower than most of the other varieties, and is entirely hardy. Excellent for cemeteries, or wherever a hardy climber is desired. (See cut.) Large, strong plants, \$1.00 ea., \$9.00 per doz. 2d size..... .75 " 7.50

CLEMATIS : DAVIDIANA.

Unlike the other sorts offered, this forms a bush about three feet in height and in the fall is covered with deep blue, very fragrant flowers. It is one of the most showy garden plants imaginable, and entirely hardy. Price, 30 cts. each, \$3.00 per dozen.

CLEMATIS : CRISPA.

Although a native of the Southern States, it is entirely hardy. Like all the other Clematis, it is a rapid climber and profuse bloomer. The flowers are bell-shaped, purplish blue, and emit a rich fragrance. Price, 30 cts. each, \$3.00 per dozen.

CLEMATIS : COCCINEA.

Bright scarlet has been a color hitherto unknown in Clematis, but in this sort we have that color which, when placed in contrast with the blue, purple and white kinds, has a most striking effect. It is equally hardy as the other well-known sorts. 30 cts. each, \$3.00 per dozen.

CLEMATIS : FLAMMULA.

"Fragrant Virgin's Bower."

This is an old and well-known species, entirely distinct from the above; flowers pure white, deliciously fragrant. The plants attain a height of twenty feet, and, when trained on trellis work and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy. 30 cts. each, \$3.00 per dozen.



CLEMATIS DAVIDIANA.

DAHLIAS.

It may seem superfluous to say anything in praise of this grand race of garden plants so familiar to all, which are equally at home in the most unpretentious as well as the most elaborate garden; but the widening tendency to depart from the formal gardening in vogue during the past few years in favor of the free or natural style leads us to call particular attention to these, there being no more fitting plants for this purpose in the floral kingdom. Our collection is made up of such sorts as have been carefully selected from the large number of varieties we grow, and we can confidently recommend them as being unequaled in diversity of color, perfection of form and freedom of bloom.

Twelve Grand Double Dahlias.

Camelliaflora. (See cut and description.) Emperor. Large deep crimson, variegated with pure white.

Electric. A dazzling crimson scarlet of the Cactus type.

Floral Beauty. Large perfectly shaped flowers of a rich salmon-pink shade.

James Walton. Deep maroon, large, splendid flowers.

Memorandum. A distinct shade of light pink.

Meteor. Brilliant deep red; perfect form.

Mercedes. A grand variety, silvery white at the base of the petals, gradually merging into a rosy lilac.

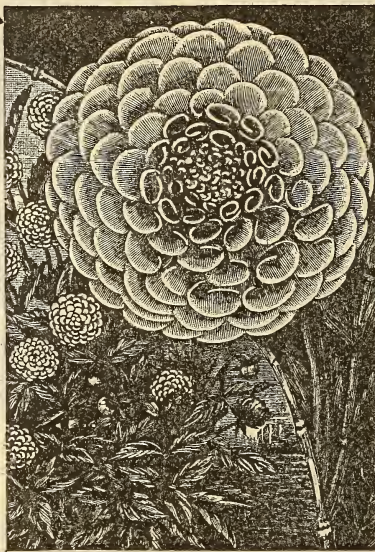
Mrs. Wilson. Deep, brassy yellow, each petal tipped light bronze.

Maroon Beauty. Purplish maroon.

Sunset. Deep bronzy red, shading to rich golden yellow at the base of the petals.

Vesuvius. Light, dazzling scarlet.

Price, 25 cts. each, set of Twelve Grand Dahlias for \$2.25



"CAMELLIAFLORA."

In the variety shown in the engraving above, we offer the finest Dahlia of its color as yet introduced. Not only is it among the best for the garden, but when grown in large pots it may be had in flower during fall and winter in the conservatory or window garden. The plants grow to a uniform height of about two and a half feet, and are literally covered with its pure snow-white flowers during the entire season. (See cut.) Price, 25 cts. each, \$3.00 per doz.

LARGE DOUBLE DAHLIAS.

GENERAL COLLECTION.

Boabdil. Large blood red.

Mrs. Burgess. Purplish maroon.

Dandy. White speckled carmine. **Flora.** Bright magenta pink. **Hector.** Cherry red. **Lafare.** Brilliant scarlet. **Martha.** Orange tipped scarlet. **Orlola.** Rich golden yellow. **Ovid.** Rich royal purple. **Topsy.** Light, yellow-tinted lilac. **Ethel.** Dark, lustrous carmine. **Vesta.** Pure white; very fine.

5 cts. each; set 12 for \$1.50.

SINGLE * DAHLIAS.

The flowers vary from 3 to 5 inches across, composed of eight petals, and are borne on long graceful stems in the greatest profusion. (See cut.)

Butterfly. A beautiful shade of pink. **Ballot.** Deep carmine, large and showy. **Crichton.** A rich shade of velvety maroon. **Corsage.** Intensely bright scarlet. **Mandolina.** Brilliant, rich red, very fine. **Cynthia.** Bronzy salmon, a distinct variety. **Moonstone.** Large, light canary yellow. **Mulberry.** Deep, reddish violet. **Old Gold.** A rich shade of golden yellow. **Picta Formosissima.** Striped red and white. **Vicarage.** Brilliant vermilion, large and showy. **White Queen.** Pure white, a splendid variety. Price, 15 cts. each; set of 12 Beautiful Single Dahlias for \$1.50.

SPECIAL OFFER.—The unrivaled collection of 54 Dahlias named above, for \$7.00.

TWELVE BEST DOUBLE DWARF DAHLIAS.

These differ from the Large varieties in being more dwarf in growth, with smaller flowers and added profusion of bloom.

Amorette. Deep crimson

Black Dwarf. Maroon.

Ben Butler. Crimson maroon.

Bredowillard. Golden yellow.

Dr. Stein. Crimson and pink.

Exquisite. Orange, scarlet edge.

Little Valentine. Rich scarlet.

Golden Bedder. Golden yellow.

Mary Scarlet.

Laura. Magenta pink.

German Boy. Salmon red

Snowflake. Pure white.

15 cts. each; set 12, \$1.50.

For newest varieties of Dahlias see page 122.

Splendid "Cactus" Dahlias.

The title of "Cactus" was applied to the first of these "Juarazil" in recognition of the brilliant scarlet color and unique form of its flowers. Since its introduction this class has been wonderfully improved, and the collection we offer contains the finest varieties of this splendid type.

A. W. Tait. Pure white, very double; the tips of the petals deeply toothed or fringed.

Cochinal. Richest crimson scarlet, toned with a brownish shade.

Glare of the Garden. Intense scarlet; very free flowering; a grand variety.

Lyndhurst. Dark, dazzling crimson scarlet; a showy and useful variety.

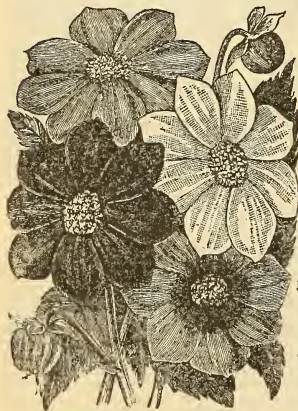
Mrs. Hawkins. Rich sulphur yellow, shading to light canary toward tips;

a beautiful variety, one of the most interesting in this fine class.

Wm. Pearce. Rich, sulphur yellow.

Price, 25 cts. each; set of six splendid Cactus Dahlias, \$1.25.

Please refer to page 122 for new "Tom Thumb" Dahlias.



SINGLE DAHLIAS.



SINGLE FUCHSIAS.



FUCHSIA, MRS. E. G. HILL

Annie Earle. Carmine corolla; waxy white sepals.
 Benjamin Pearson. Crimson and purple corolla; sepals rosy red.
 Black Prince. Tube and sepals waxy carmine.
 Beacon. Corolla a deep carmine; sepals scarlet.
 Brilliant. Corolla carmine; sepals white.
 Electra. White corolla, scarlet sepals.
 Loveliness. Crimson corolla; sepals white.
 Lord Macaulay. Very dark purple corolla; bright red sepals.

Lord Lyons. Prune-colored corolla; crimson sepals.
 Mrs. Geo. Rundle. Deep orange corolla; extra large flower.
 Mrs. Marshall. Corolla carmine; sepals white.
 Nellie. Flesh-colored corolla; shaded mauve; creamy white sepals.
 Surprise. Pale magenta corolla; dark border; waxy white sepals.
 Speciosa. Corolla orange scarlet; sepals white.
 Wave of Life. Violet corolla; crimson sepals.

Price, 10 cts. each; set of 15 Single Fuchsias for \$1.25.

DOUBLE FUCHSIAS.

MRS. E. G. HILL. Flowers very large and freely produced; corolla pure white and double; sepals dark red. A fine variety. (See cut.) Price, 20c. each.
 Count Leon Tolstol. Bluish black corolla; dark scarlet sepals.
 Edmund About. Corolla white, tinted rose; vermilion sepals.
 Elm City. Purple corolla; scarlet sepals.

Genius. Reddish purple corolla; bronzy yellow foliage.
 Jos. Rosain. Double; dark plum color.
 Madame Van der Strass. Double; white corolla; crimson sepals; a fine variety.
 Phenomenal. Deep plum color; full and double; largest size, 20 cts. each.
 Rosains Patrie. White corolla; rosy carmine sepals; double.
 Snow Fairy. White corolla; crimson sepals.
 Storm King. Corolla pure white; very free.
 Striped Banner. Deep maroon corolla; striped crimson.
 Price, 10 cts. each; set of 15 best Double Fuchsias, \$1.00.

SPECIAL OFFER.—Complete collection of 27 Fuchsias for \$2.00.



FARFUGIUM GRANDE

FARFUGIUM (Ligularia) GRANDE.

A very ornamental plant, with broad, shiny, dark green foliage, which is irregularly blotched with bright yellow and occasionally with white and rose. As a border plant it has few equals; it is not entirely hardy in the Northern States, and so should be taken into the house in the winter. 30c. each, \$3.00 per doz.

ERYTHRINA HENDERSONII.

New Coral Plant. If set out in the open ground in spring, this plant blooms without intermission all summer. The flowers are large and brilliant, dark crimson in color, and fairly cover the plant when in full bloom. 20 cts. each, 6 for \$1.00.

FEVERFEW (Dwarf).

Little Gem. This variety, which we first sent out, is very dwarf, attaining a height only from twelve to eighteen inches. The flowers are large, of perfect form, and of the purest white. 20 cts. each, \$2.00 per doz.

*** HOUSE + FERNS ***

Our collection contains the choicest of the "Malden-hair" varieties, and best basket and vase sorts. 30 cts. each; set of 12 sorts for \$3.00.

"THE SILK OAK" (Grevillea Robusta).

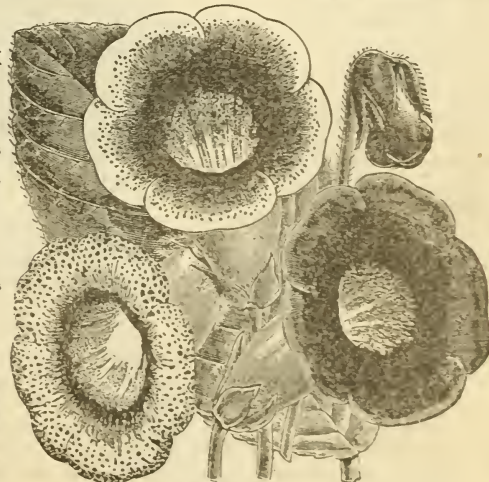
A magnificent plant for decorative purposes of rapid, easy growth, finely cut foliage, rivaling a rare Fern. The young growing leaves are a light bronze color, the tips being covered with a soft down, closely resembling raw silk, hence the name of "Silk Oak." In its native place it attains magnificent proportions and produces an abundance of bright orange-colored flowers. Price, fine plants, 75c. each.

GENISTA RACEMOSUS.

This plant, although not new, has become very fashionable in New York. Few plants are more deserving of popular esteem. The flowers are pure golden yellow, and literally cover the plant when well grown. Price, 30 cts. each, \$3.00 per dozen. Large plants, 75 cts. each.

*** New Hybrid Gloxinias ***

The handsomest of our summer blooming plants, the rich and varied coloring of the flowers being beautiful in the extreme, many of them beautifully speckled; flowers three inches long by two inches in diameter; upright, and pendulous; colors crimson, violet, rose, scarlet, white, etc. They attain the greatest perfection if grown in light, rich soil in a shady, well-ventilated frame. After they are done growing, they may be kept in a warm, dry cellar, or under the stage of a greenhouse. (See cut.) Price, mixed colors only, 30 cts. each, \$3.00 per doz.



NEW HYBRID GLOXINIAS

NEW DOUBLE GERANIUMS.

The collection named below was selected from the many we had on trial the past season, and may be depended on to give satisfaction.

- M. Jovis.** Bright salmon, edged flesh pink. Saint Regamonte. Deep rosy carmine. Bonnat. A grand deep rosy pink.
Mme. A. de Chevaliere. Pure white, very free
Jean Bouchet. Bright, clear pink.
Baron de Scheinitz. Light salmon.
De Lacepede. Beautiful light pink.
M. Caro. Soft pleasing shade of lilac pink.
C. Galy. Deep violet rose, very fine.
Ruy Blas. Very deep, rich, bright salmon.
Les Euguenots. Attractive shade of lavender pink.
La Victoire A grand white variety for bedding.
Mme. Thibaud. Deep satin rose.
Dr. Audiguier. Rich salmon color.
Mons. P. Olmber. Rich vermilion scarlet.
Mrs. E. G. Hill. A charming variety, soft rosy salmon, in the centre bordered with light salmon.
Toy Eiffel. Bright orange scarlet, a grand bedding variety.
Silver Queen. Clear pearly white, a splendid bedding variety.
 Price, 20c. each; set of 18 fine new varieties for \$3.00.

NEW SINGLE GERANIUMS.

- Beauty of Ramsgate.** Deep-set shade of crimson.
Mrs. Brown. Brilliant rosy pink.
Mrs. Wildsmith. Rich clear rose.
Mme. de Reydellet. Beautiful rich salmon, extra large truss and flower.
M. Poirer. Rich violet carmine.
Copernic. Soft rosy pink, shading to carmine, white centre.
Athlete. Deep glowing scarlet; probably the finest in its color.
Mlle. E. Callelet. A splendid shade of rosy pink, large white centre.
Mme. Legros Lacaille. Bright orange scarlet, a unique and attractive color.
Trophee. Light lavender pink, very large flower and truss.
Panache de Nancy. Light orange scarlet, striped white, a very distinct variety.
M. Andreufoj. A grand scarlet sort, excellent for pots or bedding.
Glory of Lyons. One of the grandest varieties in our list, single florets over two inches across, color rich crimson scarlet.
Champion. Another mammoth flowered variety like the above, coral carmine crimson.
Ernst Burgman. Intense scarlet, grand for bedding.
Marguerite Lyster. Pure snow white, the best in its color.
Blazing Star. As indicated in the name, this is a brilliant scarlet.
Mlle. Straub. Very fine salmon-colored blossoms, large truss.
Coquette. Bright cherry pink, a very pretty and attractive color.
Souvenir de Mirande (See cut and special description.)
 Price, 20c. each; set of 20 new single varieties for \$3.50.

SCENTED GERANIUMS.

10c. each; set of 13 sorts, \$1.25.

"SOUVENIR DE MIRANDE."

This grand Geranium is an entirely new type. The upper petals are crystal white, margined with rosy carmine, which shades to a peach-blossom pink. The lower petals are a deep coral color, with a blotch of pure white in the centre. This gradually merges into the coral, producing again the peach-blossom pink, as on the upper petals, the whole forming a charming combination, so unique as to compel admiration at first sight. (See cut.)

Price, 20c. each, \$2.00 per dozen.



DOUBLE IVY-LEAVED GERANIUMS.

- These are the grandest of all house plants, or for baskets or vases in the open air. They can be trained in one season on a trellis from two to six feet high and wide, and can be grown to droop as desired, being covered from January to October with a profusion of large trusses of double flowers.
Joan of Arc. The flowers are perfectly double, white as snow, and literally cover the plant when in full bloom.
La Rosiere. Immense trusses of large well-formed flowers of a rich, salmon pink color.
M. de Lesseps. A beautiful magenta rose.
Abel Carriere. Currant red.
De Brazza. Rosy salmon.
Horace Choisel. Glowing salmon pink.
Mme. Thibaut. Very rich, deep rose.
La Printemps. Clear salmon.
Egen Marchi. Beautiful salmon pink.
 20c. each; set of 9 for \$1.50.

Gold, Silver and Bronze Geraniums. These Geraniums make beautiful pot plants; should be planted out in partial shade.
 20c. each, \$2.00 per dozen.

STANDARD SORTS

DOUBLE GERANIUMS.

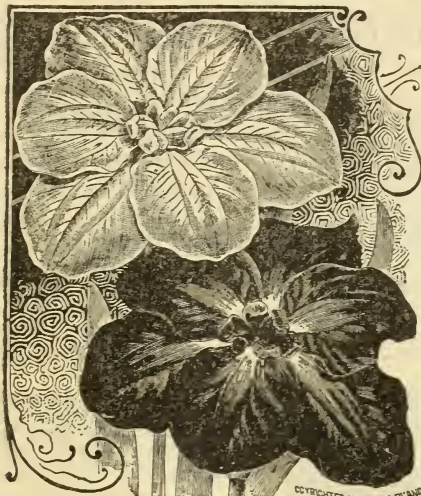
- Beaute Poitevine.** Very large semi-double flowers borne in immense trusses, brilliant salmon.
Catulle Mendes. Florets very large, purplish rose, upper petals marked with white.
Gerome. Immense sized trusses, flowers double, dark violet rose of a beautiful tint.
Blanc Parfait. Snow white.
Double Gen. Grant. Brilliant scarlet.
Golden Dawn. Brilliant orange scarlet.
Gustave Wideman. Rich deep salmon.
Gloire de France. Bright salmon.
M. Hardy. Very light pink.
Naomi. Dark pink; fine bedder.
Peter Henderson. Vivid scarlet.
White Swan. Pure white.
Pres. Dutally. Very dark amaranth, bordered with maroon; upper petals marked with purple.
Le Cid. This magnificent variety is brilliant crimson red; undoubtedly the finest of its color.
Centaur. Brilliant rose; enormous truss and florets.
Md Dupont. Rosette formed flowers, deep scarlet.
President Carnot. Semi-double florets, color brilliant deep scarlet.
La Favorite. Pure white.
Bruantil. Deep scarlet.
Grand Chancellor. Deep crimson.
 Price, 10c. each; set of 20 standard sorts for \$2.00.

STANDARD SORTS

Single Geraniums

- Queen of the Belgians.** Pure white; fine for bedding.
Henry Martin. Cherry red.
Romeo. Delicate bluish pink.
Beacon. Brilliant scarlet.
Maizeppa. Rich cherry red.
Arc-en-ciel. Rich violet crimson.
Miss Wakefield. Bright pink, one of the best for bedding purposes.
Queen of the West. Rich scarlet, dwarf compact habit, fine bedder.
Jules Ferry. Deep brilliant carmine crimson, trusses and florets of enormous size.
Alphonse Daudet. One of the grandest varieties ever offered, coral glowing salmon, large trusses and splendid habit.
Richesse. Bright salmon and clear white.
Apple Blossom. Pearly white suffused with delicate rose, a dainty color.
Lillian Smith. Bright red, dwarf compact habit, fine bedder.
Md. la Countess de Pot. Salmon-flesh coral bordered with white, a fine bedding variety.
Master Christine. Bright deep pink.
New Life. Striped scarlet and white.
Pauline Lucca. Pure white.
Pliny. Bright carmine.
Queen Olga. Cerise pink.
Richard Dean. Very bright scarlet.
Gen. Grant. The finest scarlet bedder.
Beauty. Salmon and white.
 10c. each; set of 22 for \$2.00.

HARDY HERBACEOUS PLANTS—Continued.



JAPAN IRIS (KEMPFERL)

REPRODUCED BY A. B. L. L. L.

Iris Germanica (Fleur-de-Lis). A very showy species, containing a great variety of colors. Excellent garden plants, 30 cts. each, \$2.00 per doz.
JAPANESE IRIS (Kempferl). The cut gives only a faint idea of the beauty of form and wonderful coloring of this grand species. Robust growing, flowering in midsummer, varying in shades of white, maroon, deep blue, yellow, carmine and violet, beautifully veined and mottled. (See cut.) Price, 30 cts. each, \$3.00 per doz.
Lobelia Cardinalis. Bright scarlet flowers. August and September.
Lychnis Chalcedonica. Bright scarlet, excellent for cutting.
Lychnis Diurna flore plena. Bright scarlet double flowers. 40 cts.
Monarda Didyma. A sweet-scented herb with crimson flower heads.
Myosotis (Forget-me-not). The best blue variety.
Oenothera Frazerii. Low growing; large golden yellow flowers. 30 cts.
Phlox Amoena. Unsurpassed for spring bedding, the foliage being entirely hidden under the profusion of bright pink bloom.
Phlox Subulata (Moss Pink). A low growing species, making an excellent spring bedder and splendid rock plant. We offer pink and white
Platycodon Grandiflorum. Blue and white flowers.
Plumbago Larpentae. Low growing, Prussian blue flowers.
Polemonium Reptans. A dwarf species, forming tufts of fine foliage, covered in early spring with showy blue flowers.
Pyrethrum Uliginosum. A grand plant for fall cutting, growing 4 feet high, and covered with a profusion of large white flowers. Fall. 35 cts.
Rudbeckia Speciosa. A fine plant for cutting or massing. Flowers with orange-colored rays, and a black disk. Height, 2 to 3 feet.
Spiraea Umbrosa. A low-growing plant, producing fine spikes of white flowers; very ornamental. 30 cts.
Sweet William. In mixed colors only. 10 cts.
TRITOMA McOWENII. Spikes a foot in length and three inches in diameter, of the brightest shades of orange and scarlet. Unlike the old variety, this is very dwarf, and blooms all summer, small plants being one mass of bloom.

Hardy Herbaceous Plants,

For Permanent Planting in Open Borders, Cemetery Plots, etc.

This class of plants is fast attaining popularity, and to meet the growing demand we offer this choice selection of sorts, which contains only such as exhibit the greatest contrast of color with profusion of bloom. All the plants offered are in fine condition.

Achillea, "The Pearl." The flowers, which are borne upon erect foot-stalks, are of the finest white, and closely resemble a Pompon Chrysanthemum. Flowers nearly the whole season. 25 cts.

Achillea Tomentosa. Flower heads flat, of an unusually good yellow, remaining a long time in perfection. Excellent for spring and summer cutting.

Anemone Pennsylvanica. Flowers pure white on long slender foot-stalks, produced in great profusion in early summer. A very bright plant in borders.

Anemone Japonica. One of the most valuable fall-flowering perennials: flowers on long slender stems. *Rose and White*

Aquilegia Chrysantha. A pretty yellow flowering Columbine

Armeria (Sea Pink). Beautiful dark pink flowers, blooming from May to July

Astilbe Japonica. White; plume-like spikes of flowers; blooming in June

Asclepias Tuberosa. Flower heads a fine orange, lasting in perfection a long time August.

Campanula Persicifolia Alba Plena. A very beautiful variety with bell-shaped, double white flowers of lasting quality when cut. 30 cts. July to September

COREOPSIS LANCEOLATA. This is without doubt one of the finest hardy perennials. Yellow flowers June until frost

Digitalis Gloxinoides Alba. A pure white Foxglove; very pretty 40 cts

Dicentra Spectabilis (Bleeding Heart) One of the first spring-flowering plants

English Daisies. White, pink and red Spring and summer 10 cts

Funkia Undulata Variegata. A very fine border plant with wavy foliage.

Funkia Undulata. Useful for edging borders of hardy plants

GAILLARDIA GRANDIFLORA. Crimson and orange flowers. Blooms all summer and fall. One of the grandest of all hardy plants

HELLIANTHUS MULTIFLORUS. Dark, golden yellow color; grows from 3 to 5 feet in height; never fails to flower the first season of planting. (See cut)

25 cts. each, 5 for \$1.00

Helianthus Soleil d'Or. The flowers are larger than the above and are quilled like the finest double Dahlias. 40 cts. each, \$4.00 per doz.

Helianthus Maximilianii. A large growing, very free-flowering species, remaining in bloom till late autumn. Valuable for cut flowers. 40 cts.

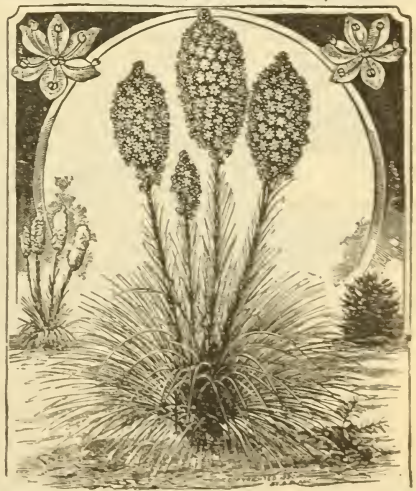
Hemerocallis Flava. Orange yellow flowers. Very sweet-scented June



HELLIANTHUS MULTIFLORUS

XEROPHYLLUM ASPHODELOIDES (The "Turkey's Beard"). An odd-looking plant with grass-like leaves, 15 inches long, which are evergreen. It grows in clumps from which rise from 1 to 5 flower stems 3 feet high, each bearing a compact head of showy white flowers. (See cut.) 25 cts. each, \$2.25 per doz. Price for any of the above, 20 cents each, except where specially priced.
Vinca Minor Alba (Creeping Myrtle) Very hardy, will grow in shade, and splendid for cemeteries. Large clumps, 50 cts. each.
Vinca Minor Cerulea. Similar to the above, but the flowers are blue. Large clumps, 50 cts. each.
Special Offer — Full set of 40 Hardy Herbaceous plants for \$9.00.

The plants you sent me in February of this year all arrived in good condition and seem to be doing well. I am looking forward with pleasant anticipation to the time when the first flowers appear — ELLIOTT L. REIMSCHNEIDER, Honolulu, Hawaii, May 17, 1901



TURKEY'S BEARD

HYDRANGEAS.

Acuminata. Deep pink flowers; stems deep brown, almost black. 20c. and 75c. each.

Japonica. Rosy lilac flowers, changing to light blue. 20c. and 75c. each.

Otaksa. Rosy carmine flowers. It has the rare quality of blooming when very small, plants 6 inches high being frequently covered with flowers. Price, 25c., 50c. and \$1.00 each, according to size.

Thos. Hogg. A pure white variety, perfectly hardy, and is one of the finest plants for cemeteries. Price, \$1.00 each, large plants only.

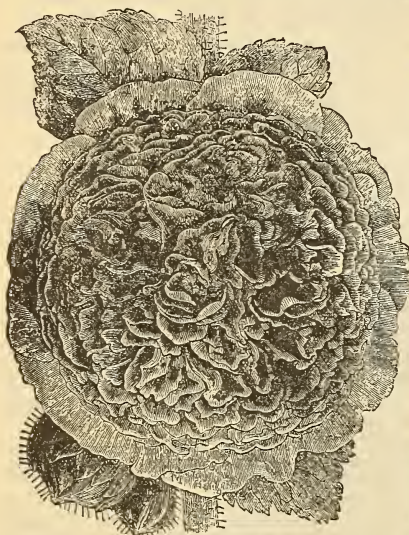
Hortensia. The old favorite variety; pink flowers, changing to blue in soils containing iron. 20c., 40c. and 75c. each.

Rosea. Equal to Thos. Hogg in freedom of growth and flowering qualities. Flowers large, and are a rich, rosy red. 25c., 50c. and \$1.00 each.

White Fringed Hydrangea. The flowers are of the purest white, fringed, having a crimson spot in the centre. Plants attain a diameter and height of from three to four feet. Price, \$1.00, 50c. and 20c. each, according to size.

Double Pink Hydrangea. The flowers are double and similar in appearance to a Polyantha Rose, and when in bloom is covered with its rosy red double blossoms. This is one of the most distinct and useful plants ever introduced, and should be in every collection. Equally hardy as the other sorts. Price, 75c. ea.

SPECIAL OFFER.—Set of 8 fine Hydrangeas, in small plants, \$1.50; large plants, \$6.00.



DOUBLE HOLLYHOCK.

DOUBLE HOLLYHOCKS.

Hollyhocks are among the finest permanent garden plants, as being entirely hardy in most places and free growing, they make a great display with little or no care. Our collection contains all the colors named, but as they are grown from seed an occasional departure from these shades may be expected. For the same reason a small percentage may be single or semi-double. We offer them in the following shades, which are the leading colors grown: Double white, double yellow, double lavender, double pink, double crimson, double purple and double maroon. Price for the above varieties, 20c. each, \$2.00 per dozen.

* HARDY · MOON · FLOWER. *

Ipomoea Pandurata. This splendid hardy climbing plant will grow rapidly, covering up a great amount of space in one season, and will live in the ground over winter in our Northern latitude. The foliage is large and handsome, giving a dense shade. The flowers are truly magnificent, measuring from 3½ to 6 inches across, pure white shading to pink and purple in the throat. Unlike the tender Moon Flower, which we had the pleasure of first bringing prominently before the public, this species opens its flowers during the day-time and remains open all day, which makes it doubly valuable. Strong Northern grown roots. (See cut.) Price, 30c. each, \$3.00 per dozen.

* THE · MOON · FLOWER. *

Ipomoea (or Calonyction) Grandiflora.

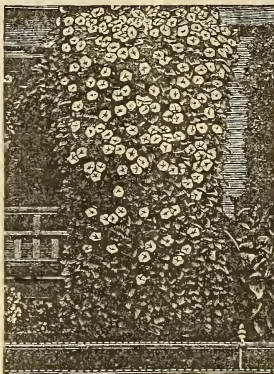
If planted out in rich ground about May 15th, in a situation where it has full exposure to the sun, this plant will attain a height of 40 feet by October 15th, blooming abundantly the entire season. It is called "Moon Flower" from its rare peculiarity of blooming best at night, although it also expands its flowers in dull days; the flowers are of pure white, from 5 to 6 inches in diameter, emitting a rich, Jessamine-like odor at night. 15c. each, \$1.50 per dozen.

* MANETTIA · VINE. *

Manettia Bicolor. A very pretty, rapid growing, twining plant, producing tubular flowers from one to two inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow. The contrast with the vivid green, glossy foliage is startling, making the plant an object of rare beauty. It will grow and bloom in any ordinary soil, and given strings or wires to cling to it will attain to a height of from 6 to 10 feet in one season. As a pot plant it is unrivaled, when trained in a wooden stake or pot trellis in the manner shown in the cut. (See cut.) Price, 15c. each, \$1.50 per dozen.

HIBISCUS (CHINESE).

These are largely used in the public grounds at Washington and other places for bedding purposes, and of late years have attracted a great deal of attention; they are almost continually in bloom. Price, 20c. each; set of 12 sorts for \$2.00.



HARDY MOON FLOWER.

HELIOTROPES—in Variety.

Indispensable for bouquets and vases of flowers; their rich tints of lavender, blue and purple, and exquisite vanilla perfume, are familiar to all. 10c. each, \$1.00 per dozen.

* LANTANAS. *

We have few continuous blooming plants that afford a greater variety of colors than the Lantana. Twelve distinct varieties. Colors, orange, crimson, yellow, lilac, rose, white, etc. 10c. each, \$1.00 per doz.; set of 12 for \$1.00.

BLUE DAWN FLOWER.

(Ipomoea Learii.)

This makes a splendid companion to plant with the white "Moon Flower." The flowers are the most intense violet blue, with reddish purple rays, and are six inches across. There is nothing of its color that exceeds in richness the flowers of Ipomoea Learii. 15c. each, \$1.50 per dozen.



MANETTIA VINE

PANDANUS UTILIS.

For majesty of form and gracefully arranged foliage this is without a peer, while its vigorous constitution enables it to stand more neglect, without serious injury, than almost any other plant we know of. As an ornament for the window it's glossy dark green serrated foliage renders it unusually attractive, while as a vase plant or single specimen in greenhouse or conservatory it cannot be surpassed. It is also largely used to decorate the halls in our finest private residences, and shows grandly on the lawn when grown to a sufficient size. (See cut.)

Price, 1st size, 1½ to 2 feet high, \$2.50 each. 2d size, 12 to 15 inches high, 75 cts. each. 3d size, 6 to 10 inches high, 30 cts. each.



PANDANUS UTILIS.

ARECA LUTESCENS.

This majestic Palm is without a peer for strength and elegance combined. Its dark glossy green leaves are gracefully curved on slender stems, and the entire foliage is gracefully disposed. The trunk and stems are a golden yellow, irregularly spotted with bronzy green, giving it a peculiar charm. (See cut.)

Price, specimen plants, \$5.00 each; strong plants, 2½ feet high, \$3.00 each; strong plants, 1½ feet high, \$1.00 each; small plants, 30c. each.

Cocos Weddelliana. This beautiful Palm is unquestionably the most elegant and graceful in cultivation. It is admirably adapted for the centres of jardinières and Fern dishes, as it retains its freshness for a long time, while for dinner-table decoration it is unexcelled, and should be in every collection. Price, 50 cts. and \$1.00 each.

KENTIA BELMOREANA.

This is sometimes called the "Curly Palm," and is recognized as among the best for all purposes, being capable of standing more ill usage perhaps than any other. The leaves have a tendency to curl as the plants grow older, hence its popular title of "Curly Palm."

Price, specimen plants, 3 feet high, \$5.00 each; strong plants, 2 feet high, \$3.00 each; strong plants, 18 inches high, \$1.50 each. Small plants, 50 cts. each.

Kentia Fosteriana. This variety is one of the best of its class, graceful habit, bright green foliage, gracefully disposed; as a decorative plant for the window, dinner-table or conservatory it scarcely has an equal. Price, specimen plants, 3 feet high, \$5.00 each; strong plants, 2 feet high, \$3.00 each; strong plants, 18 inches high, \$1.50 each. Small plants, 50 cts. each.

Phoenix Reclinata. A fine large-growing species, of very rapid growth; very hardy. Stands any amount of hard usage. Fine vase palm. \$2.00 each.

Phoenix Rupicola. This is one of the most exquisitely graceful among the smaller palms. Its wide-spreading, gracefully arching, fern-like leaves are elegant and effective for apartment decoration. Price, specimen plants, 3 feet high, \$6.00 each; fine plants, 1½ feet high, \$3.00 each.

Seaforthia Elegans. Invaluable on account of its rapid growth and gracefully arched foliage. Price, plants from 5-inch pots, 20 to 24 inches high, \$1.50; plants from 3-inch pots, 50c. ea.

RUBBER PLANTS. We have a splendid stock of this useful and ornamental plant, which will flourish under the most adverse conditions. Price, \$1.00 each, 12 to 15 inches high. Fine plants, 3 feet high, well colored, \$3.00 each.



ARECA LUTESCENS.

Caryota Urens. "Fish Tail Palm or Wine Palm." A noble variety. The leaflets are shaped like the tail of a fish. Splendid when large for sub-tropical gardening. Excellent when young for table decoration. Price, \$1.00 each.

Cycas Revoluta. The well-known "Sago Palm." Long, graceful, fern-like leaves, deep green. Price, \$1.50 each, young plants in leaf.

Arca Verschaffeltii. This is one of the most attractive sorts in our list. The foliage is strong and gracefully arched, the leaflets alternating on either side of the stem, the midrib in each being a creamy white, while the stems are a deep golden yellow, which adds a peculiar charm to it. Its strength renders it less liable to damage than almost any other.

Price, plants 2 to 2½ feet high, \$2.00 each.

LATANIA BORBONICA.

This is the typical Palm, and is more largely used than any other. Its strong, healthy habit commends it to all, and gives it a fitness for window and room culture not possessed in the same degree perhaps by any other. (See cut.)

Price, \$5.00, \$3.00, \$2.00, \$1.00, 50c, or 30c. each, according to size.

SPECIAL OFFER.—Full collection of 13 Palms and decorative plants, medium size, \$20.00.



LATANIA BORBONICA.

Dracena Indivisa. Of all the plants in use for centres of vases, baskets, or for beds in the open ground, nothing is so valuable as this. From its graceful, drooping habit it is sometimes called the "Fountain Plant." Price, 25c., 50c., 75c., \$1.00, \$1.50 and \$2.00 each, according to size.

Dracena Terminalis. A beautiful decorative plant; gorgeous shades of crimson, bronzy green and pink on the foliage. Price, 25c., 50c. and \$1.00 each.

Dracena Braziliensis. A very ornamental variety; large glossy green leaves. Price, 1st size, 12 to 15 in., \$1.00 each; 2d size, 8 to 10 in., 50c. each.

Dracena Fragrans. One of the finest of our ornamental-leaved plants; deep green, broad, gracefully-drooping leaves. Price, plants 20 inches high, \$2.00 each.

Pandanus Veitchii. (Variegated Screw Pine.) This is a grand decorative plant. Its beautiful form, with vivid green and creamy white variegation, added to its vigorous growth, makes it indispensable in every collection. Price, \$2.00 to \$5.00 each, according to size.



KENTIA BELMOREANA.



SOLANUM J. GRANDIFLORUM

«DOUBLE PETUNIAS.»

The varieties named below have been selected from thousands of plants we had on trial this season. The Double Petunias are easily cultivated and will thrive in any ordinarily rich garden. They should be staked up for protection from violent summer storms.

- Champion.** Deep violet crimson and silvery white.
Gondola. Pure white, blotched with carmine.
Beauty. Flesh white, suffused with rosy pink.
Harper. Color, light claret, white ground.
Advance. Rich wine color, margined with bluish white.
Donation. Rosy carmine, white at the edges.
Ingomar. Clear pearly white, blotched with deep magenta.
Epoch. Carmine, veined and splashed with white.
Fortune. Pure frilly white, the inner petals prettily marked with deep lavender.
Kingdom. Rich violet maroon.
Juvenal. Rosy pink, margined with snow-white.
Larchmont. Blush white, dotted with wine-colored spots of variable size and shape.
 Price, 20 cts. each; set of 12 Double Petunias for \$2.00.

Solanum Jasminoides Grandiflorum.

A beautiful plant of climbing habit, attaining a height of 3 to 5 feet, but can be grown in bush form. Its flowers are star shaped, and borne in clusters often a foot across, pure white with a violet tinge on back of petals, and on the buds. In pots it is a continuous bloomer, both summer and winter; but its greatest value is for outdoor culture; trained against a wall or trellis, and covered with magnificent clusters of flowers, its beauty cannot be surpassed. Strong plants, 20 cts. each, 4 for 75 cts., 6 for \$1.00.

TREE PÆONIAS.

These differ from the above in manner of growth—the former coming from the ground each season, while these form grand shrubs growing 3 to 5 feet high. Price, \$2.00 each, strong flowering plants.

HARDY : PINKS.

We offer a general assortment of Hardy Pinks, embracing white, pink, crimson, etc. 15 cts. each, \$1.50 per doz.

Seedling Petunias.

We offer plants grown from seed of our own saving, which has been hybridized by hand, using only the most perfect flowers, thus ensuring a choice strain of the most beautiful kinds.

Double, 15 cts. each, \$1.50 per doz.
 Single, 10 " " 1.00

Primrose Ice King.

A hardy plant of the Poppy family, remarkable for its profusion of bloom, extreme hardihood and large, white fragrant flowers. It is a native of Montana, and fitted by nature to withstand the trying climate of that region. It forms a dense tuft about 6 inches high; the foliage is a light green and fantastically cut and fringed, making it very ornamental even when not in bloom; this, however, is very seldom, as from early spring until late autumn it is rarely without clusters of its great white flowers which are from 4 to 6 inches across, springing from the centre of the plant in an upright position. Its extreme hardiness and grand flowers make it one of the most valuable plants for the hardy border or for cemetery plots.

Price, 30 cts. each, \$3.00 per doz.

«VIOLETS.»

Marte Louise. The well-known double purple variety. Its exquisite fragrance and beautiful color make it always in demand. Price, small plants, 10 cts. each, \$1.00 per doz.; clumps, 30 cts. each, \$3.00 per doz.

Swanley White. Same as preceding, but pure white. Price, small plants, 10 cts. each, \$1.00 per doz.

→→ PASSIFLORAS. ←←

(PASSION FLOWER.)

John Spalding. A beautiful variety, foliage prettily marked with bright golden yellow; as an ornamental drooping plant for baskets or vases it is unsurpassed.

Arco-en-ciel. Citron-colored centre, outer circle dark blue, very fragrant.

Constance Elliott. Beautiful variety, flowers 3 to 4 inches in diameter and pure ivory white, deliciously fragrant.

Cerulea. Similar to the preceding, but a beautiful blue.

Pfordtil. A beautiful purple variety, the best of its color

Pfordtil, Variegated. Similar to the above in flower; foliage variegated golden yellow.

15 cts. each, \$1.50 per doz.; set of 6 Passifloras for 75 cts.

* PANSIES.*

Henderson's Superb Strain.

Grown from selected seed and offered as unequalled for size, form and color. Pansies are now largely used for bedding purposes, vases, etc., and these grand varieties will greatly increase their popularity. Price, 10 cts. each, 75 cts. per doz.

HARDY HERBACEOUS PHLOXES.

Most valuable hardy plants for partially shaded borders or shrubbery; there are numerous varieties. Those offered will be found to comprise all the desirable shades.

The Pearl. This is one of the finest of this class. Pure snow white, a most profuse bloomer, and of dwarf, compact growth; one of the finest plants for rockeries. Price, 15 cts. each, \$1.50 per doz.

In addition to this variety, we can offer a set of 12 distinct sorts for 15 cts. each, or \$1.50 per set.

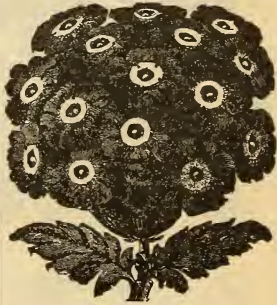
* HERBACEOUS PÆONIAS *

Magnificent hardy plants, almost rivaling the Rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flower and foliage. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established. We offer *Red*, *White*, *Rose* and *Crimson*. Price, 50 cts. each, for strong flowering roots.

MAMMOTH VERBENAS.

Verbenas are now and, have for years been one of our leading specialties. We carefully selected and improved our stock of the Mammoth Verbenas since we introduced them. Many kinds in richness of color and large white centre resemble *Auricularia*. (See cut.)

- E. of Oxford.** Deep pink.
Jubilee. Intense scarlet.
Maltese. Sky blue.
Ideal. Deep violet.
Emily. Reddish carmine.
May Queen. Brilliant carmine.
Garnet. Deep crimson.
Marvel. Dark maroon.
Prodigy. Soft carmine.
Purity. Pure white.
Radiant. Glowing red.
Summit. Rich purple.
Sapphire. Magenta.
Zebra. White and crimson.
 Price, 10 cts. each; set of 14 for \$1.25.



MAMMOTH VERBENA.

PLEASE SEE THE
HARDY CHINESE +
 + **MATRIMONY VINE,**
 +
 Shown on COLORED PLATE
 and described on page 110.



AMPELOPSIS ROYLEI.

AMPELOPSIS VEITCHII.

Sometimes called "Boston Ivy" and "Japan Ivy."

No picture can portray the beauty of this grand climbing plant. As an important aid to architectural beauty it is rapidly attaining prominence, being now a feature on the finest houses—notably the palatial residence corner of 57th Street and Fifth Avenue, New York City. Another fine example of it is seen on Grace Church—in New York, while on Commonwealth Avenue, and throughout the fashionable "Back Way" district in Boston, there are hundreds of the finest houses covered with it from foundation to roof. It is adapted to all situations, and transforms the humblest cottage. It is entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves lapping over each other like slate on a roof effectually prevents rain from penetrating the walls. For covering dead trees, gate posts, boundary walls, verandas, etc., it has no equal, while its rapid growth and tenacious clinging qualities make it a most desirable plant for staying up terraces. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of *scarlet crimson* and *orange*, so dazzling as to be seen at a great distance.

We sold over 50,000 plants of this and *A. Roylei* the past season, a large proportion of which were used on churches and public buildings.

	PRICES:	
1st size, extra strong pot grown	2 to 3 feet, 50c.	each. \$4.50 per doz.
2d "	1 to 2 "	30c. " 3.00 "
3d "	6 to 9 ins., 15c.	" 1.50 "

This is identical with *A. Veitchii* as regards its climbing properties, but it is a larger and stronger growing plant. The foliage even in summer is richly tinted crimson, and in autumn it is perfectly gorgeous in its flame-colored foliage. It is, in our opinion, the most valuable of the two varieties. Price the same as *A. Veitchii*.

HARDY CLIMBING PLANTS.

(IN VARIETY).

Embracing the most beautiful kinds of Vines, suitable for training or climbing on verandas, fences, walls, etc.

Akebia Quinata. A scarce Japanese twining plant, with rich, dark green foliage and curious dark brown flowers of the most powerful and delicious odor.

A. Quinquosefolia. The old Virginia Creeper. Invaluable where a coarse, rapid climber is desired. Large plants, 50 cts. each.

Apios Tuberosa. A valuable hardy tuberous rooted climber, closely resembling the common *Wistaria* in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong delicious violet fragrance. Plant the bulbs near a trellis, fence, tree or any place where you may wish a climber. They grow to a great height and bloom profusely. The bulbs are perfectly hardy and should not be taken up over winter. 15 cts. each, \$1.50 per doz.

Aristolochia Siphon (Dutchman's Pipe). Large, showy, light green foliage; flowers long and pipe-shaped, hence the name. 50 cts.

Bignonia Grandiflora (Scarlet Trumpet Vine). A most rapid grower; flowers in large bunches, of a rich orange scarlet.

Celastrus Scandens (Bitter Sweet). A well-known, handsome climbing plant. In the fall its foliage assumes a gorgeous coloring. It bears large clusters of bright scarlet berries, which remain on the vine a long time. Strong plants, 40 cts. each.

Clematis. (For fine hybrid kinds, see description, page 129.)

Hop Vines. Invaluable for covering up trellis, piazza or fences. Perfectly hardy and very thrifty. We offer strong roots which will make good vines this season.

Lathyrus Latifolius (Hardy Pea). One of the grandest and hardy climbers we have. The blooms are magnificent, formed in great clusters of large very flowers. We offer rose and white.

Lonicera (Japan Honeysuckles). Yellow, coral or scarlet, white, pink, evergreen and golden leaved; fine plants.

Jessamine. Hardy white flowering; very sweet scented.

Lonicera Belgica (Monthly Fragrant or Dutch Honeysuckle). The grandest of all Honeysuckles and always scarce. Ever-blooming and very fragrant. Flowers bright red with yellow and buff markings at the ends of the tubes. 50 cts.

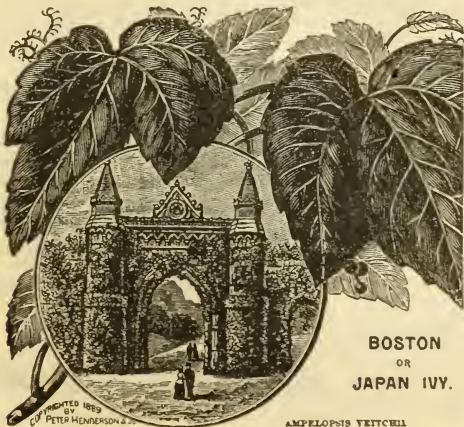
Roses (Hardy climbing). See page 106.

Wistaria Sinensis, White. Flowers borne in long, drooping clusters, as in the blue variety; pure white in color, making a most striking and elegant contrast. They average from 3 to 5 feet in length. 75 cts. each.

Wistaria Sinensis, Blue. Flowers in drooping clusters like a bunch of grapes; color soft lavender blue; fragrant.

All of the above Hardy Climbing Plants at 25 cts. each, \$2.50 per dozen, except where noted.

SPECIAL OFFER.—The entire collection of 15 kinds named and described on this page for \$3.00. Roses and Clematis not included in this offer.



BOSTON
 OR
 JAPAN IVY.

AMPELOPSIS VEITCHII

HARDY FLOWERING SHRUBS.

Amgdalus. (Flowering Almonds.) We offer these grand shrubs in two colors—red and white. The flowers are as double as a rose and are exceedingly pretty. 50 cts.

Azalea (Ghent). Crimson, pink, yellow, etc. \$1.50 each.
Azalea Amoena. Small, double reddish purple flower. 75c. each.
Althea, Double White. Beautiful shrub; double flowers.
Althea, Double Red. Similar to above, except color, which is red.
Calycanthus Floridus. Strawberry-scented shrub.

Deutzia Crenata. Pure white, tinged rose color.
Deutzia Gracilis. Pure white throughout; low, compact habit.
Ecochorda Grandiflora. Pure white flowers; a grand shrub. 50c.
Porythia Viridissima. Yellow flowers; blooms very early.
HYDRANGEA PANICULATA GRANDIFLORA. The flowers are formed in large white panicles, 9 inches long, which change to a deep pink at the base as the season advances. It grows five to seven feet high and wide, and, as the flowers slightly droop, few plants have the grace and beauty of this grand shrub. Used largely in cemeteries. 15c., 25c., 50c. or \$1.00 each, according to size; \$1.50, \$2.25, \$4.50 or \$9.00 per dozen, according to size.

Japan Snowball. (*Viburnum Plicatum*.) A beautiful species; foliage deeply corrugated. The balls of flowers are from 4 to 6 inches in diameter, of the purest white, and almost cover the plant when in bloom. Price, 50 cts. each, \$4.50 per dozen.

Kerria Japonica. Slender, graceful growth; double yellow flowers. Lilac. The well-known purple flowering variety.

MAGNOLIAS. (Hardy varieties.) In this grand class of plants for lawn-decoration we offer *Conspicua*, pure white; *Lennei*, pink with purple base; *Soulangeana*, creamy white and purple; *Speciosa*, silvery white; *Purpurea*, purple; *Tripetala* (*Umbrella Magnolia*). All extra large trees, 4 to 5 feet high, at \$3.00 each.

Phladelphus Coronarius. The popular Syringa or Mock Orange.
Ribes. (Flowering Currants.) Assorted colors; very fine.
Snowberry. (*Symphoricarpos Racemosus*.) Pretty pink flowers, white berries, lasting late in fall.

Spiraea Reevesii. Very fine and hardy; double white.
Spiraea Thunbergii. Flowers white; foliage graceful as a Fern.
Viburnum Opulus (Snowball). Large drooping white flowers.
Weigelia Candida. Pure white flowers; blooms in fall.
Weigelia Rosea. Rich rose-colored flowers.
Weigelia Variegated. Rose color; foliage marked white.

All the shrubs on this page we can supply at 30 cts. each, \$3.00 per dozen, except where noted.

HEDGE PLANTS.

Berry Purple. Very ornamental; purple foliage, scarlet berries. 25 cts. each, \$2.25 per dozen, \$12.00 per 100.
Fyrus Japonica. (Japan Quince.) Bright scarlet flowers, blooming in early spring. 25c. each, \$2.25 per doz., \$12.00 per 100.
Privet. (Californian.) A splendid hedge plant; glossy green foliage, white flowers. 25c. each, \$2.25 per doz., \$12.00 per 100.

HARDY ORANGE. (LIMONIA TRIFOLIATA.)

A very ornamental shrub, perfectly hardy, large plants having stood for years in Central Park, New York City. Handsome foliage, and white fragrant flowers, succeeded by bright orange-red fruit. It makes an excellent plant for hedges. (See cut.) Price, 20 cts. each, \$2.00 per doz., \$12.00 per 100.



HARDY TRIFOLIATA ORANGE

RHODODENDRONS.

These are among the grandest of our hardy flowering shrubs and cannot be surpassed for lawn-decoration. The flowers are truly magnificent, ranging through shades of rose, pink, crimson, white, etc., appearing in large "heads," 9 to 12 inches in diameter, composed of from 12 to 20 flowers, which are generally spotted and feathered with various colors. The foliage is large and glossy, being very ornamental at all times. Price, plants with 8 to 12 buds, \$2.00 each; set of six distinct named sorts for \$9.00. Plants with 4 to 8 buds, \$1.50 each; set of 6 sorts for \$7.50. Young plants, 6 to 10 inches high, most of which have one bud, 50 cts. each, \$5.00 per dozen.



CLETHRA ALNIFOLIA

White
 Persian
 Lilac.

WHITE PERSIAN LILAC.

It is doubtful if anything in the whole range of flowering shrubs surpasses this in grace and elegance, or in hardness and usefulness. As a decorative plant on the lawn or in the border it is without a peer, and its pure white, graceful plumes of sweetly fragrant flowers add grace and beauty to bouquets, vases, etc. As a cemetery plant it is without a rival. The plants we offer are unusually fine. (See cut.) Price, 75 cts. each, \$7.50 per doz.

CLETHRA ALNIFOLIA. (SWEET PEPPER BUSH.)

A very desirable dense-growing shrub, with dark green foliage and showy upright spikes of creamy white, intensely fragrant flowers, continuing in bloom a long time. The season of bloom is later than most shrubs, which is a valuable feature. (See cut.) Price, 30 cts. each, \$3.00 per doz.



EACH collection (unless otherwise stated) contains all *distinct varieties* of the newest and choicest kinds of our selection. If purchasers will read carefully the conditions of sale named on the bottom of this page, they will readily see that our Express Club Rates on three or more collections are so low that it does not pay to have plants sent by mail any more. Of course, in cases where there is no express office, or to very extreme distances, plants have to be sent by mail, in which cases we pack by the most approved methods, to have them arrive in good condition; but we would again reiterate that it is to every purchaser's interest to have plants sent by express when practicable.

FOR \$1.00 WE WILL SEND, FREE BY MAIL (or by express on terms at bottom of page):

- or, 8 **Achyranthus**, crimson, violet and yellow leaves.
- or, 8 **Abutilons** (Chinese Bell Flower), orange, crimson, etc.
- or, 4 **Ampelopsis**, in variety (hardy climbers).
- or, 10 **Ageratum**, colors, white, dark violet, blue, rose, etc.
- or, 8 **Alternanthera**, varieties for edging, etc.
- or, 4 **Azalea** (Chinese), colors, white, scarlet, etc.
- or, 8 **Basket Plants**, most approved kinds.
- or, 6 **Begonias**, scarlet, orange, white, rose, crimson, etc.
- or, 4 **Begonias**, tuberous rooted—scarce.
- or, 4 **Begonia Rex**, ornamental foliage.
- or, 6 **Canna**, tropical-looking foliage.
- or, 8 **Centaurea**, white leaved, for edging.
- or, 10 **Coleus**, bedding varieties.
- or, 4 **Caladiums** (fancy), leaves spotted and mottled.
- or, 6 **Carnations** (monthly), crimson, scarlet, variegated, etc.
- or, 8 **Chrysanthemums** (small flowering), assorted colors.
- or, 8 " (large flowering), assorted colors.
- or, 8 " (Japanese), assorted colors.
- or, 2 **Dracenas** (dragon trees), terminalis and indivisa.
- or, 6 **Dahlias**, large flowering.
- or, 6 " bouquet varieties and single, all colors.
- or, 6 **Daisies**, finest mixed.
- or, 6 **Eranthemums**, fine summer flowers.
- or, 6 **Ferns**, best fitted for house culture.
- or, 8 **Fuchsias**, all colors, double and single.
- or, 4 **Grape Vines**, white, bronze, black and purple fruit.
- or, 16 **Gladiolus**, for summer flowering.
- or, 6 **Geraniums** (single zonal), the finest of our collection.
- or, 6 " (double zonal), the finest of our collection.
- or, 6 " (scented), the finest of our collection.
- or, 6 " (Ivy-leaved), excellent for trellis or baskets.
- or, 8 **Heliotropes**, colors, all shades of purple, violet, etc.
- or, 4 **Hibiscus** (Chinese), scarlet, crimson, orange, etc.
- or, 6 **Hollyhocks**, white, pink, crimson, etc.
- or, 4 **Honeysuckles**, in variety.
- or, 4 **Hardy Shrubs** assorted.
- or, 6 **Hardy Climbing Plants**, different sorts.
- or, 6 **Summer Climbing Plants**, in variety.
- or, 4 **Hydrangea**, different shades of color.
- or, 4 **Jasminum** (Jessamine), white and yellow.
- or, 8 **Labellias**, ever-blooming, blue, white and lavender.
- or, 8 **Lantana**, white, orange, pink, crimson, etc.
- or, 6 **Lilies**, assorted.
- or, 6 **Mesembrianthemum**, wax pink.
- or, 2 **Palms**, large, fancy leaves, used for decorating.
- or, 6 **Petunias** (double), purple, crimson and white.

- or, 8 **Petunias** (single), striped and blotched; very fine.
- or, 8 **Pinks**, summer garden varieties, in flower all summer; crimson, pink, maroon and white; sure to please.
- or, 8 **Pansies**, new German varieties; very fine.
- or, 6 **Phlox** hardy; white, crimson, rose, violet, etc.
- or, 6 **Passifloras** ("Passion Flower Vine").
- or, 6 **Roses**, Hybrid Perpetual (hardy), white, pink, crimson, etc.
- or, 8 " (Monthly Tea), white, crimson, rose, violet, yellow, etc.
- or, 4 **Climbing Roses**, white, pink, crimson, etc.
- or, 6 **Snapdragons**, crimson, white, yellow, scarlet, etc.
- or, 8 **Sedums** ("Stone Crop"); splendid for vases.
- or, 6 **Succulents**, "Crassulas," etc.
- or, 8 **Salvias**, colors, blue, scarlet, crimson, white, rose, etc.
- or, 8 **Scarcer** summer flowering plants.
- or, 8 **Scarcer** ornamental foliage plants.
- or, 6 **Smilax**, the climbing plant used for festooning.
- or, 6 **Stevias**, color, white; winter flowering.
- or, 8 **Strawberries**, eight largest and finest sorts.
- or, 8 **Tradescantias**, drooping plants for baskets, etc.
- or, 6 **Tropaeolums**, orange, maroon, scarlet, rose, etc.
- or, 8 **Tuberose Pearl** (the dwarf, large flowered kind).
- or, 16 **Verbenas**, very finest kinds.
- or, 6 **Veronicas**, feather-like, violet, rose, blue, etc.

Please refer to our "Condensed List," page 143, for many plants not mentioned in the body of catalogue.

SPECIAL NOTICE.

No order is filled for less than one dollar, but we allow buyers to have collections if they desire it; for example, we will send 4 Abutilons and 5 Ageratums for \$1.00, but no further divisions of the collections will be made. Although it is a convenience to have plants sent by mail to places where there is no express office, yet in all cases where plants can be sent by express we always advise them so sent; for not only are we enabled to sell much cheaper, but larger plants can be sent, and they invariably arrive in better condition. We therefore offer the above collections to be sent by express, *buyer to pay charges*, at the following exceedingly low rates: Three collections for \$2, five for \$3, nine for \$5, twelve for \$6, twenty-one for \$10, forty-five for \$20, or the 66 collections for \$28, to which our book, "Gardening for Pleasure," and Catalogue (value \$2.25), will be added; in cases where any of the collections of plants are not wanted, we allow the purchaser to strike out and duplicate any other collection offered.

❖ STRAWBERRIES ❖

SPECIAL NOTE.—These Strawberry plants being from pot layered plants which were transplanted into cold frames in the fall, if planted out any time before May 5th will give quite a nice lot of fruit by June 15th of the present year. The plants here offered are far superior to the untransplanted "layers" usually sold.



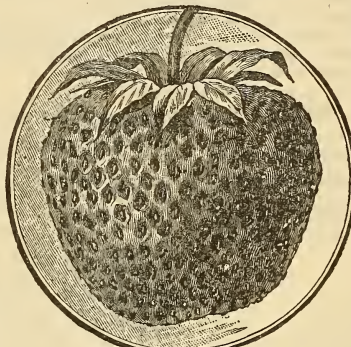
PARKER EARLE.

◁ BUBACH No. 5. ▷

A superior variety in every respect, of large size and great productiveness. The plant, too, possesses great vigor and is of strong growth. A prominent strawberry grower says "he has tested every variety sent out in the last 20 years, and if all varieties were culled out but 10 he would place Bubach's No. 5 at the head of the list, on account of its large, bright well-colored berries, its immense yield and handsome appearance and fine flavor" Price, 50 cts. per doz., \$3.00 per 100.

MICHEL'S EARLY.

The originator says this is the only strawberry entitled to be called "early," being two weeks earlier than any other variety. It is a robust, strong grower, rooting deeply, and throwing large luxuriant foliage on long stems, with never a trace of rust or mildew. It yields bountifully, being as productive as the Crescent; berries medium to large, handsome regular form, color bright scarlet, flavor exquisite, pronounced by all who have tasted it equal to that of the Wild Strawberry. (See cut.) 50c. per doz., \$3 per 100.



MICHEL'S EARLY.

GANDY.

This is the best and finest late strawberry yet introduced, and we find it to be the favorite late variety with fruit growers all over the country. By its use the season of strawberries is extended by nearly two weeks. The berries are of large, uniform size and shape, of bright crimson color, very handsome and showy, of superior quality, very firm, and ripen two weeks after Sharpless. For the home table it is invaluable, its fine quality, beauty and size rendering it a universal favorite. Price, 50 cts. per doz., \$3.00 per 100.

❖ SHARPLESS. ❖

One of the most popular. Plant exceedingly vigorous, very productive. Fruit large crimson, firm and of good quality. A profitable variety for market and home. (See cut.) Price, 50 cts. per doz., \$3.00 per 100.

CRIMSON CLUSTER.

This variety was introduced by us five years ago. It is immensely productive on good soil with proper cultivation; the berries are perfect in shape, of immense size and of delicious flavor. They are of the richest crimson color, and borne in immense clusters. It is one of the latest as well as the earliest varieties. Price, 75 cts. per doz., \$4.00 per 100.



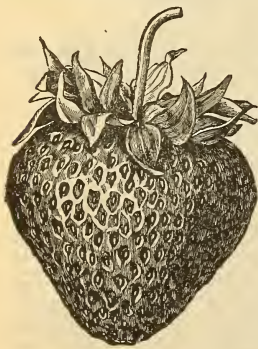
JESSIE.

❖ JESSIE. ❖

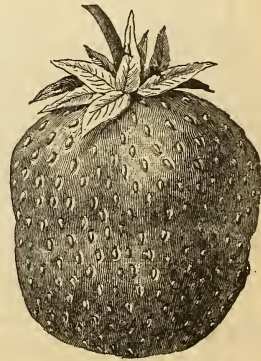
This large, fine strawberry has been tested over a large extent of country and has given universal satisfaction. Its large size, handsome regular form and fine quality make it one of the most desirable of berries. Plant strong, stocky, vigorous, free from rust and wonderfully productive. The Wisconsin Horticultural Society, after examining the plants in fruit, unanimously adopted the following: "Resolved, That the show of the Jessie upon the grounds of . . . exceeds anything we have ever seen in size, productiveness and quality, and we believe it possesses more valuable qualities than any new variety now disseminated." Price, 50 cts. doz., \$3.00 per 100. (See cut.)

HAVERLAND.

A magnificent and comparatively new variety; very early and productive, particularly in rich, deep soil. It is exceedingly vigorous and healthy, bearing large, handsome fruit of fine quality. The shape of the berries is rather long, and of a glossy bright crimson. Price, 50 cts. per doz., \$3.00 per 100.



GANDY.



SHARPLESS.



CUMBERLAND TRIUMPH.

STRAWBERRIES—Continued.

GENERAL COLLECTION.

Cloud. A very vigorous grower, enormously productive, fruit uniformly large. Color dark glossy red.

Charles Downing. For beauty, size, quality and productiveness, this variety is unsurpassed; the flavor is very fine, and the plants do well in most soils and locations. Although an old variety, it is among the best.

Cumberland Triumph. (See *cut.*) An excellent variety, large size, productive, fine color and of delicious flavor. Price, pot-grown plants, 60 cts. per doz., \$4.00 per 100, \$35.00 per 1,000.

Gold. Of the finest quality; color bright scarlet with golden seeds; season long, from medium to late.

Hoffman. A variety very popular South for shipment to northern markets; fruit good size and exceedingly firm; plant strong grower; productive.

Jersey Queen. Large, bright crimson, moderately firm, of fine quality. On good soil and properly fertilized, one of the best. Late.

May King. Remarkably productive; fruit showy, bright scarlet, of medium size. A valuable early and market sort. On poor soils it is excellent.

Parry. Fruit uniformly large, firm, beautiful in color and of good quality. A strong grower.

Prince of Berries. A seedling from Jersey Queen, and most excellent.

Pineapple. Its rich, dark crimson color, delicious flavor, combined with vigor and productiveness, insure this great popularity.

The "Nectar" is of the largest size, medium early, abundantly prolific, of a rich, spicy flavor, and one of the most beautiful strawberries ever introduced. Plants of luxuriant growth and free from mildew or rust.

Warfield. A variety that excels in size and yield, beauty and firmness the celebrated Crescent. Quality pleasant sub-acid, very vigorous grower, with bright healthy foliage. An early variety and one that we highly recommend. Price for any of the above, 35 cts. per doz., \$2.00 per 100.

CURRANTS.

Cherry. Dark red; best variety for market.

Victoria. Late; best for table use.

White Grape. The best white Currant.

Black Naples. Black; mostly used for jams and jellies.

15c. each, \$1.50 per doz., \$8.00 per 100.

Fay's Prolific. By far the best red Currant we have. Large, wonderfully prolific, of good flavor and less acid than the above. It is a strong grower and comes into bearing early. Strong plants. (See *cut.*)

30 cts. each, \$3.00 per doz.



FAY'S PROLIFIC RED CURRANT.

FOREIGN GRAPE VINES.

(For glass-covered grapeeries.)

MUSCAT OF ALEXANDRIA. Large grape of light golden color; the most popular of the white kinds.

BLACK HAMBURG. Black. | **White Frontignan.** White.

Charlesworth Tokay. White. | **Royal Muscadine.** White.

Lady Down's. Black. | **Madresfield Court Muscat.**

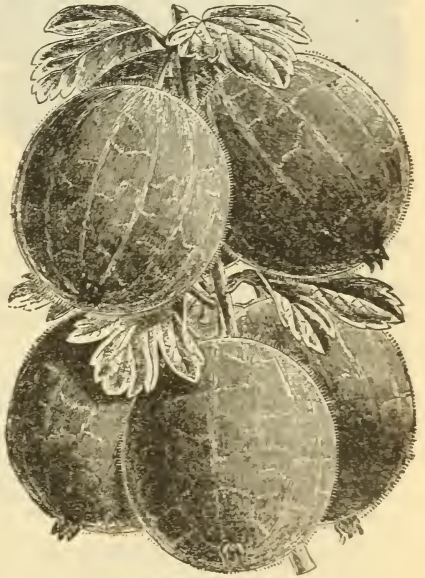
Cannon Hall Muscat. White. | Black.

Splendid vines, \$1.25 each, \$12.00 per doz. Extra large fruiting vines of the two varieties first on the list, \$5.00 each.

INDUSTRY GOOSEBERRY.

A Gooseberry possessing desirable qualities for table and market has long been a desideratum. The foreign varieties, wherever tried, have either mildewed more or less, or they have made an unsatisfactory growth. Hence a large, handsome sort of good quality has been much sought after. Although a foreign sort, it has done admirably for many seasons, being a vigorous grower and an immense yielder, and showing no signs of mildew. We confidently recommend it for the garden and market, being unequalled for size, flavor, productiveness and vigorous growth. Color dark red. 40 cts. each, \$4.00 per doz.

Houghton's Seeding. A vigorous and very productive variety, not affected by mildew. Probably the best American Gooseberry. 20 cts. each, \$1.50 per doz.



INDUSTRY GOOSEBERRY.

+ FIGS +

Are hardy nearly everywhere south of Washington, and can be kept outdoors in almost any well-sheltered spot in the Northern States if covered up with soil or leaves in winter, or they can be grown to fruit in tubs, which in winter can be kept in cold grapeery or cellar. Price, 75 cts. each, \$7.50 per dozen.

Our book, "Gardening for Pleasure," contains full information on the culture of Strawberries, Grape Vines, and small fruits of all kinds. It also details the culture of house and garden plants, vegetables and their culture, instructions in propagation and numerous other interesting chapters. See special offer of this as premium elsewhere.



ERIE BLACKBERRY

✦ BLACKBERRIES. ✦

Erie. Largest size, excellent quality, absolutely hardy, very early; without doubt the finest Blackberry (See cut.) \$1.50 per doz., \$8.00 per 100.

Early Harvest. One of the earliest and most valuable varieties we have; excellent for family use.

Wilson, Jr. Second only to the above in all the requirements of a first-class berry.

Kittatinny. Very large and of excellent flavor.

Lawton. Very large, juicy and sweet. \$1.50 per doz., \$6.00 per 100.

Crystal White. A White Blackberry. Berries are of a fine translucent white, of good size, very sweet and pleasant. Canes exceedingly prolific but not entirely hardy. \$1.00 per doz., \$6.00 per 100.

Lucretia Dewberry (or Creeping Blackberry). The finest of its class that we have yet seen. The fruit is enormous, luscious and handsome. It is entirely hardy everywhere, a healthy, strong grower, and exceedingly productive. Price, \$1.00 per doz., \$6.00 per 100.

✦ RASPBERRIES. ✦

◀ RED RASPBERRIES. ▶



HANSALL RED RASPBERRY

Marlboro. Very dark; exquisite spicy flavor.

Hansall. Bright red; very early and productive. (See cut.)

Cuthbert. The leading market variety for late fruiting.

Brandy wine. Early, bright crimson; very prolific. Price, \$1 per doz. \$6 per 100

◀ BLACK RASPBERRIES. ▶

Tyler. The earliest black Raspberry and the leading early market sort. Wonderfully productive. Fruit of good size, jet black, with but little bloom, firm, and of sweet, pleasant flavor.

The Gregg. A black Raspberry or "Black Cap" of good size; enormously productive and of excellent flavor.

Progress. Large, sweet and juicy. A decided advance on the older sorts.

Ohio. A "Black Cap" of large size, having a delicate flavor. Early and prolific and of very attractive appearance. Price, \$1.00 per dozen, \$6.00 per 100

◀ YELLOW RASPBERRIES. ▶

Golden Queen. The most popular and best yellow Raspberry yet introduced. Of large size, great beauty, high quality, hardness and productiveness, Fully equal to Cuthbert in size of fruit and vigor of growth.

Caroline. Largest size and exquisite flavor.

Brinckle's Orange. Color, rich shade of orange; largest size and most prolific bearer. Price, 20 cts. each, \$1.50 per doz., \$10.00 per 100

⇒ VEGETABLE PLANTS. ⇐

All the plants herewith offered are described at length in the vegetable seed portion of this Catalogue and will be found on the pages noted in the index on first page of cover.

CABBAGE AND CAULIFLOWER

That have been hardened off in cold frames, and are ready to plant out at any time from March to end of April, of the following varieties:

If by mail, add 25 cts. to 100 price.

- Cabbage. Henderson's Early Summer, Per 100, \$1.00; per 1,000, \$9.00.
- Succession. \$1.00 per 100; \$9.00 per 1,000.
- Early Jersey Wakefield. Per 100, \$1.00; per 1,000, \$9.00.
- Cauliflower. Early Paris! Per 100, \$2.00; per 1,000, \$15.00.
- Henderson's Early Snowball. Per 100, \$2.00; per 1,000, \$15.00.

Field-grown plants of Cabbage and Cauliflower, ready May 15th, at half these rates.

Special Catalogue of Vegetable Plants, ready June 15th, mailed free to all applicants.

EGG PLANTS (Pot Grown).

(READY MAY 15TH.)

- N. Y. Improved. 10 cts. each, \$1.00 per doz., \$6.00 per 100.
- Black Pekin. 10 cts. each, \$1.00 per doz., \$6.00 per 100.

LETTUCE.

- Boston Market. Per 100, \$1.00; per 1,000, \$7.50.
- Curled Simpson. Per 100, \$1.00; per 1,000, \$7.50.

PEPPER PLANTS (Pot Grown)

(READY MAY 15TH.)

- Large Bell or Bull Nose. 10c. each, \$1.00 per doz., \$6.00 per 100.
- Sweet Mountain. 10c. each, \$1.00 per doz., \$6.00 per 100.

RHUBARB ROOTS.

St. Martin's. A new English variety, now grown largely for the London market. It is not only immensely productive, but it is also one of the earliest, and, above all, it has a rich, spicy flavor, very similar to the gooseberry, when used for pies or tarts. 35 cts. each, \$3.50 per doz.

Victoria. The standard variety. 20 cts. each, \$2.00 per doz.

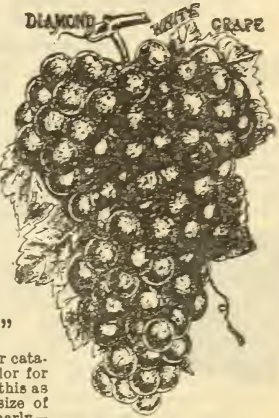
TOMATO PLANTS.

(READY MAY 1ST.)

- Early Ruby. 30 cts. per doz., \$2.50 per 100.
- Table Queen. 40 cts. per doz., \$3.00 per 100.
- Perfection. 30 cts. per doz., \$2.50 per 100.
- Dwarf Champion. 30 cts. per doz., \$2.50 per 100.
- Acme. 30 cts. per doz., \$2.50 per 100.
- Paragon. 30 cts. per doz., \$2.50 per 100.
- The Trophy (from headquarters seed). 30 cts. per doz., \$2.50 per 100.
- The Milkado. 30 cts. per doz., \$2.50 per 100.

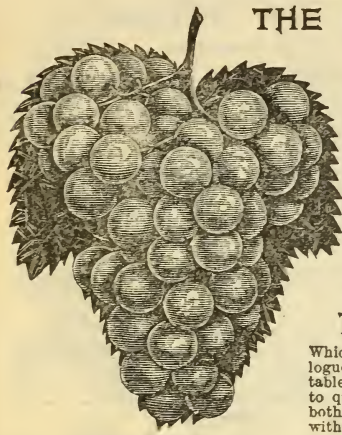
THE BEST BLACK GRAPE IS "EATON."

This promising new Grape is similar in foliage to Concord, and in growth, health, hardiness and quality is in every respect its equal, while in size of bunch and berry it is much larger and more attractive in appearance. Leaf large, thick, leathery, covered on the under side with a thick brownish yellow down. Bunch large, sometimes twelve to twenty-five ounces, compact, double shouldered; berries very large, many one inch in diameter, round, black, covered with heavy blue bloom; adheres firmly to the stem; skin thin but tough, pulp tender, separating freely from the seeds and dissolving easily in the mouth. Very juicy; ripens with Concord or a little earlier. Price, 2-year vines, 75c. each; 1-year vines, 50c. each.



The Best Red Grape is the "Brighton,"

Which we illustrated in colors on the back cover of our catalogue in 1899. It still remains the best grape in its color for table use; in fact, too much cannot be said in praise of this as to quality and other properties. In color, form, and size of both bunch and berry, it resembles Catawba, but ripens early—with the Delaware. Vine a free grower and productive. Price, 2-year vines, 30 cts. each, \$3.00 per doz.



BRIGHTON.

THE BEST HARDY GRAPES (in variety)

Herewith offered we have selected from the hundreds at our command as the best varieties for either family use or market purposes. Each one is without a peer in its class and color, and were we going to plant thousands of vines would not look beyond these sorts.

Agawam. (Rogers' No. 15.) Berries large, of bronze color; bunches of good size and form.

Brighton. One of the very best red grapes. (See cut and description above.)

Concord. One of the best old sorts. Bunch and berries large; color black with a rich bloom.

Delaware. Red; bunches compact; berries small, sweet and of the most excellent flavor.

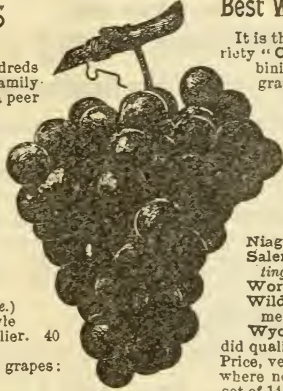
Duchess. Greenish white; splendid quality.

Eaton. (See cut and description above.)

Moore's Diamond. (See cut and description above.)

Moore's Early. Resembling the Concord in style of growth and berry, ripening two weeks earlier. 40 cts. each.

Martha. One of the best of our greenish white grapes; exquisite flavor.



EATON

Best White Grape is Moore's "Diamond."

It is the product of a cross between that grand old variety "Concord" and the highly esteemed "Tona," combining in one kind the two qualities most desired in a grape, viz., vigor and hardiness of vine with high quality of fruit. In vigor of growth, color and texture of foliage, with hardness of vine, it is the equal of its parent, "Concord," while in quality the fruit is equal to many of our hot-house grapes. It is among the earliest and ripens from two to four weeks ahead of "Concord." Price, 2-year-old vines from original stock, 75c. each; 1-year-old vines, 50c. each.

Niagara. A grand white grape; hardy, fine quality. 40c.
Salem. (Rogers' No. 22.) A splendid white grape, tinged with pink.
Worden. Black; very juicy; large size; early.
Wilder. (Rogers' No. 9.) An excellent variety. Berries medium; bunches large; color black. A good bearer.
Wyoming Red. A fine light red, medium size, splendid quality and wonderfully productive grape. 40c. each. Price, very strong two-year-old plants, 30c. each, except where noted, \$3.00 per doz. **SPECIAL OFFER**—Full set of 14 Hardy Grapes for \$4.00.

CONDENSED LIST OF PLANTS.—Standard Varieties.

Lack of space prevents us giving extended descriptions of the following well-known and useful plants:

	EACH.		EACH.		EACH.
Allamanda. Yellow flowers.....	30 cts.	Dianthus. Mixed. (Ready May 1st).....	10 cts.	Nasturtium. (Ready May 1st).....	10 cts.
Antirrhinum. Choicest mixed.....	10 "	Daisies, Paris. White and Yellow.....	10 "	Pilogyne Suavia. Beautiful climber.....	15 "
Amaranthus. Three sorts.....	10 "	Eranthemums. Three varieties.....	15 "	Pentstemons. Mixed.....	20 "
Balsams. Mixed. (Ready May 1st).....	10 "	" Marginatum. Variegated foliage.....	30 "	Pilea Serpafolia.....	20 "
Convolvulus. Blue flower.....	15 "	Gazania Splendens. Yellow flowers.....	15 "	Phlox Drummondii. Mixed. (Ready May 1st).....	10 "
Calla Lilly. All flowering roots. 20c., 30c. and 50c. each; \$2.00, \$3.00 and \$4.50 per doz.		Hypericum. Bright yellow flowers, blooming early in the spring.....	25 "	Pittosporum Variegated. White, fragrant flowers; leaves marked white and green.....	50 "
Cyclamen. Mixed.....	30 "	Impatiens Lucy. Light mauve colored flowers.....	20 "	Primula. Double white Chinese, strong plants.....	50 "
Castor Oil Bean. (Ready May 15th).....	15 "	Ivy, German. For baskets, etc.....	10 "	Sedum. Fine for rock-work.....	10 "
Cobea Scandens. Rapid growing climber; purple flowers.....	20 "	" English. Hardy evergreen.....	25 "	Smilax Vines.....	10 "
Cigar Plant.....	10 "	Jessamine. Cape.....	30 "	Stevia. White flowers.....	10 "
Cockscomb. Mixed. (Ready May 1st).....	10 "	Lemon Verbena. White and yellow varieties.....	15 "	Torenia Asiatica. Blue flowers.....	15 "
Coccoloba. Basket plant.....	15 "	Libonia. Orange flowers.....	20 "	Thyme. Gold and silver varieties.....	10 "
Calceolaria. Yellow.....	15 "	Lobelia. Blue, 10c. each. Lysimachia.....	15 "	Tradescantias.....	10 "
Calceolaria. Maroon.....	15 "	Linum Trigynum. Yellow flowers.....	20 "	Tropaeolum. "Darkness." Double.....	25 "
Cactus. Lobster varieties.....	30 "	Mosses. Best varieties.....	15 "	Vinca. Trailing sorts.....	15 "
Crotons. Assorted varieties.....	50 "	Mesembryanthemums.....	10 "	Veronicas. Deep blue.....	15 "
Daphne Odorata. Fragrant rose colored flowers.....	50 "	Mahernia Odorata. Golden Honey Bell.....	15 "	Zinnias. Mixed. (Ready May 15th).....	10 "
		Madaira Vine.....	5 "		

GRAND PREMIUM GIVEN FREE

With every order amounting to \$5.00 and over, taken from this Catalogue.

HENDERSON'S THERMOMETRICAL GARDEN CALENDAR.

A novel and useful article. It is very substantial, being made of metal (size, 11 $\frac{1}{2}$ x 13 $\frac{1}{2}$), 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 the late 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. Henderson's Thermometrical Garden Calendar, securely boxed, sent free by mail for \$1.00 —OR— Given as a premium with every order going by express or freight, or on orders going by mail if 25c. extra is allowed for postage on the Calendar, amounting to \$5.00 and upwards for seeds, plants or bulbs, 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 elsewhere.



Improved White Cedar Tree Tubs.

White cedar bound with heavy iron hoops. Drop handles serving as hooks for carrying poles. Substantial iron legs. Removable perforated bottoms. Painted green outside and brown inside. We can furnish these painted red if desired at an extra cost of 10 per cent.

Outside			Price.	Outside			Price.	Outside			Price.
No.	Diam.	Length of Stave.		No.	Diam.	Length of Stave.		No.	Diam.	Length of Stave.	
0	27 inches.	24 inches	\$7.00	3	21 inches.	18 inches	\$4.00	6	14 inches.	12 inches	\$2.50
1	25 "	22 "	6.00	4	18 "	16 "	3.50	7	13 "	11 "	2.25
2	23 "	20 "	5.00	5	16 "	14 "	3.00	8	12 "	10 "	2.00

HITCHINGS & CO.

ESTABLISHED 1844.

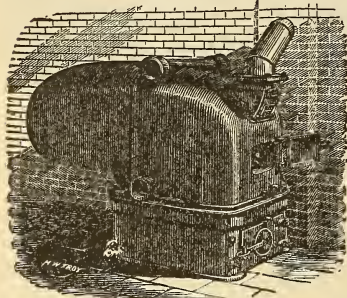
Greenhouse Heating and Ventilating, Horticultural Architecture and Building.

IRON FRAME ROSE HOUSES, GREENHOUSES AND
CONSERVATORIES ERECTED COMPLETE OR
SHIPPED READY FOR ERECTION.

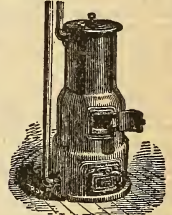
Plans and Specifications on application, also Estimates of Cost.

HITCHINGS & CO.,

233 Mercer St., N. Y. CITY.



Corrugated Fire Box Boiler. (Five sizes.)



Base-burning Hot-water Heater. (Four sizes.)

Send 4c. postage for Illustrated Catalogue.

THE WHILLDIN POTTERY CO.

Office & Factory, 713 & 715 Wharton St., Philadelphia, Pa.
Branch Warehouse, Randolph Av. & Union St., Jersey City, N.J.

—MANUFACTURE THE—

"Standard" Flower Pot,

AS ADOPTED BY

THE SOCIETY OF AMERICAN FLORISTS.

At their Annual Meeting held in New York City,
Aug. 23d, 1888, and was awarded the

Only First-class Certificate of Merit,

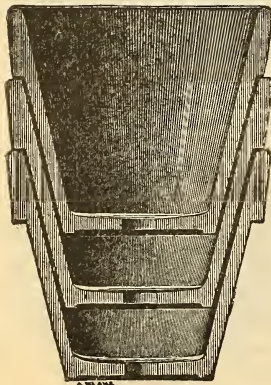
At their Annual Meeting held in Boston, Mass., August 20th, 1890.

As will be seen by the engraving, this Pot is stronger, less liable to break, and hence can be safely packed to carry to any distance better than the old style of Flower Pots.

OUR "STANDARD" FLOWER POTS

are used extensively in all the leading floral establishments in the United States.

PRICES SENT ON APPLICATION.



"PLANET JR." HORSE AND HAND IMPLEMENTS.

These are the most popular and satisfactory tools made for garden and field use. We can show but a portion of them and only partially describe them, but shall be glad to send our **SPECIAL "PLANET JR." CATALOGUE** free to all who will write for it. It contains full descriptions and 50 illustrations showing the adjustments and operations in various field and garden crops.—P. H. & Co.

"Planet Jr." Hill Dropping Garden Seed Drill.

For Hand Power.

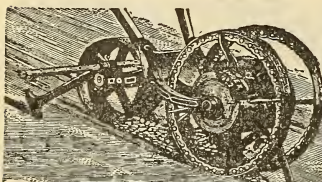


Our Net Price,
\$11.00.
(List Price, \$12.00.)

This is an entirely new machine, the latest and best of the "Planet Jr." family. It holds two quarts, and sows all kinds of garden seeds with the greatest regularity. The plow runs any depth from $\frac{1}{4}$ to 1 inches. It sows in drills as well as the No. 2 Drill (described below) and will also drop in neat hills either $\frac{1}{4}$, $\frac{1}{2}$ or $\frac{3}{4}$ inches apart. It can be changed from a hill to a drill dropping machine or the reverse, or can be thrown in or out of gear in a moment, and will not sow when run backwards. It is nicely adapted to working all conditions of land, especially well in fresh ground or when planting on a ridge. It has a force feed so that sowing is regular no matter whether the drill is full or nearly empty. The discharge of the drill can be stopped instantly at the end of the row so that no seed need be wasted. The opening plow and cover are especially adapted for the work they have to do, while the marker can be set at any distance desired up to 20 inches. The ability to drop in hills is a great advantage, as it saves considerable seed, insures vigorous plants at even distances, and saves an immense amount of hard labor in thinning out. The machine is thoroughly well made and the best tool on the market. Extra attachment for sowing onion seed for sets in a band four inches wide, price, 50c. *Weight, packed, 44 lbs.*

"Planet Jr." No. 2 Seed Drill.

For Hand Power.

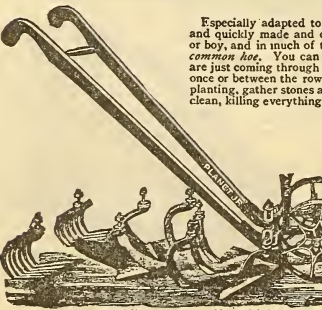


This Standard Drill holds two and a half quarts. It sows all garden seeds accurately any desired thickness or depth. It opens, drops, covers and rolls down and marks the next row, all at one passage, in the most perfect and reliable manner. Its construction is simple; it runs easily, and its sowing devices are in no way dangerous to the vitality of the seed. It will sow a single thumbfull of fine seed with regularity for the distance of a hundred feet, yet it will revolution of the hopper keeps the seed in a loose condition, and makes the sowing of Carrot, Parsnip, Beet, Salsify, etc. easy and satisfactory. The plow is directly between the wheels, and therefore opens the furrow at a perfectly regular depth, and the covering is also very accurate. We can assure our customers that it will give them every satisfaction.

Our Net Price, \$7.50. (List Price, \$9.00.) *Weight, packed, 40 lbs.*

"Planet Jr." Double Wheel Hoe, Cultivator, Rake and Plow Combined.

For Hand Power.



"Planet Jr." Double Wheel Hoe with its attachments.

Especially adapted to save labor in large gardens. 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 to or from, cultivate, rake, etc., deep or shallow, safely when plants are just coming through the ground, and until they are fifteen inches high, and all the time both sides at once or between the rows, at the speed of a moderate walk. The Rake level and fine the ground for planting, gather stones and trash, cultivate plants when small, cover seeds, etc. The Hoes cut close and clean, killing everything they meet, leaving the ground level. The Cultivator teeth mellow the soil marking out rows for plants, seeds, sets, etc. The Plows lay out deep furrows and cover them and hill-up 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 Price,
\$7.00.
(List Price, \$8.00.)
Weight, Packed, 35 lbs.



Earthen up Celery.



Cultivating Strawberries.



Hoeing Onion sets on both sides of one row.

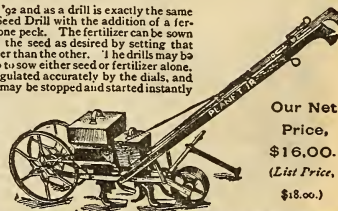
"Planet Jr." Plain Double Wheel Hoe.

For Onion G-owers and others who want a Hoe only, we offer the Double Wheel Hoe supplied only with one pair of long curved point hoes. Our Net Price, \$4.00 (List Price, \$5.00.) *Weight, Packed, 24 lbs.*

"Planet Jr." Combined Hill Dropping Seed and Fertilizer Drill.

For Hand Power.

This tool is new for '92 and as a drill is exactly the same as the Hill Dropping Seed Drill with the addition of a fertilizer hopper holding one peck. The fertilizer can be sown either above or below the seed as desired by setting that plow deeper or shallower than the other. The drills may be satisfactorily used also to sow either seed or fertilizer alone. The amount sown is regulated accurately by the dials, and the discharge of both may be stopped and started instantly either separately or together, thus avoiding all loss at the ends of the row. Like the plain hill dropping drill, it does not sow when drawn backwards, and can be quickly thrown entirely out of gear. This machine will be a great boon to all farmers and market gardeners. It is thoroughly well made and guaranteed to do satisfactory work. *Weight, packed, 58 lbs.*

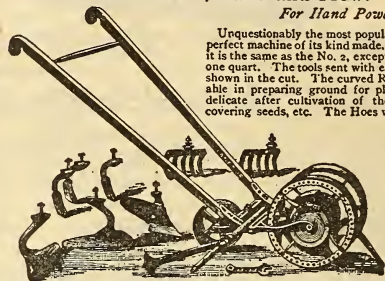


Our Net Price,
\$16.00.
(List Price, \$18.00.)

"Planet Jr." Combined Drill, Wheel Hoe, Cultivator, Rake and Plow.

For Hand Power.

Unquestionably the most popular, and the most perfect machine of its kind made. As a seed drill it is the same as the No. 2, except in size; it holds one quart. The tools sent with each machine are shown in the cut. The curved Rakes are invaluable in preparing ground for planting, and for delicate after cultivation of the crop, and for covering seeds, 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 16 inches wide at one passage, leaving the ground nearly level. The Plow opens furrows, covers them, hills, plows to and from, etc. In a small garden where a horse is seldom used it is invaluable for working the crasser 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 two rows for sets, plants and large seeds. Taken as a whole, this combined tool is the nearest approach to perfection for the use of a gardener that can well be devised. Our Net Price, \$10.00. (List Price, \$12.00.) *Weight, packed, 40 lbs.*



The "Planet Jr." Single Wheel Hoe, Cultivator, Rake and Plow Combined.

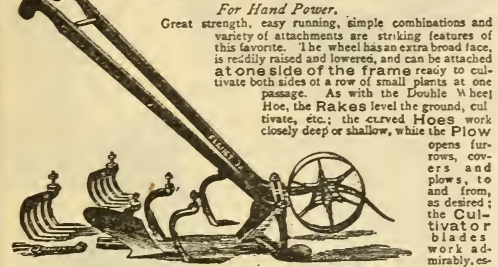


Fig. 9.—The "Planet Jr." Single Wheel Hoe Complete

Great strength, easy running, simple combinations and variety of attachments are striking features of this favorite. The wheel has an extra broad face, 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, cultivate, etc.; the curved Hoes work closely deep or shallow, while the Plow opens furrows, covers, and plows, etc., 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 the tool, though not so well adapted to large fields of garden crops as the Double Wheel Hoe, is still a great favorite for that class of work. Our Net Price, \$5.50. (List Price, \$6.00.) Weight packed, 20 lbs.

The "Fire-Fly" Hand Garden Plow.

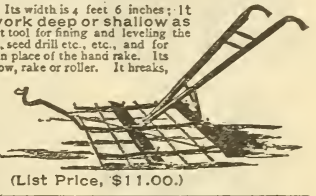


To be appreciated this little labor-saver must be seen in actual work. Its cost is soon saved, by going twice to each furrow, the ground can be plowed up in the Spring ready for planting. Then the tool can be used to open shallow or deep furrows for various crops, for covering, hoeing, plowing and for "hilling up" such crops as celery, potatoes, etc., it is invaluable. Weight, packed, 12 lbs. Our Net Price, \$2.25. (List Price, \$2.50.)

Planet Jr. All Steel Pulverizer and Leveler.

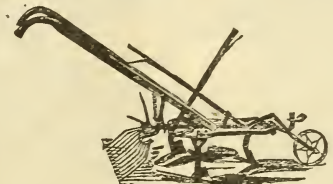
For Horse Power.

This novelty has high merit. Its width is 4 feet 6 inches: It can be regulated to work deep or shallow as required, and a very perfect tool for firming and leveling the surface before using the marker, seed drill, etc., etc., and for leveling and smoothing ridges in place of the hand rake. Its action is better than either harrow, rake or roller. It breaks, cuts, rolls and crushes lumps and takes the tops of the high places and carries them forward to fill up the hollows. The usual slow surface preparation of the Market Garden rapidly in the neatest manner. Weight, packed, 75 lbs. Our Net Price, \$9.00. (List Price, \$11.00.)



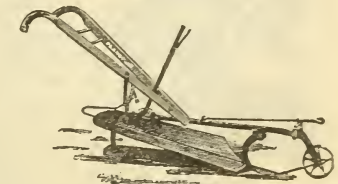
Planet Jr. Twelve Tooth Harrow, Cultivator and Pulverizer.

For fine cultivation, either deep or shallow, this tool has no equal. The recurved throat and high frame prevent clogging, and the reverse position is given to the teeth in a short time by the changing of a single bolt in each. It is provided with the new Lever Wheel, used to regulate the depth with exactness, and also the Pulverizer, which leaves the ground in the finest condition. The pulverizer is controlled by a lever, which can be operated in an instant by the foot while in motion. 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 center teeth in both Cultivator and Pulverizer. As a harrow, the work done is most perfect, and with the teeth turned backward it is admirable for trashing ground and leveling, and for crops just breaking through the surface. Weight, packed, 60 lbs. Our Net Price, Complete, \$9.50. Without Lever Wheel, \$7.50.



Planet Jr. Market Gardeners' Horse Hoe and Pulverizer.

An admirable tool for very fine close level culture of market garden and field crops. It has a narrow cultivator tooth, two hoes cutting 10 inches each, a 12-inch sweep and a 25-inch pulverizer. At a single passage it works all rows from 18 to 32 inches. The hoes may be exchanged from one side to the other, and the Pulverizer may be regulated for narrow rows. The New Lever Wheel is easily and quickly adjusted to give any depth required. 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. Our Net Price, complete, \$9.50; without Pulverizer, \$7.50. Weight, packed, 55 lbs.

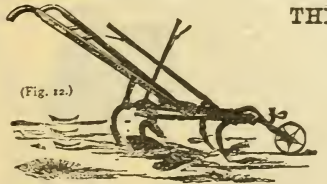


Planet Jr. Single Celery Hiller.

For Horse Power. Absolutely indispensable to celery growers. It works but one side at a time, and throws harrier and higher than the double, and is adapted to all width rows, from a feet up. It has the new leaf lifter and patent lever expander. Does away with the greater part of "handing." It is also used to bank up the celery when sowing in trenches for winter. Our Net Price, \$9.00.

Planet Jr. Double Celery Hiller.

The Double machine hills all rows from the first to the last time, when not planted over four and one-half feet apart. The detachable leaf lifters enabling the operator to throw up the earth beneath the leaves, so close as to make "handing" very easy and entirely unnecessary the patent lever expander is a simple method of adjusting the width. Our Net Price, \$11.00.



(Fig. 12)

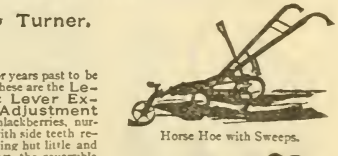
Planet Jr. Horse Hoe; as we send it out for \$9.00.

THE "PLANET JR." ALL STEEL HORSE HOE,

Cultivator, Coverer, Marker, Vine Turner, Furrower, etc.

For fine cultivation, either deep or shallow, this tool has no equal. The recurved throat and high frame prevent clogging, and the reverse position is given to the teeth in a short time by the changing of a single bolt in each. It is provided with the new Lever Wheel, used to regulate the depth with exactness, and also the Pulverizer, which leaves the ground in the finest condition. The pulverizer is controlled by a lever, which can be operated in an instant by the foot while in motion. 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 center teeth in both Cultivator and Pulverizer. As a harrow, the work done is most perfect, and with the teeth turned backward it is admirable for trashing ground and leveling, and for crops just breaking through the surface. Weight, packed, 60 lbs. Our Net Price, Complete, \$9.50. Without Lever Wheel, \$7.50.

This well-known and popular tool, though acknowledged for years past to be the best, has been strikingly improved. First among these are the Lever Wheel, a necessity for particular work; the patent Lever Expander, changing the width instantly; and Handle Adjustment for height, and also side-ways for use in grapes, pole beans, blackberries, nursery stock, etc. and when covering, it is reversed to cut 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 for hoeing, leveling, etc. in the horse cultivation of almost every field or garden crop this tool gives entire satisfaction; for its work is the very best and the changes of depth and width are instantaneous. It has the following extra Attachments.—A set of plates 1 1/4 inches wide for deep work, price, 60c. Marker.—An excellent device marking out the next row at the same passage, price, \$2.00. Furrower.—For making furrows for seeds, manure, etc.; also useful for hilling, price, 10 inch, \$1.00; 15 inch, \$1.75; with wings to expand to 20 inches, \$2.00. Covering Roller.—If the Horse Hoe has a wheel the roller only is required in addition for covering, price, \$2.00. Vine Lifter.—Very useful among tobacco, potatoes, citrons, tomatoes, peppers, beans, peas, sweet potatoes, etc., price, \$1.75. Sweeps.—These are made in a widths, 8 in. cut, each, 35c; 10 in., 40c; 12 in., 45c; 15 in., 50c. A pair of 10-inch cut and one 12-inch cut clean two and one-half feet. They are much esteemed for shallow and level cultivation, for strawberries, orange groves, cotton, etc., etc. Weight, packed, 75 lbs.



Horse Hoe with Sweeps.

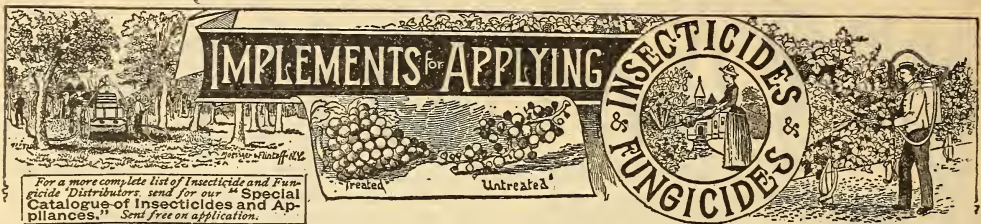


Horse Hoe with Covering Roller.



Horse Hoe with Furrower and Marker.

NET CASH PRICES.—"Planet Jr." Horse Hoe, with Cultivator Teeth, Lever Expander and Lever Wheel (as shown in fig. 12) \$9.



For a more complete list of Insecticides and Fungicide Distributors, send for our "Special Catalogue of Insecticides and Appliances." Sent free on application.

"Perfection" Spraying Outfit.



"Perfection" Spraying Outfit.

Henderson's Portable Hand Forcé Pump.

This is the best and most durable portable hand pump in the market. Made of solid brass, very light and easily carried and works from any bucket or tub. Throws a stream 30 ft., or a spray 20 ft., just the thing for throwing liquid insecticides on low trees, shrubs, plants, etc., besides being useful for sprinkling walks, gardens, washing windows, etc. Price, \$5.00.

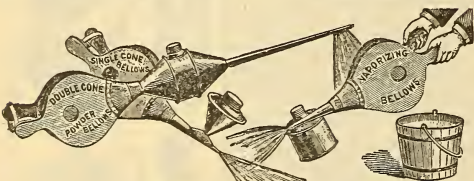
It keeps the liquid stirred up in the barrel. One hundred trees per hour can be sprayed with this. This pump is fitted with ten feet of discharge hose and a graduating Spray Nozzle. At the aperture "B" is attached three feet of return hose, so that, at every stroke of the pump, a small part of the liquid is recharged into the tank near bottom of suction pipe, which keeps the poison and water well mixed. There is also a tight cap furnished, to close up opening "B" when desired. The pump has three inch cylinder, and is furnished with iron suction pipe with a fine strainer at bottom, ready to mount on a barrel. Weight, 35 pounds. Price of outfit, complete, (not including barrel), \$10.00.

Southern Queen Spraying Pump.

A popular low priced outfit. Sits the liquid automatically. Price, complete excepting barrel, \$7.00.



Henderson's Portable Hand Forcé Pump.



Woodason's Vaporizing Bellows.

This throws a spray as fine as mist, rendering the use of strong solutions of Kerosene, Fir Tree Oil, Tobacco Soap and poisonous fluids perfectly safe on tender foliaged plants, killing the insects without burning the leaves; it also forces the fluids into every crevice, without using half the quantity required by syringe or sprinker. Price, Large Size, \$2.25. Small Size, (for house use) \$1.50.

Woodason's Double Cone Powder Bellows.

This bellows is the best article ever invented for destroying insects in the Conservatory, Garden, Orchard or Field; it will kill every bug upon one acre of potatoes, under the leaves as good as on top, in an hour; it will blow powder into fruit trees. This bellows can be held in any direction without wasting powder as it regulates its own supply, and it does not clog up. Price, \$3.00.

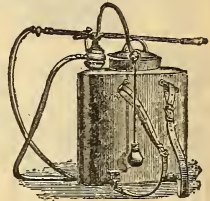
Woodason's Single Cone Powder Bellows.

Price, Large Size, \$2.00. Small Size, for conservatory and house use, \$1.25.

The Improved Knapsack Sprayer.

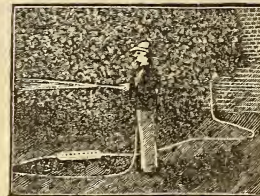
This valuable arrangement, invented by the U. S. Agricultural Department, is used for applying fungicides, such as Bordeaux Mixtures, Ammonical Compound of Copper and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black 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 given. No grape grower can afford to be without it. (See page 151 for fungicides ready for mixing.) Price, \$24.00.

Vermoral Nozzle Improved, for applying fluids in a mist, \$1.50.
Bamboo Extension Rod, 8 feet long with ball valve connections and stop cock, \$6.00.



Knapsack Sprayer.

The "Stott" Insecticide Distributor.



"Stott" Insecticide Distributor.

for throwing water as it can be used perfectly with a Force Pump or Garden Engine.
Prices, including filler, and hose coupling, 2 cells, \$9.00; 3 cells, \$10.00; 5 cells, \$12.00.

Garden Engine.

Will throw a stream of water 50 feet high. Very convenient for watering gardens, washing windows, side-walks, sprinkling trees and plants with liquid compositions for the destruction of insects. Size 15x24x22 inches, holds 40 gallons. Supplied with 3 feet hose and the nozzle.
Price \$20.00

Hydronette.

Throws a stream 30, or a spray 20 feet, handy and light; made of solid brass; very durable. Price, complete, \$5.00.



Eureka Fumigator. Powder Duster.

Florence Vaporizer.

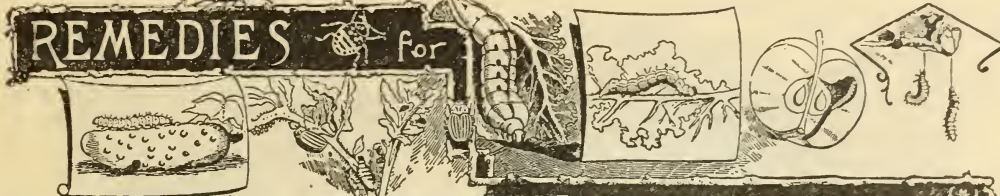
Powder Gun.

Eureka Fumigators. For fumigating greenhouses with dampened tobacco stems; made of galvanized sheet iron, a damper regulates the draft; no danger of fire no ashes or litter. No. 1, 12 in high, \$2.00; No. 2, 16 in. high, \$2.50; No. 3, 20 in. high, \$3.00; No. 4, 24 in. high, \$4.00.

Florence Vaporizer for spraying on fluid insecticides on house plants, etc. Price, 75c.

Powder Gun. Where Persian powder and insect powders are used in small quantities, as on pot plants, etc. this is just what is wanted. Price, 2 oz. size, 25c; 4 oz. size, 35c.

Powder Duster. Perforated bottom for dusting insect powder, Paris green or London purple; 4 quart size, 50c; 2 quart size, 40c.



REMEDIES

For

INSECTS & FUNGUS

A new book, "Injurious Insects and Plant Diseases with Remedies" will be ready in a few days. It will give the latest and best apparatus for applying fluid and powder insecticides. Written in a plain, concise manner. Price, 25 cents.

We give below a list of vegetables, fruits, trees and plants, with the various insects or diseases (in italics) that attack them. After the name of the insect or fungus, will be found one or more numbers, these numbers apply to the remedies given below, preference being given to the first mentioned. Under the heading of "Remedies" will be found a complete list of insecticides and fungicides; each remedy is numbered, in cases where different forms of the same remedy are recommended, as in the case of Paris Green, each formula has a separate number. The advantages of this system of arrangement will be quickly perceptible. For instance, if an insect is attacking your Asparagus, by referring to the list of vegetables, you find that it is the beetle that is causing the devastation; after the name of this insect are the numbers 14 and 18, which are the numbers of the remedies that are best suited to destroy it.

Garden Vegetables. Asparagus, beetle 14, 18; Beet, rust, 29, 30; Cabbage and Cauliflower, worm or slug 9, 16, 18; cutworm 15; Flea Beetle, 13, 15, 20, 20, 18; Maggot, 21, 23; Carrot, Worm, 14, 15, 18; Celery, worm, 14, 21, 18, 16; rut 29; Corn, cutworm 15; borer 15; worm 8, 18; Cucumber, worm 8, 18; beetles 12, 18. Egg Plant, potato bug 13, 14, 11, 18; Endive and Lettuce, 16, 18; Melon Squash and Pumpkin, worm 8, 18; bug and beetles 13, 18; root borer 23; leaf rust 29, 30. Onion, maggot 21, 21. Parsley and Parsnip, worm 14, 13, 11, 18. Potato, bug 14, 13, 11, 18; slight 29.

Radish, flea beetle 13, 11, 22, 20, 18; maggot 23, 21. Sweet Potato, sawfly worm 8, 13, 11, 16, 18. Tomato, worm 8, 18. Turnip, flea beetle 18, 20, 13, 11; maggot 23, 21. Small Fruits. Cranberry worm 13, 14, 11. Currants, Gooseberries, Raspberries, worm 8, 10, 11, 11, 18; leaf hoppers 16, 18; rust 28, 29; mildew 30, 32, 31; Grapes, slug 14, 13, 11, 10, 8, 18; flea beetle 14, 13, 11, 18, 10; thrip 22, 19; rose chark 16, 18; black rot and scab 28, 19; mildew 28, 29, 30. Strawberry, slug and worms 8, 10, 18; leaf roller 8, 10; root louse 23, 21.

Fruit & Ornamental Trees & Shrubs. bark louse 5, 12, 26; caterpillar slug, worm, 14, 11, 18; beetles aphid 19, 6, 5, curculio 14, 11; rose chark 16; borers 6; mildew 28, 29; leaf rust 29; scale 5, 10. **Flowering and Ornamental Plants.** aphid or green fly 16, 24, 20, 22, 18; worms, slugs and caterpillars 16, 14, 13, 11, 8, 18; rose bug or chafer, 18; leaf hoppers 26, 18, 19; red spider 5, 4, 22; mealy bug and scale 5, 10; blue root louse 2, 23; thrip 22, 19; rust leaf 38; mildew 33, 31, 30. Hollyhock Disease, 28, 29. **Cotton.** Worm 14, 11, 18. **Lawns.** Ants 1.

REMEDIES FOR INSECTS.

Radish, slug, by mail, 40c. lb.; 10 lb. lots and over by express at 30c. lb.
No. 11. Use in the same as Paris Green.
Paris Green. A poisonous, insoluble powder, indispensable on the farm or garden for preventing the ravages of potato bugs, codlin moth, worms, caterpillars, slugs and bugs. Price, 30c. per lb.; by mail 45c. per lb.; 10 lb. lots, 40c. per lb.
No. 13. Dry. Mix with plaster, flour, or other dullant—one part to 100—apply with duster, bellows or gun.
No. 14. In Solution. Mix 1 lb. to 200 or 300 gal. of water. Apply with pump, syringe or vaporizer.
No. 15. Bait. Mix 1 oz. with 8 oz. of syrup; mix thoroughly with fresh chopped grass or leaves.
Persian Powder or Buhaek. Henderson's Superior Grade. Cheap adulterated grades are worthless. A most effective non-poisonous impalpable powder—so fine that it penetrates the innumerable crevices—for worms, flies, aphids, and almost all kinds of insects—it is very effective—suffocating them by filling up the breathing pores. Price, 50c. or by mail 65c.; 10 lb. and over, by express, at 50c. lb.
No. 16. Dry. Blow on with a bellows or gun.
No. 17. Solution. Dissolve 1 oz. to 10 gallons of water, and apply with syringe or pump.
Slug Shot. A non-poisonous powder and a very popular insecticide—it requires no mixing or preparation, easily applied and not injurious, dangerous to animals, the person applying it or fruits and vegetables treated. Very effective in destroying potato bugs, and bugs, beetles, green and black fly, slugs, worms, caterpillars, etc. (By express or freight only.) Price, per barrel of 235 lbs. net, \$5.00; per ton of 2,000 lbs., \$70.00 in 10 lb. packages, each 50c.; 5 lb. packages, 30c.; in tin canister with perforated top for spraying use, each 1 by mail, 50c.
No. 18. Apply with duster, bellows or gun. 10 to 20 lbs. is sufficient for an acre.
Thrip Louse. A concentrated extract, arsenated, destructive for mealy bug, scale, thrips, bark lice, codlin moth, canker worm, elm leaf worm, beetles, cater-

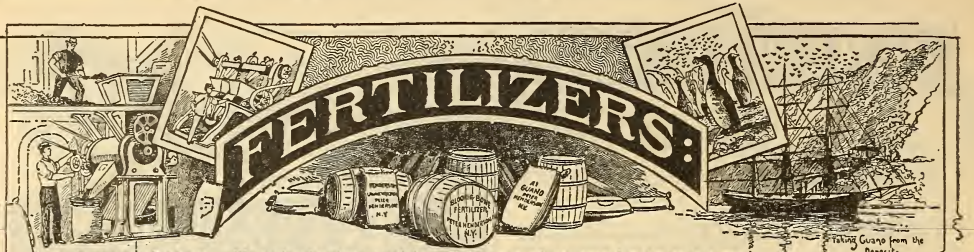
pillars, thrips, etc. Price, 1/2 pint can, 40c.; 1 pint, 60c.; 1 qt., 80c.; 1 gal., \$2.25; 5 gal. keg, \$10.00.
No. 19. Mix 1/2 pint to 25 gallons of water and apply with syringe, vaporizer or pump.
Tobacco Dust, Fine. For green and black aphids, flies, beetles, etc. Price, 30c. per lb.; 1 lb., 40c.; 10 lbs., 75c.; by mail add 15c. per lb. for postage.
No. 20. Apply with duster or bellows.
Tobacco Dust, Coarse. Splendid fertilizer and preventative for insects in the ground and around root. Price, \$3.00 per barrel; per ton, \$25.00.
No. 21. Apply with duster, vaporizer or pump and rake in, or straw thickly in the drills before planting.
Tobacco Extract. A powerful extract of tobacco combined with sulphur for destroying plant lice, red spider, and insects of all kinds. Price, 1/2 pt., 30c.; pt., 50c.; qt., 80c.
No. 22. Dilute 1 part to 10 or more of water and apply with syringe, vaporizer or pump.
No. 23. Dilute as above, and apply with watering pot sufficient to reach the roots.
Tobacco Stems. Indispensable for fumigating greenhouses and conservatories—for the destruction of green and black aphids and other insects. Price, 50 lb. bale, \$1.25; 100 lb., \$2.00; per ton, \$20.00.
No. 24. Dampen thoroughly a few hours before using. Place about a half pound over a handful of shavings in a fumigator, and light.
Tobacco Soap. Effective for green and black aphids, thrip, flies, slugs, barklice, etc. Price, 40c. per lb.; or by mail 50c.
No. 25. Dissolve 2 oz. in a gallon of water and apply with pump, syringe or vaporizer.
White Oil Soap. Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, 30c. per lb.; 5 lb., 25c.; 10 lb., 50c.; 25 lb., 1.00; 50 lb. and over, at 50c. per lb.; by mail, add 15c. per lb. for postage.
No. 26. Dissolve 1/2 lb. to a gallon of water, apply with syringe or spraying pump.
No. 27. Dilute with water to consistency of thick paint, and apply with brush.

REMEDIES FOR FUNGUS, SUCH AS MILDEW, RUST, BLACK ROT, ETC.

Ammoniacal Solution of Carbonate of Copper Concentrated. A famous remedy for fungoid diseases of plants, particularly for grapes, curing downy and powdery mildew, black rot, scab, etc. Price, (by express or freight only) 1 pint bottle, 50c.; qt., 75c.; gallon, \$2.75.
No. 28. Dilute 1 pint to 10 or 12 gallons of water, apply with Knapsack sprayer or Bellows vaporizer.
Bordeaux Mixture. A valuable and indispensable fungicide for grape growers—thereby insuring larger crops and finer grapes, and preventing failure. A sure cure and preventative for black rot, mildew and rust,

also of great value for other plants suffering with kindred diseases. Price, (by express or freight only) 10 lb. keg, \$1.00.
No. 29. Dissolve 10 lbs. to 25 gallons of water, and apply with Knapsack sprayer or vaporizer.
Grape Dust. Hammond's. A non-poisonous powder for the remedy and control of mildew and rot on grapes, gooseberries, roses, etc. Price, (by express or freight only) 5 lb. package, 35c.; 100 lb., \$10.00.
No. 30. Apply with bellows or powder gun.

Sulphur, Flowers of. For the prevention and destruction of mildew on roses and other plants. Price, 50c. per lb.; 10 lb., 60c.; 25 lb. and over, at 50c. per lb.; (by mail add 15c. per lb. for postage).
No. 31. Apply with bellows or gun.
Henderson's Mildew Mixture. A fluid prepared by ourselves and largely used in our greenhouses and nurseries for cure and prevention of mildew on plants. Price, 1 pt. tin, 50c.; or by mail, 75c.
No. 32. Dissolve 1 pint to 100 gallons of water, and spray on with syringe or bellows vaporizer.



Kindling Bones for Fertilizers. We supply only superior unadulterated fertilizers. Our prices, subject to variation, are unusually low, and moreover we make no charge for cartage and placing on board steamers or cars in New York. We shall be pleased to make special quotations to those using large quantities, AND WILL MAIL SAMPLES FREE ON APPLICATION.

HENDERSON'S LAWN ENRICHER.

A fertilizer which we have found to be never failing in inducing a rapid and rich green growth to the lawn. It meets the wants of hundreds who desire a clean, portable and convenient lawn dressing.

Quantity Required. A 10-lb. package is sufficient to cover an area of 300 square feet, or for forming a new lawn, from 1,000 to 1,500 lbs. per acre, or a smaller quantity for renovating an old one.

Prices, 5 lb. package, 30c.; 10 lb. package, 50c.; 25 lb. package, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.75; per ton, (of 2,000 lbs.) \$60.00.

HENDERSON'S PERMANENT PASTURE MANURE.

Especially intended for use on pasture or mowing lands. **Quantity Required.** 1,000 to 2,000 lbs. per acre. **Price, per dbl. or bag of 200 lbs., \$6.00, or \$30.00 per ton (of 2,000 lbs.)**

These are the true phosphatic manures, containing forty to fifty per cent. phosphate of lime and nitrogen equal to about four per cent ammonia. They decompose slowly in the soil and therefore form excellent permanent improvement, being less likely than almost any other kind of manure to waste in rainy seasons, particularly on sandy soils. There is no danger of burning the plants, whether applied as top dressing or directly to the roots. Excellent for top dressing lawns and grass land—for garden and field crops—we also recommend them highly for florist purposes, for rose beds, mixing with potting soil, etc.

Quantity Required. For permanent pasture and mowing lands, $\frac{1}{2}$ to 1 ton per acre. For trees and vines, $\frac{1}{2}$ to 1 quart each. For top dressing 1000 to 1500 lbs. per acre. For garden crops, $\frac{1}{2}$ to 1 ton per acre should be used. For top dressing 1000 to 1500 lbs. per acre.

Ground Bone. This is moderately fine and particularly adapted for general fertilizing purposes, the finer particles are immediately beneficial; the coarse keeping up the supply of plant food for a long period. **Price, per 100 lb. bag, \$3.00; 200 lb. bag, \$5.00; per ton of 2,000 lbs., \$42.00.**

BOWKER'S FOOD FOR FLOWERS.

An excellent fertilizer for house plants. Easily applied by dissolving in water. Clean to handle, without odor, produces rich green growth, and profusion of flowers. **Price, small packages, 12c., or by mail, 30c. Large packages, enough for twenty plants one year, 25c., or by mail, 40c.**

PERUVIAN GUANO

(Lobos-Island Brand.)

One of the most important artificial fertilizers, containing considerable quantities of nitrogen and phosphoric acid as manure phosphate in a soluble form, and is immediately available as plant food. It is estimated that one ton of guano, is equal to twenty of farm yard manure. For grain, corn, root and potato crops it is unsurpassed.

Quantity Required. For field and garden crops 500 to 500 pounds per acre sown broadcast and harrowed in before the seeds are sown; for top dressing grass it should be composed one-fourth guano and three-fourths soil, 1,000 to 1,500 pounds of this mixture should be applied broadcast in the spring.

Price, 1 lb. package, 10c.; (by mail, add 15c per lb. extra), 10 lb. package, 50c.; 25 lb. bag, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.50; 200 lb. bag, \$6.00; per ton of 2,000 lbs., \$150.00.

BONE SUPER-PHOSPHATE.

Benefits the crops more quickly than with any other form of bone, and on account of its readily available properties promotes early maturity, and is its invaluable for most crops, affording constant nutriment during the entire season's growth. In case of rotation of crop it is nearly as valuable for the last as for the first.

Quantity Required. For garden and field crops 500 to 600 lbs. per acre. For garden crops it is best drilled in at seed sowing time. For top dressing grass, 600 lbs. per acre. **Price, per bag of 200 lbs., \$5.00; per ton of 2,000 lbs., \$40.00.**

ROTTEN BONE MANURE.

This is one of the best fertilizers for its price that has ever come under our notice. Mr. Wm. Crozier, who first called our attention to it, states that used on farm crops for mangels, potatoes, turnips, fodder corn, etc., it is one of the most valuable fertilizers that he ever tried. At the low price at which it is sold, it will be seen that it makes an exceedingly cheap fertilizer. One reason why it is sold so low is that it is not ground up as fine as most of the fertilizers that are offered in the market.

Quantity Required. It should be broadcasted on a lawn or in a garden at the rate of 1,500 lbs. per acre. We offer it in two grades, as follows: **Plain, \$2.00 per ton (of 2,000 lbs.); Decomposed with Potash, \$24.00 per ton (of 2,000 lbs.)**

BLOOD AND BONE.

Manufactured of pure blood and bone. This fertilizer is a very concentrated source of nitrogen yielding ammonia, etc., by gradual decomposition and in consequence is superior for prolonged results, it is of exceptional value for garden crops, for mangels, turnips and other root crops, and also for corn, grain and grasses, for fruit trees, small fruits, grape vines, and in fact all kinds of vegetation and all soils, but especially so on light soils.

Quantity Required. When applied broadcast and harrowed in from $\frac{1}{2}$ to 1 ton per acre should be used. For garden crops it can be applied in the drill, 300 to 500 lbs. per acre.

Price, per barrel of about 200 lbs., \$5.00; per ton of 2,000 lbs., \$45.00.

BONE FERTILIZERS.

Pure Crushed or Coarse Bone. This is largely used for pasture lands, being rather slow but permanent in action, and it is also indispensable in the preparation of grape vine borders for fruit trees, small fruits, etc.—where a lasting fertilizer is required.

Price, per 100 lb. bag, \$3.00; 200 lb. bag, \$5.00; per ton of 2,000 lbs., \$45.00.

ASHES.

Canada Unleached Hard Wood.

These contain all of the fertilizing elements except nitrogen. The carbonate of lime in these ashes is worth five times as much as stone lime, being much more soluble and easily assimilated by plants. Ashes correct sourness in the soil, rendering sandy soils more capable of retaining fertilizers and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops, and are of high value for cabbages, potatoes, onions, strawberries, fruit trees, corn, clover, wheat, beans, grass lands and lawns.

Quantity Required. Ashes should be applied in considerable quantities, 1 to 2 tons are more any application will help much more than the same quantity mixed, applied in fractions.

Price, per 100 lb. of about 200 lbs., \$3.00; per ton of 2,000 lbs., \$24.00.

LAND PLASTER OR GYPSUM.

It is an excellent addition to land requiring lime and sulphates, particularly for such crops as turnips, potatoes, grasses and clovers. Its fertilizing action is not so much due to its value as a plant food, as to its absorbing and fixing ammonia and rendering soluble the inert plant foods of the soil so the growing crops can take them up.

Quantity Required. Broadcasted and harrowed in $\frac{1}{2}$ to 1 ton per acre. **Price, \$2.00 per barrel of about 80 lbs.; in 10 barrel lots, at \$1.75.**

NITRATE OF SODA.

This is valuable solely for the nitrogen it contains, equal to twenty per cent of ammonia. It is chiefly a stimulant, and in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two

weeks, and besides renders the mineral plant food of the soil more assimilable. It is valuable for grain, fodder corn, sugar beets, potatoes, grasses, peas, beans, clover, etc., and is generally an effectual remedy for clover sick land.

Bone Meal, Flour or Dust. This is ground very fine, decomposes more rapidly in the soil than coarse grades, and is therefore more quickly beneficial. **Price, 1 lb. package, 10c.; (by mail, 15c. per lb. extra.) 5 lb. package, 30c.; 10 lb. package, 50c.; 25 lb. bag, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.50; 200 lb. bag or barrel, \$6.00; per ton of 2,000 lbs., \$45.00.**

Quantity Required. Being extremely soluble it should not be applied until the plants are above ground, when 100 to 150 pounds per acre, mixed with wood ashes or land plaster, for convenience in applying is generally used.

Price, per bag of about 300 lbs., \$9.00; per ton of 2,000 lbs., \$55.00.

SULPHATE OF AMMONIA.

Contains nitrogen equal to twenty-five per cent ammonia. It is one of the most concentrated forms in which ammonia can be applied, and is at the same time one of the most active and readily available forms. For grain, corn, potatoes and other crops it is used to great success.

Quantity Required. 150 to 300 lbs. per acre, mixed with wood ashes for convenience in applying, and harrowed in and covered with soil to prevent escape in the atmosphere.

Price, per bag of 200 lbs., \$9.00; per ton of 2,000 lbs., \$80.00.

POTASH MANURE.

Potash is a valuable addition to other manures, for a considerable number of crops, especially for grain, grasses, clover, beans, peas, mangels, turnips and potatoes.

Quantity Required. It is best applied in the spring at the rate of 100 to 200 lbs. per acre mixed with superphosphate or other fertilizers.

Muriat of Potash. Contains 50 per cent. actual potash. **Price, per bag of about 224 lbs., \$6.50; per ton of 2,000 lbs., \$50.00.**

Sulphate of Potash. Contains 26 per cent. actual potash. **Price, per bag of about 224 lbs., \$5.00 per ton of 2,000 lbs., \$40.00.**

WE ALSO SUPPLY ALL OF THE MAPES CELEBRATED FERTILIZERS.

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Tree
= Seeds



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

HERE 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. 10 cts. package; 20 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. oz.; 50 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. package; 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, used for inside work. 10 cts. package; 20 cts. oz.; \$1.50 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.

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

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

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. package; 25 cts. oz.; \$2.00 lb.

Birch, Paper or Camoe (*Betula papyracea*).—A large, rapid growing tree, with brilliant white bark. Effective for landscapes. Wood hard. 15 cts. pkt.; 25 cts. oz.; \$2.00 lb.

Blue Gum, or Fever and Ague Tree (*Eucalyptus globulus*).—Famous for its rapidity of growth. A valuable tree for the extreme South. 10 cts. package; 50 cts. oz.; \$6.00 lb.

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. 30 cts. quart; \$2.00 peck.

China Tree, or Pride of India (*Melia azedarach*).—A handsome, rapid growing tree, about 40 feet in height. A favorite in the South for a shade tree; not hardy north of Virginia. 10 cts. package; 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. package; 25 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

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. 10 cts. oz.; \$1.00 lb.

Dogwood, White Flowering (*Cornus florida*).—A beautiful small tree; foliage of firm, rich texture, and in the fall colors crimson. 15 cts. oz.; \$1.00 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. Nut thin shelled and highly prized. 35 cts. qt.; \$1.50 pk.; \$4.00 bushel.

Horn Bean, American Hop, Iron Wood or Level Wood (*Ostrya Virginia*).—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. package; 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. 15 cts. ¼ lb.; 35 cts. lb.

Kentucky Coffee Tree (*Gymnocladus Canadensis*).—A large, noble, ornamental and shade tree, of rapid growth. A desirable park tree. 10 cts. package; 20 cts. oz.; 80 cts. lb.

Larch, European or Tyrolean (*Larix Europaea*).—The great timber tree of Europe. Hardly, 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 triacanthos*).—A large, handsome, ornamental tree. Wood hard, heavy, and useful for many purposes. Valuable for hedges, the branches being covered thorns. 10 cts. package; 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.; 60 cts. 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. Wood close grained and valuable. 10 cts. pkt.; 20 cts. oz.; 75 cts. lb.

Maple, Sycamore (*Acer Pseudo-platanus*).—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 tree, of moderate growth when young, but valuable for forest and shade. 10 cts. package; 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. 10 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Mulberry, White (*Morus alba*).—A small, slender tree of rapid growth. 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. package; 30 cts. oz.; \$3.00 lb.

Magnolia, Grandiflora.—Massive foliage, large, white fragrant flowers. 10 cts. package; 25 cts. oz.; \$2.00 lb.

Oak, Scarlet (*Quercus coccinea*).—A handsome tree

DECIDUOUS TREES—Continued.

Pecan Nut (*Carya ovata* Formis).—Attains a large size, particularly in the bottom lands of the Southwest. Wood similar to the Hickory, and very valuable. 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. 10 cts. package; 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. package; 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. package; 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 C. noe Wood (*Liriodendron tulipifera*).—A fine, large, ornamental tree, of tall, pyramidal form. Grows rapidly, clean and straight. Wood light, and much used for interior work. 10 cts. package; 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. 20 cts. quart; \$1.50 peck; \$4.00 bushel.

Willow, Golden (*Salix vitellina*).—Bright golden branches of striking effect. Good for baskets and tying. 10 cts. package; 25 cts. oz.; \$2.00 lb.

Willow, White (*Salix alba*).—A rapid growing, attractive and useful tree. 10 cts. package; 25 cts. oz.; \$1.75 lb.

Willow Wood (*Chrysalidius tinctoria* or *Virgilia alba*).—A beautiful tree, growing tall and straight, with a broad, round head. 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. package; 80 cts. oz.; \$8.00 lb.

ORNAMENTAL SHRUBS AND HEDGE PLANTS.

Asiatic Bladder Nut (*Staphylea helvetica*).—One of our finest early flowering shrubs. 15 cts. pkt.; 40 cts. oz.; \$1.00 lb.

Bitter Sweet (*Celastrus scandens*).—A hardy native climber, leaving during bright yellow in the fall, with clusters of orange colored fruit. 10 cts. package; 20 cts. oz.; \$1.75 lb.

Honeysuckle, Japan (*Lonicera brachy-poda*).—A vigorous climber; flowers yellowish white in June. 10 cts. pkt.; 40 cts. oz.; \$4.00 lb.

Mountain Laurel (*Kalmia latifolia*).—One of the most beautiful of our native shrubs, growing about 10 feet high; flowers white and rose. 15 cts. package; \$1.00 oz.

Laburnum or Golden Chain (*Cytisus Laburnum*).—A very ornamental, moderate sized tree, with long, drooping, showy yellow flowers. 10 cts. package; 20 cts. oz.; \$1.25 lb.

Lilac, Purple (*Syringa vulgaris*).—Our common variety, one of the very best. 10 cts. package; 25 cts. oz.; \$2.00 lb.

Lilac, White (*Syringa vulgaris alba*).—One of the best white varieties. 10 cts. package; 25 cts. oz.; \$2.00 lb.

Osage Orange (*Maclura aurantiaca*).—A coarse growing shrub, and very thorny. Largely used for hedges, and is a fine lawn plant. 10 cts. oz.; 50 cts. qt.; \$9.00 bush.

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. 15 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Strawberry Scented Shrub (*Calycanthus floridus*).—A handsome, hardy shrub, growing 4 to 6 feet high, with deliciously strawberry scented, maroon colored flowers. 10 cts. package; 20 cts. oz.; \$2.00 lb.

Syrax, Japan (*Syrax Japonica*).—A low growing shrub, flowers white, bell-like, hanging under the branches on long stems. 15 cts. package; 30 cts. oz.; \$3.00 lb.

Tamarisk (*Tamarix gallica*).—A strong slender growing shrub, with feathery foliage, and small, fringed, delicate pink flowers. 25 cts. package; 75 cts. oz.

White Fringe (*Chionanthus Virginica*).—A medium sized, choice lawn shrub, with pure white, long feathery or lace-like flowers in June. 15 cts. package; 50 cts. oz.; \$5.00 lb.

Weigelia, Rose Colored (*Weigelia rosea*).—A vigorous June blooming shrub, with fine rose colored flowers. 25 cts. package; \$1.50 oz.

Rhododendron, maximum.—A native species, flowering from May to July; flowers white and pink, perfectly hardy. 15 cts. package; \$1.50 oz.

Rhododendron, Mixed.—Handsome, hardy shrubs; rich leathery evergreen foliage, and large heads of gorgeous flowers. 25 cts. package.

EVERGREEN TREES.

Arbor Vitae, American (*Thuja occidentalis*).—A small tree, popular for hedges, screens, etc. 10 cts. package; 30 cts. oz.; \$2.75 lb.

Arbor Vitae, Siberian (*Thuja Siberica*).—More compact, and of deeper color than the American. Splendid for hedges. 15 cts. package; 60 cts. oz.; \$6.00 lb.

Cedar, Deodar or Indian (*Cedrus deodara*).—A noble and beautiful evergreen, of pyramidal form. Foliage silvery green, graceful and drooping. 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. package; 15 cts. oz.; \$1.00 lb.

Cedar, White (*Chamaecyparis Thuyoides*).—A well known, large growing tree, 40 to 80 feet high. Wood light, fine grained and durable. 15 cts. package; 50 cts. oz.; \$5.00 lb.

Fir, Japan Silver (*Abies firma*).—The most vigorous and hardy of the silver firs. Compact and pyramidal in form. 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. 15 cts. package; 50 cts. oz.; \$5.00 lb.

Fir, Silver Cephalonian (*Abies Cephalonica*).—A beautiful species from the mountains of Greece. A free grower, quite hardy. 15 cts. package; 35 cts. oz.; \$3.00 lb.

Fir, Nordmann's (*Picea (Abies) Nordmanniana*).—Hand some, hardy and highly prized. Massive, dark foliage, silvery below. 15 cts. package; 35 cts. oz.; \$3.00 lb.

Fir, Pinsapo or Spanish (*Picea (Abies) pinsapo*).—Remarkably handsome. From the mountains of Spain; leaves borne in whorls. 15 cts. package; 40 cts. oz.; \$4.00 lb.

Hemlock (*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. 15 cts. package; 40 cts. oz.; \$4.00 lb.

Juniper, Irish (*Juniperus communis Hibernicus*).—A close, upright growing tree, with silvery foliage. Handsome for columnar effects. 10 cts. package, 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 timber. 15 cts. package; 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. package; 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. package; 40 cts. oz.; \$4.00 lb.

Pine, White or Weymouth (*Pinus strobus*).—A stately, and valuable tree. Wood white, and the most extensively used for lumber of any tree in America; fine ornamental tree. 10 cts. package; 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. package; 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. 10 cts. package; 15 cts. oz.; 75 cts. lb.

Pine, Scotch (*Pinus Sylvestris*).—A handsome, well known variety. Open, pyramidal form, foliage dark green. Rapid grower and distinct. 10 cts. package; 25 cts. oz.; \$2.00 lb.

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. 25 cts. pkt.; 75 cts. oz.; \$7.00 lb.

Spruce, White (*Picea (Abies) alba*).—A beautiful, compact and symmetrical tree, about 50 feet high. Endures Wood tough, flexible, and used for spars, masts, etc. 15 cts. package; 40 cts. oz.; \$4.00 lb.

Spruce, Norway (*Picea (Abies) excelsa*).—A favorite ornamental tree, of rapid growth and graceful habit. One of our best evergreens. 10 cts. package; 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. package; \$2.00 oz.

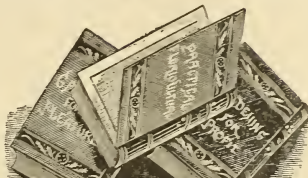
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a full description
see page 8



The Great
"400" Tomato
of 1891

Name suggested for
New Tomato "No. 400." }
Name suggested for
your choice, as we will not consider
one unless sent in on the following form:
Roxbury, Pa.
Your own name
Town, George Summit
County, Chester Co.
State, South Carolina.

Two smile of one
of the prize winning
packets.