

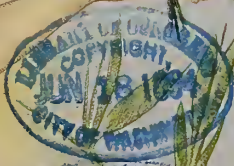
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VAUGHAN'S SEED STORE

88 State St
and 146 & 148
W. Washington Street
CHICAGO.



Gardening is an
Employment for which
no man is too high
or too low

62123
SEB 1894
VAUGHAN'S
1894
GARDENING
Illustrated

Vaughan's
California
Mammoth

SWEET PEAS.

The entire collection of 20 beautiful sorts, (for names see other side and one pkt. of the new white sweet pea, Emily Henderson, one large pkt. each, for \$1.00 postpaid, (retail price, \$1.40.)

VAUGHAN'S PRIZE MIXTURE contains all the above

18

and 20 more sorts. Our Sweet Peas were

Per 100, 2 for 20c; 7 for 50c; oz. . . . 2 oz.



Our Colored Cover Collection of CALIFORNIA MAMMOTH SWEET

WHILE nearly all the following varieties are of English origin, productions of that famous hybrid Eckford, the seed we offer has been grown in California for several seasons and possesses much greater vitality than imported seed, but produces much larger flowers and in greater abundance. The cut flowers of Sweet Peas, which we displayed at our World's Fair exhibits elicited the greatest admiration from all who saw them, they were grown from Californian seed and we were awarded a grand medal for our

- 1 DUCHESS OF EDINBURGH.—Very beautiful, standard light scarlet splashed with crimson margined at the edge with cream-white, wings tipped with rose. Pkt., 5c.; oz., 15c.
- 2 ORANGE PRINCE.—A decided orange, shaded rich pink and flushed scarlet, wings pink, we attracted more attention than any other variety in our World's Fair exhibit. Pkt., 10c.; oz., 20c.
- 3 APPLE BLOSSOM.—The standards are bright rosy pink, the wings bluish, a beautiful shade. Pkt., 5c.
- 4 LOTTIE ECKFORD.—Large pure white, edged lavender, the most pleasing combination. Pkt., 5c.
- 5 BUTTERFLY.—White laced with lavender; very charming. Pkt., 5c.; oz., 10c.
- 6 WAVERLY.—Rosy claret shaded standards, pale blue wings, shaded with rose. Pkt., 5c.; oz., 15c.
- 7 PRIMROSE.—Unique and entirely distinct. The standards and wings being pale primrose yellow we have the nearest approach to a yellow Sweet Pea. Pkt., 10c.; 3 for 20c.
- 8 RED AND WHITE STRIPED.—Very pretty combination. Pkt., 5c.; oz., 10c.
- 9 THE QUEEN.—Standards soft deep pink, wings mauve, three flowers on a stem. Pkt., 5c.; oz., 10c.
- 10 THE SENATOR.—Standards chocolate shaded with creamy white; flowers finely expanded. Pkt., 5c.
- 11 QUEEN OF ENGLAND.—A new white variety of extra large size and good substance. Pkt., 5c.
- 12 PURPLE PRINCE.—Maroon standards, shaded with bronze and purple, blue wings; distinct. Pkt., 5c.
- 13 MONARCH.—Bronzy crimson standards with rich deep blue wings; a very large and fine sort. Pkt., 5c.

- 14 MISS BLANCHE FERRY.—A new Sweet Pea of great merit. Immense pink and white flowers of perfect form. Fully ten days earlier than any other sort; of dwarf, compact growth, requiring no support, a most profuse bloomer. It produces more flowers than any other variety, the vines being completely covered with them, and continues in bloom longer than any other. Pkt., 5c.; 3 for 12c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00, postpaid.
- 15 CARDINAL.—The brightest colored of all. Flowers brilliant carmine, large and produced in great abundance, a really grand sort. Pkt., 5c.; oz., 15c.
- 16 PRINCESS OF WALES. A very distinct variety, shaded and striped with mauve on white ground. Pkt., 5c.; oz., 15c.
- 17 EMILY HENDERSON.—Pure white. A sport from Blanche Ferry with the very free-flowering habit of that sort; often has three flowers on a stem, it does not equal Mrs. Sankey, but is very white and of great substance. Give it highest culture for best results. Pkt., 10c.; 3 for 20c.; oz., 40c.

- 17 SPLENDOR.—The most brilliant red sort. Pkt., 5c.; oz., 15c.
- 18 BOREATTON.—A very dark Pea with broad stout flowers, the being a rich shining bronzy crimson, wings of beautiful crimson purple with rose. A beautiful sort. The darkest in cultivation. Pkt., 10c.
- 19 MRS. GLADSTONE.—A singularly pretty sort. The wings delicately edged with pink, standards rosy pink. Pkt., 10c.; oz., 25c.
- 20 GRAND BLUE.—(IMPERIAL BLUE.)—The wings are pure bright slightly shaded with mauve, the standard is a deep, rich purple tone with rose. The best blue sort grown. Pkt., 5c.; oz., 15c.

The entire collection of 20 varieties and one packet of Emily Henderson, one large packet each, for \$1.00, postpaid. Two collections (ordered at one time), \$1.80. Three collections (ordered at one time), \$2.40, postpaid. (No discount allowed on these)

25 Vaughan's Prize Mixture of Sweet Peas.—Contains besides all the above, 20 more sorts, and will furnish flowers to the delirious astonishment of every beholder. Price per large pkt., 10c.; 3 for 20c., 7 for 40c.; oz., 20c.; 2 ozs. for 30c.; ¼ lb., 50c.; lb., \$2.00; 3 lbs. for 5.00, postpaid.

\$250.00
- IN -
CASH
PREMIUMS
- FOR -
Vegetables
- FROM -
VAUGHAN'S
SEEDS.



MONEY IN GROWING VEGETABLES.

Even if the times improve with the opening of spring as all expect, there will still be a deal of part of every owner of a garden to grow a crop always available for home use as well as of certain Cash Value. What to plant that will do this is the question asked year and never more anxiously than now.

We feel that our customers naturally search "Gardening Illustrated" for hints in this direction, and among other varieties to grow which will be found farther on in this book we place the *Onion Money Maker*. Always available for food, always salable at a profit at some time during the season, the best of Onions grown from seed may certainly be considered a safe venture. Place your order in the

We are disposed this season to meet the demand for this variety in any experiment towards *MAKING MONEY IN THE MARKET GARDEN*, we have therefore decided to offer it at a price simply Vaughan's.

Fancy Yellow Globe

at exceptionally low prices for this purpose. It is worth 10 cents is advanced to you.

\$250 in Cash premiums for large quantities. It is an immense yielder, 700 bushels per acre. It ripens early, the entire crop drying down at one time and is a long-keeper. The shape is uniformly round, size large and color brown orange yellow. No Market Gardener can afford to experiment with poor seed when this stock can be had at these panic prices.

We offer \$200 for greatest yields from one pound of seed purchased at either of our stores in Chicago or New York or by mail. First Prize, \$100.00, for the largest yield. Second Prize, \$60.00 for the 2nd largest yield. Third Prize, \$40.00, for the 3rd largest yield.

That our private customers who use smaller quantities than the above also have an opportunity and to "give the boy a chance" we offer for largest yield one ounce of seed: First Prize, \$25.00; Second Prize, \$15.00; Third Prize, \$10.00. The conditions to be the same in both competitions. Our Onion seed

See our "Bargain Page".

Best number of AWARDS IN
HORTICULTURE
 AT THE WORLD'S
COLUMBIAN
EXPOSITION

28 BRONZE MEDALS



THE WORLD'S COLUMBIAN EXPOSITION has been a triumph, not alone for Architecture, Electricity, Science and Art, it has recorded the wonderful advances in all these, but it has proven even a greater opportunity for Horticulture. Who does not recall the grandeur of the scene when viewed from the lofty Manufacturers' Building? Who can but admit the wonderful embellishment and heightened effect here produced by the great Art of Gardening?

The true reproduction of the natural in the trees, shrubbery and borders of the Wooded Island and adjacent lagoons, the flower beds in the horticultural section, the shaven green of the sunken parterres formed a rich setting for the splendid architectural jewels of that White City. Unquestionably the Art of Gardening here exemplified, contrasting man's work in nature with man's grandest material creations placed the Columbian Exposition in front of all its predecessors.

How restful to the eye were the green lawns and the Wooded Island walks after the glare of much stone and brick! Such rest comes to the tired eyes and brain of a worker worn with other duties, who turns to gardening as a recreation and a relief. -- Shall we not then claim much for Gardening in the Columbian year as

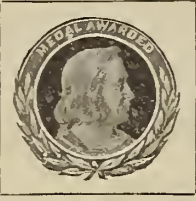
Art, still more for it as a healthful recreation and lastly as offering a grand opportunity to combine pleasure and profit at a time when they have much need to come together.

Just here is another and perhaps more utilitarian direction in which we may claim much for Gardening, -- the recent reaction in all lines of trade, and consequent closer economies which must be put in practice and which come in no slier, better or more satisfactory way than through the home garden, -- how much can be produced on a few rods of ground has often been told. Is not the most certain, direct and unquestionably honest way to create wealth to produce soil? -- **"Put your money in the ground"** in the form of seeds and watch the wonderful transformation, aided by air and sunshine, into products which sustain life and make it also worth the investment of 1894 a season when both duty and inclination urge that the soil be cultivated, that every corner and hedgerow be persuaded and compelled to give forth its natural and reasonable fruits or flowers? What a wonderful amount of actual wealth could thus be added to the resources of the country by concerted action the coming Summer. All this can be done with little or no extra expense for labor or soil beyond what is often wasted or unused.

Our displays at the World's Fair were made as most of our readers know, in many departments and **we were so fortunate as to secure 28 awards.** We may mention among the very satisfactory displays we made, that of our Columbian Lawn Grass Mixture in various parts of the grounds, Clothilde Soupert Rose in the rose garden on the Wooded Island, Gladiolus in bloom in rare varieties at the same place. Pansies in bloom in several beds at the West End of the Horticultural Building. Gladiolus in bloom near the same section.



Double Tulips in bloom, east side of the Horticultural Building around the fountain. Grand display of new and rare Cannas in the same beds from June 20th to November 1st. General display of Chrysanthemum plants and cut flowers at the World's Columbian Chrysanthemum Show, November 4th. Cut flowers of Dahlias, Gladiolus, Asters, Sweet Peas a continuous display from the day these began flowering until the close of the show, at our Seed Pavilion, north end of the Horticultural Building. General Seed display at the same stand. Display of Vegetables October and general display of Horticultural Implements. On these different given 28 awards---the highest number to any firm in Horticulture.



in September and exhibits we have been For 1894 our in connection with the desired. The description to form an intelligent

Vegetable Seed Department has been again carefully revised. It now contains, specialty pages (on yellow paper) as complete a list of vegetables as can be tions are carefully written and such comparisons made as enable the reader conclusion as to what will best *meet his own needs*.

Our standard of varieties we hold high and drop from our list those of doubtful merit or those we have superseded by improved kinds. Our standard in quality of stocks is most critical. We avoid all doubtful or cheap sources of supply, paying for our Onion, Cauliflower, Cabbage we might purchase at if we would venture the risk stantly increasing growth of our business east and the best evidence that Vaughan's seeds *not only*



The seed crops the past year have been in true of crops affected by the drought during the on our imported seeds like Radish, Mangels, Beets, Pea and Bean are especially short on account of drought. The question of Onion seed supply is always an important one. Some growers have a considerable stock of Red and one or two kinds of Yellow held over from 1892 crop. Our customers will do well to be sure that they are buying 1893 crop seed this year and look out for too low prices on Onions. White, both Portugal and Globe are short and the imported stock will no doubt be again offered at low rates. Reliable American grown seed White cannot be sold less than three or four dollars per pound. The supply Vine seeds is good. The seed is well ripened and we have splendid samples customers new and old should remember that our book "Vegetable Garden" on all leading kinds is now supplied free on all orders amounting to 35c. and

Our Cash Prizes, offered on second cover page for *largest yields* we trust bring out wide extended rivalry. All contestants can rest assured that whoever may receive these prizes, every one will possess a good crop of Onions, itself a profitable venture.



of the former variety of these two kinds of of Sweet Corn and of those stocks. Our with full cultural hints upwards, of Onions will, we

Lower Express Rates. The heavy charges heretofore made by the express companies have prohibited many people from having plants sent otherwise than through the mail. During the past year the various companies have agreed to carry plants by express at 20 per cent. reduction from former rates and we cannot impress the fact too strongly that larger and better plants are invariably put into orders if sent by express.

—* BUSINESS RULES—PLEASE READ CAREFULLY. *—

How to Order.—We do not send Seeds, Plants, Bulbs or Potatoes C. O. D. Write your Name, Post Office, State and your Express Office plainly with black ink, on every order and every time you write to us. Give plain shipping directions, where none are given we use our best judgment, but it must be at your expense and risk. See instructions marked: **Very Important** at bottom of this page.
Prepaid.—Prices given in this catalogue usually include prepayment by mail on **Seeds and Plants** (not tools unless so marked) *except* where offered "by express," then it is meant that the purchaser is to pay charges.
Warranty.—We test all Seeds before sending them out, but in case they fail to grow when tested by purchaser, we will replace them or give value in others, but can in no manner warrant the crop or be responsible for other failures. We will not be responsible for failure of Grass Seeds, in any manner nor for the successful flowering of dormant bulbs or roots.
Perishable Stock.—Onion Sets, Sweet Potatoes, etc. are sold and shipped only at buyer's risk. For damages arising from delay or from heating while in transit we will not be responsible.
Prompt Delivery.—If seeds are not received in a reasonable time, send exact copy and number of order, date sent, stating amount of remittance (draft or money order) and the same will be investigated.
Errors.—If stock is not as expected compare with order, read catalogue rules carefully and if we are in the wrong write us at once, giving all particulars as in paragraph above, but do not complain to others until you have given us a chance. Do not return goods until you hear from us.

Remember, sometimes in the busiest season others may have orders ahead of you which must be filled in rotation. Order early.
Please do not mutilate or destroy this catalogue, but if another is wanted or additional order blanks write to us for same.
How to Pay.—Send cash with order as we do not open book accounts for small amounts, and can only send to value of money received, by New York or Chicago Draft, Registered Letter, Money Order, Express Order or Cash by Express, in any of these ways at our risk. Postage stamps are taken as cash. Registered letters are generally very safe and you can send that way from any postoffice and get your receipt by return mail, by which you know it has reached us. **Postal Notes are unsafe.**
Cost of Remitting.—Our customers may select additional Seeds Free, with every order of \$1.00 or more, to the amount of the cost of the money order, registered letter or other remittance.
Very Important.—We aim to fill your orders immediately, and you can greatly aid us in making them out on our Order Sheet, as follows:
 1. Place the quantity wanted before each article.
 2. Use one line for each kind ordered.
 3. As nearly as possible make out your list in the same order in which the seeds are catalogued, beginning at the first.
 4. Kindly use special order sheet for plant order.
Address.—If you forget our Street and Number, address simply **Vaughan's Seed Store, Chicago or New York.** It will reach us.

SPECIAL NOTICE.—We do not fill any PLANT Orders for less than 50 cents by mail, unless 10 cents is added to pay postage. Seed Orders however, may be sent for any amount, and will be filled without extra charge.

We issue the following Catalogues and Price Lists during the Year.

- January 10--Market Gardeners' Catalogue.
- " 10--Trade List of Seeds and Tools.
- " 15--Gardening Illustrated [this one.]
- " 20--Florists' Book of Seeds, Plants, Bulbs and Supplies.

- June 1--Price List of Vegetable Plants.
- August 15--Florists' Fall Catalogue of Bulbs, etc.
- September 15--Retail Catalogue of Bulbs, etc.
- November 15--Special Price List of Holly, Green, etc.

J. C. VAUGHAN, }
C. CROPP.

Vaughan's Seed Store

NEW YORK, 26 Barclay Street.

146 and 148 Washington Street, CHICAGO.
City Store: 88 State Street,

Some SPECIALTIES OF MERIT

in VEGETABLES FLOWERS and FRUITS

On the next dozen pages will be found varieties which we deem worthy of special mention for 1894. We have chosen in Vegetables and Small Fruits such of the *best Money-Making kinds* as we have found of real value, believing our customers will be especially glad this year to welcome such as promise *profit as well as pleasure* in the good old occupation of gardening.

WARREN BUSH BEAN.

THIS was offered for the first time last year, and described as the *richest flavored of all bush beans*. This praise, coming from very high authority on gardening matters, we took special pains to get familiar with this variety and its merits, and we found that it is not only of *excellent quality*, but also a very productive sort. The pods are large, pulpy and stringless. We recommend this Bean to all who want *something real good*. Pkt., 10c.; 3 for 25c.; pint, 30c.; quart, 55c., postpaid.

NEW STRINGLESS GREEN POD

BUSH BEAN.—(BURPEE'S.)

IS described as the only absolutely stringless green-podded Bean in the market to-day, and is even earlier than the Long Yellow Six Weeks, while the pod is round and full and larger and straighter than that of the Red Valentine. In quality it is superior to most other bush beans in cultivation. Pkt., 15c.; 2 pkts. for 25c.

NEW EXTRA EARLY MARKET BEAN.

A NEW Bean of great promise. An exceedingly vigorous and healthy grower and enormously productive; as many as 35 to 40 pods are often found on a single plant. It is rust proof to a remarkable degree. The pods are long, perfectly round and very solid-fleshed, light green. We can recommend this Bean very highly. Pkt. (25 beans), 10c.

SAVOY CABBAGE, DE VERTUS

ONE of the largest of its kind. It is an excellent variety for fall and winter. The heads are large and firm; flavor excellent. This variety is grown on a large scale around Paris, and it might be truly said that mountains of this cabbage are sent to the Central Market at Paris during the winter. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., 3.00, postpaid.

STEIN EARLY FLAT DUTCH

... CABBAGE ...

REMARKABLY fine strain; a sure header, the heads weighing from ten to twelve pounds, are of even size, solid, and of good flavor. We consider it a very profitable sort for the market gardener. Pkt., 5c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

Early Black Lima Bean.—The earliest Pole Lima. The beans are dark green when cooked, extremely tender and of delicious flavor. The vines are enormously productive. Pkt., 10c.; 3 pkts. for 25c.; pint, 35c.; quart, 65c., postpaid.



CELERY, PERLE LE GRAND.

CELERY, PERLE LE GRAND.

THIS is without doubt the most remarkable novelty in Celery since the introduction of the Golden Self-Blanching. Our photograph gives a good idea of its handsome and attractive appearance. Its beautiful golden heart and rich nutty flavor are unapproached by any other variety, and after three years' trial it has been found to surpass all other celeries as a winter keeper. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.00.

The New Sweet Corn,

EXTRA EARLY VERMONT.

The Market Man's Money Maker.

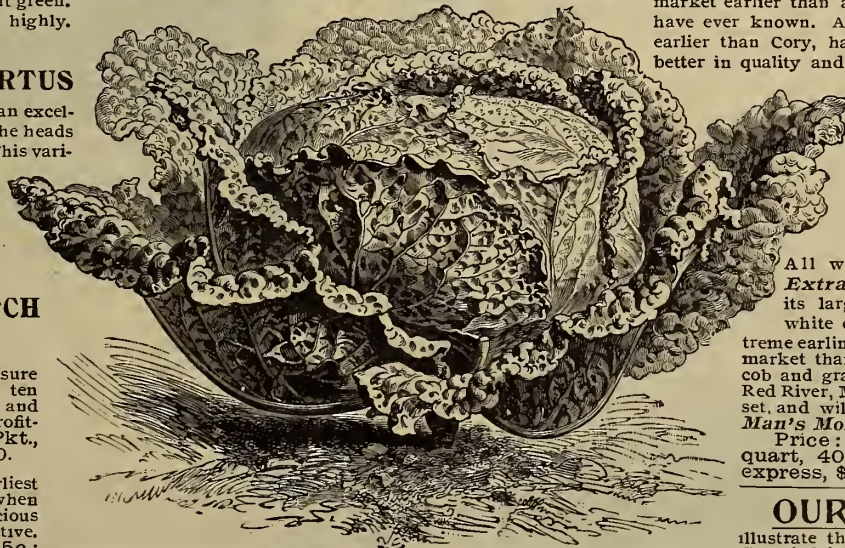
Mr. Ford, of Ohio, says:

"For several years we have been looking for something that would combine all the desirable qualities of a first-class Sweet Corn, and would mature as soon or before the Cory, without objectionably colored cob and kernel and tendency to smut. At last we have in the *Extra Early Vermont* really a new variety, not an old variety improved, but a scientific cross between an extremely early variety and a later sort of the very best quality. The result is a sweet corn of superior quality with a pure white cob 6 to 8 inches long, well filled to the tip with eight rows of very large pure white kernels. It is extremely early, being fit for the table or market earlier than any other sweet corn we have ever known. At least eight or ten days earlier than Cory, having a larger ear, being better in quality and not liable to smut. The

Extra Early Vermont grows very stocky, about five feet high a large proportion of the stalks having two good ears. Market Gardeners can well afford to plant it in preference to any extremely early kind.

All will readily see that the *Extra Early Vermont*, with its large handsome ears, with white cob and grain, and its extreme earliness, will take better in any market than the varieties with a red cob and grain like Cory, First of All, Red River, Marblehead and Narraganset, and will in fact be *The Market Man's Money Maker!*

Price: Pkt., 10c.; pint, 25c.; quart, 40c., prepaid. Peck, by express, \$1.50.

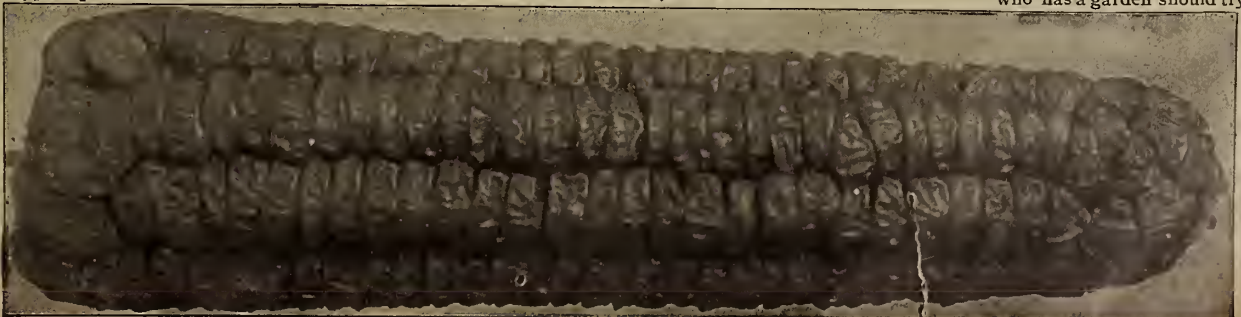


SAVOY CABBAGE, DE VERTUS.

OUR BACK

cover pages describe and illustrate the four best Vegetable Specialties of the season. Everyone who has a garden should try them.

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COUNTRY GENTLEMAN SWEET CORN.

SILVER COIN SWEET CORN.

One of the most profitable sorts for the market gardener.

A NEW Sweet Corn of exceptional merit. The ears are very large and from two to three produced on a stalk. It is fully as early as Stowell's Evergreen and more productive and the ears are more uniformly well filled at the tips. The kernels are broad and deep and of pearly whiteness. There are three points which recommend this sort both to the gardener and private planter: Quality, Productiveness and Size. Pkt., 10c.; pint, 25c.; quart, 40c.; postpaid.

POP CORN, Mammoth Rice. This is a careful selection made by Mr. A. R. Bowen, of Whiteside County, the result of a choice of extra large seed ears for a number of years. It is truly a Mammoth White Rice, many ears being fully 7 inches and over in length. Certainly the best of the variety we have ever seen. It will pay to grow this if you are in the pop corn trade. Pkt., 10c.; lb., (on the ear) 30c.; postpaid.

New Iceberg Lettuce. The handsomest head Lettuce in cultivation. The large curly outside leaves are light green with a slight reddish tint at the edges. The leaves have small indents which are constantly filled with dewdrops, thus keeping them always fresh and giving them a crystalline appearance, hence its name. The ICEBERG is the hardest heading sort we know, the heads must be cut with the knife in order to allow the seed stalks to grow. An excellent Lettuce for the home garden and equally valuable for the market. Pkt., 10c.;

Japanese Climbing Cucumber. PROF. L. H. BAILEY, of Cornell University,

Experimental station, says: "We have found the Japanese Climbing Cucumber to be a strong grower and a prolific bearer." See back cover pages. Pkt., 10c.

Vaughan's Prolific Forcing Cucumber. The English forcing Cucumbers have so far been little grown in the U. S.; just why they have been neglected it is hard to say. Here we have a new type of American origin that is, owing to its handsome fruit and prolific habit, likely to be twice as profitable as the best English Frame kinds. It is early, robust and produces a great abundance of short necked fruit in clusters, two or three at a joint. They have but few spines, color a fine rich green, length 10 to 14 inches, and holding the same uniform thickness from end to end, making it a good sort for early spring and summer sales and first class for market purposes. The culture is as usual; plant a rich sandy fibrous loam. To grow straight uniform fruit, free from seed, keep the bees out of the houses. Three leading grocers of Evanston, Ill., who have sold these cucumbers for two to three years agree in pronouncing them the best ever sold in that market and that the demand often exceeded the supply. Pkt., (25 seeds) 20c.; 3 pkts. for 50c.

Cucumber, "Cool and Crisp". A new sort which we found to possess great merit. In shape they are long, tapering somewhat at both ends; the skin is very dark green, almost black, and covered with knobs upon which the spines set, which gives the pickles a very attractive appearance. They are very early and prolific. As a cucumber for slicing we know of none that is better. Pkt., 5c.; oz., 15c.; 1/4 lb., 45c.; lb., \$1.50.

CUCUMBER, White Wonder. Very hardy and productive. The cucumbers grow about eight inches long and two inches thick; the skin is thin but tough; color ivory white; the flesh is very solid and of very fine flavor, it remains in good condition for a long time. Pkt., 5c.; 1/2 oz., 15c.

Country Gentleman Sweet Corn. The sweetest and most tender of all Sweet Corns.

IT is making rather strong claims by calling this "The Sweetest of All" with varieties like Evergreen and Black Mexican in the field, but this is not only true but in addition to this the Country Gentleman is one of the most productive sorts, the stalks averaging three ears, sometimes they even bear as many as five. The kernels and cob are pure white, the cob is very small and the kernels deep. The ears average twelve inches in length. We recommend this sort both for market and the family garden. Pkt., 10c.; pint, 20c.; quart, 35c.; postpaid.

New Early Champion Sweet Corn.

The earliest large Sweet Corn in cultivation. Pkt., 10c.; pint, 25c.; quart, 40c. (For further descriptions see page 11.)



Stachys Affinis. A new and valuable ground fruit. The tubers look much like Artichokes and the quality is considered good. May be cooked in a variety of ways, fried, roasted, baked or boiled, like potatoes. Remarkably productive in rich soil. They are perfectly hardy and like parsnips and artichokes, are of better quality if allowed to remain in the ground until spring. Tubers, doz., 15c.; 100, 60c.; postpaid.

Remember to ask for our prices on Seed Winter Wheat about August 15th, next.

For Insecticides See special page. For price on "Potato Manure," see Fertilizer page.



SWEET CORN, SILVER COIN, NEW.

COLUMBUS MUSK MELON.

ONE OF THE BEST MELONS FOR SHIPPING, AS WELL AS FOR HOME USE.

THIS is not only one of the best Melons as far as size, quality and productiveness is concerned, but it is also one of the *handsomest* we know. The Melons are nearly round, densely netted with hardly any perceptible ribs; the skin is a beautiful buff color. The flesh is green and *very thick* and solid, leaving only a small seed cavity; *the flavor is of the very best*. The Melons average from 10 to 15 lbs. each and are very solid, never burst and can safely be shipped long distances. They are excellent shippers and keep longer than any other Musk Melon. They ripen with the Hackensack, are heavy yielders and good keepers. Pkt., 10c.; 3 pkts., for 20c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25. postpaid.

New Musk Melon, MELROSE.—One of the best melons for the home and market. It is a hardy and vigorous grower; very productive. The flesh is thick and solid, light green in color. The melons are oval, finely and densely netted, very handsome in appearance and average about four pounds in weight. Flavor excellent. Pkt., 10c.; 3 for 20c.; ½ oz., 20c.; oz., 35c.

New Musk Melon, TIP TOP.—A new yellow-fleshed melon of great merit, which we can recommend to our gardener friends as being "Tip Top" in every respect. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50, postpaid.

New Musk Melon, LONG ISLAND BEAUTY.—On the style of Hackensack. The earliest, the finest in quality and the most beautiful of all Musk Melons. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.10.

New Pea, PARAGON.—A most carefully selected strain of extra early peas for the market gardener ripens all its crop at once and quicker than any extra early we know of. If you want to know what to use to beat every man on the market next year, try a peck or less of the Sunol now and you will have the name of the *quickest Pea on record*. Pkt., 10c.; pint, 20c.; qt., 35c.; by express, pk., \$1.00; bu., \$3.75.

New Pea, HEROINE.—A medium early, green wrinkled variety which is a valuable addition to our second early sorts. It grows very uniformly, about 2½ feet high, bearing a profusion of large, long, pointed pods, containing from 7 to 9 large peas of the finest quality. We recommend it with confidence to our customers, knowing well it will give full satisfaction. Pkt., 10c.; pint, 25c.; quart, 45c., postpaid. See colored plate.

MAMMOTH SANDWICH ISLANDS SALSIFY.—Grows *uniformly* to an extra large size averaging *fully double* the size and weight of roots of the old variety. The roots notwithstanding their enormous size, are of very superior quality and very delicate in flavor. It is such a decided improvement that we are quite sure all market gardeners who try it will use it exclusively. The Salsify is one of the most delicious and nutritious vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited. In the Chicago Market this has proved to be a very profitable crop and we believe the time is here when the gardener who looks a little outside of the deep ruts in vegetable growing and stimulates new trade by offering his customers some of the rarer but desirable kinds like this will profit thereby. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50, postpaid.

PUMPKIN, WINTER QUEEN.—This a new variety offered last season for the first time, as a result of several years' careful selection and improvement of the old well-liked Sugar Pumpkin, and is admitted by all who have grown it, to be the very best pie pumpkin in the market. Its size is uniformly about 9 to 10 inches in diameter. In color a beautiful deep orange yellow, with a very close netting, almost as russeted as a potato. It is a good winter keeper and unequalled as a cooking variety. Pkt., 10c.; 3 pkts., 15c.; oz., 20c.

COLORADO GLASS RADISH.

The flesh of this fine new Radish is so transparent that the name is very appropriate. It is a long Radish light pink in color white tipped and of uniform size. The flesh is crisp and brittle and mild flavored, even if grown to a large size. Has been tested in various parts of the country the past season and voted one of the best Radishes in cultivation. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00, postpaid.

LIVINGSTON ARISTOCRAT TOMATO.

A new bush Tomato much resembling in habit the Dwarf Champion, except in color, the fruits being a bright glossy red instead of purple. Its dwarf habit makes it an excellent variety for forcing, while in the open ground it can be planted much more closely than ordinary sorts. The dwarf varieties of Tomatoes are very profitable and they respond quickly to heavy manuring and good culture. Pkt., 15c.



PUMPKIN WINTER QUEEN



COLUMBUS MUSK MELON.



MAMMOTH SANDWICH ISLANDS SALSIFY.

Musk Melon, NETTED BEAUTY.—One of the very best extra early melons we know. The melons are densely netted without any tendency to ribs; the flesh is pale green, very thick, sweet and of very good flavor; enormously productive. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25., postpaid.

New Pea, PARAGON.—Height three feet; double podded; medium late; long straight pods; six to nine peas. Stubbied, stocky vine with luxuriant foliage; pods light green. Quality superb, not excelled by any pea, and the largest producer known. Pkt., 10c.; 3 pkts., for 25c.; pint, 35c.; qt., 60c., postpaid.

New Pea, NOTT'S EXCELSIOR.—Claimed to be the earliest and best pea now in cultivation. Height 15 inches. As hardy as the earliest market sorts but in quality equal to the Little Gem. It is said to outyield that variety and the American Wonder 20 to 30 per cent. Peas large, fine flavored and tender. Try it with your American Wonder and see if it is not more valuable. Pkt., 10c.; 3 for 25c.

New Pea, BLUE BEAUTY.—Of remarkable even of habit growth, about 21 inches high, the vines growing as smooth and even as a well kept hedge. It is blue, round and nearly as early as the American Wonder, pods medium, but wonderfully profuse. In quality and flavor excellent. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid. By express, peck, \$1.65.



PARAGON PEA.



⊕⊕⊕ Faxon's Brazilian Squash. ⊕⊕⊕

BECAUSE of high praise of this new South American Squash, we made a very careful trial of it on our grounds at Western Springs last season, and though knowing that the variety produced squashes of all shades in green and orange and their variations, we were not prepared to find also a very great diversity of shapes, from the oblong of the Boston Marrow type to the compressed, almost flat, shape of the Turban. This apparently serious admixture tempted us to reject it at once, but after a most satisfactory trial of its table qualities we decided to consult those who had grown it for several seasons, and among others, the veteran seed grower, Mr. E. L. Coy, who wrote to us as follows September 12th, 1893:

MR. J. C. VAUGHAN:

Dear Sir.—In regard to the Faxon Squash, I have had it in my hands ever since its sale by B. K. Bliss. The difference in color is evidently a permanent characteristic of the variety, as all attempts to improve it in that direction have been failures. I find it to be the most productive of any variety of winter squash that I have ever tested. It is also the best keeper, as well as the very best table variety that I have ever seen. Unlike other kinds, they are *all* dry and rich without regard to size, color or time of ripening. I have no personal interest in it whatever, but I would earnestly advise you to catalogue it. Your customers will all thank you for it. Its strong characteristics are, **earliness, long keeping qualities, very superior table quality.**

Yours truly, EDWARD L. COY.

Fully agreeing with Mr. Coy as to its remarkable prolific habit, its sound keeping and table quality, and realizing that the variations in color and shape were matters of smaller moment, we take pleasure in offering it in our 1894 Gardening Illustrated, with a representative photo engraving of several types. We are satisfied that it will become a great favorite for the home garden, for the reasons so well stated by Mr. Coy.

Price: Pkt., 10c.; 3 for 20c.; oz., 30c.; ¼ lb., \$1.25, postpaid.

GREAT FALLS, MONT.—I wish to express my thorough appreciation of the most excellent quality of all your seeds. I bought of some 8 or 10 leading houses in Philadelphia, New York, Rochester, St. Louis and St. Paul, but found your seeds to excel all in vitality and choice quality. W. B. BURLEIGH.

⊕⊕⊕ Chicago Warty Hubbard Squash. ⊕⊕⊕

TO produce perfect specimens of any vegetable, in size, color and form, is the aim of every gardener. Such stock is sure of quick sale on any market, no matter what the competition. A bag of white onions, large, pure white, hard, small necked, dry, appeal to every observer and tempt him to buy if he had not intended to do so. A Hubbard Squash, large, blackish green, hard as wood, with warty knobs all over it, satisfies even the inexperienced observer that it is the best of its class, rich in quality, a keeper and thick fleshed—such will sell at sight, while ordinary small, irregular, poorly colored specimens stay on the stand until they rot. Our strain of the above will produce mainly the type shown in our photo-engraving, which we consider *the* IDEAL HUBBARD for home or for market.

Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.



GOLDEN HEART SQUASH.

GOLDEN HEART SQUASH

THIS new variety originated in Nebraska, and was sent out by the veteran seed grower, Mr. Coy. It is believed to be a sport from Cocoonut crossed with some other medium sized variety. It is very dry and has a sweet chestnut-like flavor, superior to all other early varieties. It is very distinctly heart-shaped and of a beautiful golden color, with dark green stripes in the lobe, as shown in our photo engraving. It is extremely early and exceedingly prolific. Its attractiveness and superior quality will be sure to give it a place in every market and family garden as soon as known. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.

... Lemon-Blush Tomato ...

THIS new tomato originated with Mr. E. S. Carman, editor of the Rural New Yorker. The skin and flesh are a bright lemon-yellow, with a faint rose blush or light crimson tint around the blossom end. Its average size is larger than the "Acme," in shape somewhat broader than deep, and absolutely free of seams, lobes or irregularities. The seeds are notably small and few, the cell walls thick, tender, crystalline and melting—the quality being less acid than that of the red varieties, yet without the insipidity which characterizes the yellow kinds in general. Pkt., 10c.; oz., 45c.

FOWLER, IND.—All the seeds I have ever purchased of you have given the very best results. MRS. J. P. DOYLE.



CHICAGO WARTED HUBBARD SQUASH.

BUCKEYE STATE TOMATO.

THIS is the largest fruited of the Livingston sorts. It averages one half larger than Beauty. Many mammoth sorts have been introduced of late, but on the first trial they are rejected on account of their roughness. When therefore, we state that in addition to its very large size, it is also smooth and uniform, we are sure we have said enough to enlist the attention of Tomato growers everywhere. It is more prolific and abundant in fruitage than the standard sorts now in cultivation. It is unquestionably the heaviest cropper known. The Tomatoes are borne in immense clusters of four to eight fruits, and occasionally ten large fruits have been found on a single cluster. In time of ripening it matures with the *New Stone*. In solidity and meatiness it has no equal, while in luscious quality, none surpass it. The color is much the same as *Livingston's Beauty*, but of a somewhat darker and richer shade, and this together with its very large size, and clear cut outlines, makes it very showy and striking when displayed for sale. In shape it is a little thicker from blossom end to stem, than most other sorts. Pkt., 10c.; 3 for 20c.; ½ oz., 20c.; oz., 35c.

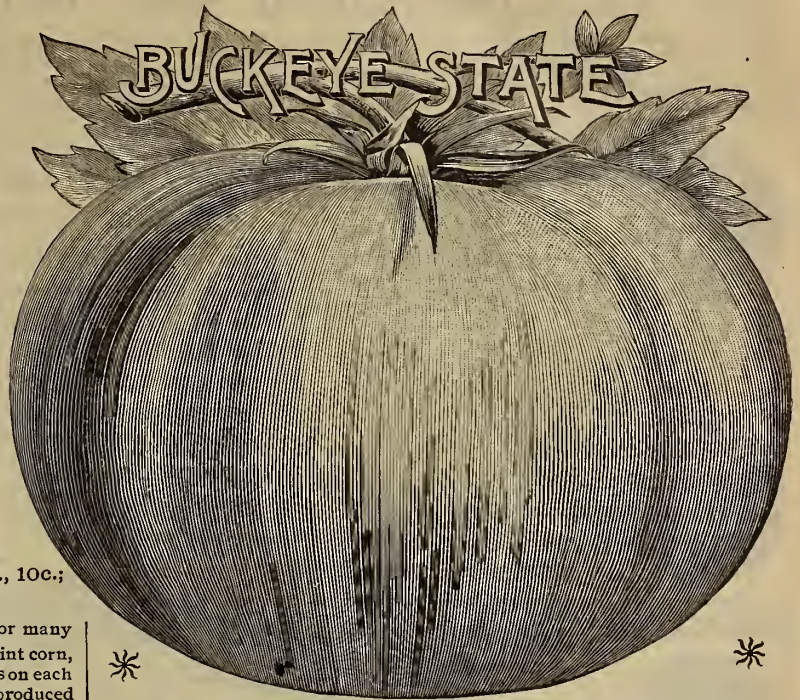
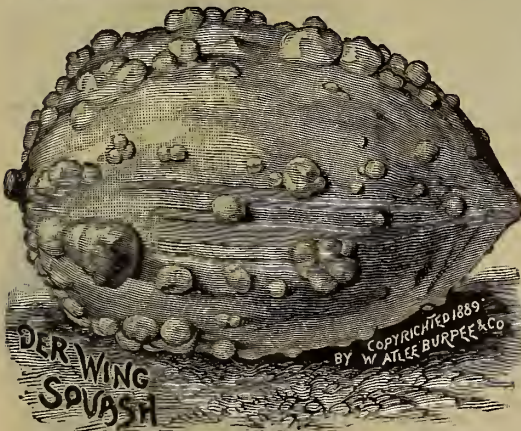
THE DER WING SQUASH.

THE squash grows about five inches long, by from two and a half to three inches thick at the stem end, running to a point at the blossom end. It has a hard and thick shell which is completely covered with warts; the color of the flesh is a very light yellow. The flesh is moderately thick and very sweet when cooked. It is a queer-looking, warty, hard-shelled little squash, with which you could almost knock down a bull. It is very productive and a most excellent winter keeper. Pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

PRIDE OF DAKOTA CORN.—The result of careful selections for many years from the native squaw corn in North Dakota. It is a pure white flint corn, ears 8 to 12 inches long; stalk 6 feet, and two or three well-developed ears on each stalk. Has matured in seventy days in a favorable season. Has produced *Seventy-eight Bushels* per acre. Suitable for *Corn Belt 68°* and South for late planting. Price, pkt., 10c.; per pint, 20c.; qt., 35c., postpaid. By express, ½ pk., 45c.; pk., 75c.

WILL'S GEHU 70 DAY CORN.

THIS is a new hybrid flint corn of a beautiful bright glossy yellow color, claimed to be the earliest valuable field corn. Has won first premium at Dakota State Fair for best yellow seed corn for that climate. It will yield from fifty to seventy-five bushels per acre, and mature in sixty-five to seventy days of good corn weather. Is sweet and very early suitable for *Corn Belt 68°* and south for late planting. Pkt., 10c.; pint, 20c.; qt., 35c., postpaid. By express, ½ peck, 50c.; peck, 90c.



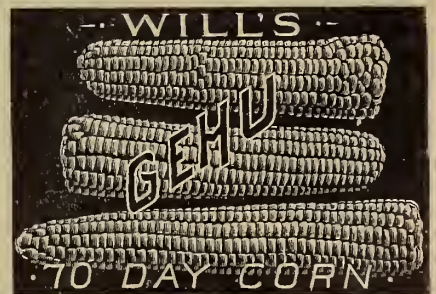
LINCOLN OAT.

AN introduction of last year which has stood the test exceedingly well and proved to be an excellent variety. The following are a few points of excellence: It is *very productive*, having in all instances yielded more to the acre than any other sort grown in the same locality, in one case it yielded *174 bushels* from a *single bushel of seed*. It is *very early* and has thus far proven itself *Rust-proof*. It *stands up better* than any other sort; it is best for feeding on account of its *thin hull, heavy meat and soft nib*. It is best for Oatmeal or grinding for the same reasons. Every farmer should secure enough oats to grow seed for the next year. Price, 1 lb., 20c.; 3 lbs. for 55c., postpaid; by express, at buyer's expense, peck, 50c.; bu., (\$2 lbs.) \$1.50; bag, (2½ bush.) \$3.40; 10 bush., \$12.00, bags included.

Jersey Tree Kale.—A very large and vigorous growing plant presenting when fully grown the appearance of a young tree. They grow up to 6 feet in height; the stem is straight, stiff and strong and becomes hard and woody; they are dried and *made into walking-canes*. The leaves are fed to cattle. The plant is a perennial and will stand a moderately cold winter. A curious plant which however may be more ornamental than useful. Pkt., 10c.

THORBURN DWARF LIMA BEAN.

STILL another Dwarf Lima Bean is introduced this season, and for it among other things the following special merits are claimed: That it grows from 12 to 18 inches high, perfectly fixed in habit, with hardly any inclination to run. Possesses a delicious flavor, different from that of all Bush Limas. It is extraordinary productive, a single bush bearing 47 pods, some of which contained two, others four, and most of them three beans each. The pods are short and very thick. Seed should be planted two feet apart, one foot apart in the row and one plant only should be allowed to grow on the hill. We recommend a trial. Pkt., 10c.; pint, 40c.; qt., 75c., postpaid.



COUPON. CUT OFF HERE AND SEND WITH YOUR SEED ORDER.

New Musk Melon TRIUMPH.

We have secured a few pounds of this new Melon which will be given away to our customers for trial. We positively will not sell any of the seed. Coming as it does from the originator of the Columbus Musk Melon, who claims it to be superior to that most excellent sort, we feel sure that the *Triumph* will soon be one of the leading melons both for home use and the market. We will give one packet *free* with every order for vegetable seeds (except collections) amounting to 25c., and over, provided this coupon is sent with the order.

Vaughan's Seed Store.

26 Barclay St., 146-8 W. Washington St.
NEW YORK. CHICAGO.



WORLD'S FAIR SPECIALTIES.

We describe briefly below a few flowers of great merit, shown by us at the World's Fair last summer, attracting great attention and on most of which we received awards. Many thousands of our customers and visitors at the Fair have asked especially for our offers of these specialties and this has induced us to group in the column below those attracting the most attention and which can be obtained in 1894 from no other firm in America.

VAUGHAN'S ODD PANSIES.

Our International Mixture received the only award for Mixtures at the World's Fair. This now celebrated strain contains an extra large proportion of Reds, Stripes, Browns, Gold and Silver Edge and like colors, celebrated for their odd and peculiar markings. Thousands of our customers who examined our displays at the Fair for such shades as these has prompted us this season to put up a special mixture of these unique shades separate and we believe it to be the most distinct and novel one ever offered in Pansies. If you are a lover of these flowers in all of their very widely varying forms, you are sure to be pleased with this mixture.

Price, Vaughan's Odd Pansy Mixture, pkt., 10c.; 3 pkts., 20c.

GLADIOLUS, World's Fair Mixture.

In selecting flowers for cut-blooms for our display at the Fair we recognized the Gladioli as especially useful for the purpose. Their spikes when cut about half open and placed in vases of water remain, as all know very well, long in bloom and the remaining buds on the upper part of the flower spikes continually open and expand almost as large as if they remained on the plant. The adaptability of this flower for house decoration is unexcelled and the value of the bulbs remain for next season's planting. The yellows, pinks, scarlet, striped, rose-flowered, pure white and other shades, seen and admired by so many in our pavilion in the Horticultural Hall, we have grouped in splendid mixture which we call "World's Fair" and offer prepaid by mail as follows:—Gladiolus, World's Fair mixture, 6 fine bulbs for 60c.; 12 for \$1.00, postpaid.

— SWEET PEAS. —

We can say little more than we have already said on the inside front cover page and little more than is shown by our front cover colored plate in regard to the wonderful variety of marvelous colorings of our Sweet Peas, shown at the Fair, but we have no novelties not included in that collection of which we have but a very limited quantity of seed. So many of our visitors have however asked for small a quantity each of these rare colors and large flowers that we have put up a mixed packet containing the 10 kinds which we offer as *World's Fair Sweet Peas*. Pkt., 15c.; 5 pkts., 50c.

Vaughan's Excelsior Mixture of Tall Asters.

This is a mixture of the most beautiful, striking and delicate colors of tall growing Asters, selected from the cream of the Truffaut's, Victoria, Comet, Crown and other most desirable sorts. It has been specially prepared by us and is sure to satisfy the most critical lover of this beautiful flower. Pkt., 10c.; extra large pkt., 25c.

COLUMBIAN CANNA NOVELTIES.

We exhibited 20 grand seedlings, originated by M. Crozy, the great Canna Specialist, and never before offered for sale. On these after the most critical inspection we received 6 awards for sorts showing decided advances over anything yet offered to the public. Our stock being as yet decidedly limited, we can offer 4 kinds only and these at what may seem to our customers expensive, nevertheless it is only half the price charged by M. Crozy when introducing new kinds.

M. Mesnier.—(Medal awarded.) $3\frac{1}{2}$ to 4 feet, green foliage, flowers large, petals wide, color orange slightly streaked with red, deeper in the center of flower, with yellow on the upper edges of the petals, sometimes $\frac{1}{4}$ to $\frac{1}{2}$ inch wide, irregular, quite distinct.

Octave Mirabeau.—(Medal awarded.) $3\frac{1}{2}$ feet, green foliage, flowers large, petals wide, color a deep vermillion, painted with finely pencilled lines of orange yellow and crimson. Very handsome. The back of petals the same.

P. J. Berckmans.— $5\frac{1}{4}$ feet, leaves green, flower nearest a cherry color with a few crimson spots; indescribably soft and beautiful, like Ehemanni.

J. Wilkinson Elliott.— $3\frac{1}{2}$ feet, green leaves, flower large, compact, petals very large, color clear vermillion, covered lengthwise with fine distinct crimson veins.

—Price, each, \$3.00, postpaid.—

GARDENING

A very handsomely and freely illustrated journal, devoted to plain gardening. It aims to tell amateurs what they want to know in language that the least informed can readily understand. Edited by WILLIAM FALCONER, who is universally recognized as high authority in practical gardening. Mr. Falconer has charge of the beautiful Dosoris Gardens (50 acres in extent) at Glen Cove, Long Island, where the best results in plain and ornamental gardening are attained. He has studied gardening from the amateur's standpoint all his life, and will freely give to the readers of GARDENING the practical results of his long experience. It is a paper for everyone, ably edited, and has among its contributors the foremost horticultural writers in America. Issued twice a month. Have you not wanted such a paper? Are you still looking for it? We can take your subscription for \$1.00 per year, 24 numbers. We also give this paper (see offer elsewhere) with every order for flower and vegetable seeds and plants (not on Farm Seeds, Tools or like stock) amounting to \$7.00 or over at catalogue rates.

Subscription price, \$1.00 a year (24 numbers); or six months for 50 cents.

By special arrangement with the Publishers, we can send GARDENING on trial for three months for only 10c. to any one whose order amounts to \$1.00 or over. Use back of envelope enclosed with this Catalogue for order for three months' trial.

VAUGHAN'S SEED STORE, CHICAGO AND NEW YORK.

Dwarf Candelabra Aster.

—A very pretty new variety. The branches grow as shown in the illustration, forming neat little bushes about 12 inches high. The flowers are very large, double and of great variety of colors. Pkt., 15c.



NEW DWARF CANDELABRA ASTER.

COSMOS.—We wish to call special attention to this plant which is without a doubt one of the prettiest and most useful for fall blooming. They are easily grown from seed. (See page 39). Pkt., 15c.

THE BEST NEW SWEET PEAS.

IGNEA.—Standard fiery crimson scarlet, wings paler, flushed with purple.

COUNTESS OF RADNOR.—Pale mauve standards with a deeper shading, wings pale lilac; a very lovely flower.

LEMON QUEEN.—Standards delicate bluish pink tinted with lemon, wings bluish

HER MAJESTY.—A beautiful rosy pink sort; extra large and handsome.

DELIGHT.—Wings and standards pure white crested with shining crimson.

DOROTHY TENNANT.—Color puce violet or rosy mauve. Very distinct.

MRS. SANKEY.—Flowers pure white; a variety of enormous size and substance.

MISS HUNT.—Wings soft pink, standards salmon; a very pretty sort.

AMERICAN BELLE.—Flowers very large, of good form and substance, keep very long in perfect condition when cut. The standard is clear rose, wings of crystal white with bright purplish-carmine spots. A very fine sort. Pkt., 15c.; 2 pkts. for 25c.; 10 pkts. for \$1.00. **SPECIAL OFFER: For 70c. we will send one pkt. each of these Nine new Sweet Peas.**

For other Sweet Peas see Page 49.



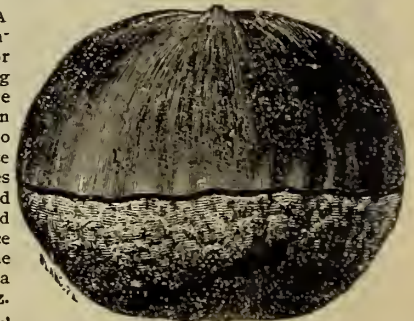
VAUGHAN'S INTERNATIONAL PANSIES.

(SEE COLORED PLATE.)

Vaughan's International Pansy Mixture as shown by us in numerous beds at the World's Fair received the *only* award granted for Pansies in Mixture. The wide-spread fame and general demand for our mixture has induced unscrupulous jobbers and even seedsmen in the catalogue trade to offer a so-called International Mixture. You may be sure such seed is not from us unless in our printed packets and with our Trade Mark Seal on them. Those who would rob us of the benefit of this name, may not hesitate to palm off inferior seed on you. Local dealers in small cities often advertise that they sell our seeds when they never do, ask them to show our letter if you doubt them.

Chestnut, Japan Giant.—A grand new Chestnut, which commences to bear when but two or three years old, often producing a large crop as they stand in the nursery rows; and we have seen burrs containing from four to seven large perfect nuts. The size of the nuts is about four times larger than the wild chestnut, and it is a tree which everyone should plant. They usually commence bearing when only 3 feet high. The nuts are very fine and sell for a high price. Price for nuts, 2 oz. pkt, 15c.; $\frac{1}{4}$ lb., 25c.; lb., 75c. postpaid.

Giant Chestnut Trees.—Fine thrifty plants of these ornamental hardy trees. Each, 45c., postpaid; doz., by express, \$4.00.



JAPANESE CHESTNUT (NATURAL SIZE.)

New Centaurea, Marguerite.

THIS beautiful new annual comes to us from Italy where it has been grown for a few years and was named after the Queen. It is the handsomest Centaurea known and should be planted in every garden. The flowers are of the purest white and exquisitely fragrant. It is valuable both as a cut flower and for decorative purposes. Pkt. 10c., 3 for 20c.



CENTAUREA MARGUERITE. Pkt., 10c.

New Feathered Celosia,

TRIUMPH OF THE EXPOSITION.

ONE of the handsomest decorative plants we know. The bushes grow to a height of about 30 inches, are of regular shape and neat branching habit as shown in our illustration which has been made from nature. The foliage is of a handsome bronze color while the feathery flower heads, which are borne on the graceful branches, are of the most intense red. In brilliancy of color and marvelous effect they are only equaled by the Scarlet Sage with the advantage of beginning to bloom early in the summer, lasting throughout the entire season. Pkt. 10c., 3 for 20c.



CELOSIA, TRIUMPH OF THE EXPOSITION. Pkt., 10c.

New Centaurea, Victoria.

A dwarf strain of the handsome and useful Bachelor's Buttons or Cornflowers. The plants grow only about 8 inches high and form neat globular bushes completely covered with sky-blue flowers. Pkt., 5c.

Giant Comet Aster, Snow.

INTRODUCED only a few years ago the Comet or Pooodle Asters have won the favor of all lovers of handsome flowers. As can be seen by the illustration they resemble the quaint Japanese Chrysanthemums in shape and appearance. In this *Giant strain* we have a vast improvement on the original Comet Aster, for the habit of the plant is much more luxuriant and vigorous, while the flowers are of *gigantic size, larger than those of any other Aster* and not only are they larger but they are produced in greater profusion. As many as 25 blooms are often found on a single plant. They are of good form, *very double, snow-white* and produced on *long stiff stems*, making it an excellent sort for cut flowers. It is also exceedingly well adapted to bedding. This new strain should not be confounded with the White Comet Aster of the original type, introduced several years ago. Pkt., 15c., 2 for 25c.



GIANT COMET ASTER SNOW. Pkt., 15c.

New French Marigold,

LEGION OF HONOR.

THIS new sort is the prettiest and handsomest Marigold that we know of. The plants grow only about 9 inches high and are so even in size that they have the appearance of having been trimmed with shears. They are insect and drought proof and will bloom from the beginning of the summer until late in the fall. Our illustration, which is true from nature conveys an excellent impression of its free blooming habit. The flowers are single, of a most beautiful rich golden yellow marked with large blotches of velvety brown resembling a cross of honor, hence its name. Considering the beauty of this plant and the ease of its culture we shall feel disappointed if every order for flower seed does not call for at least one package of it. Pkt., 10c., 3 for 20c.

Giant Flowered Cyclamen.

WE have an extra choice strain of this lovely flower saved by the most celebrated Cyclamen specialists in Europe. The flowers are *very large* of elegant form, the most beautiful and brightest colors, borne on stiff wiry stems well above the foliage. We were awarded a medal at the World's Fair for some of Cyclamen we exhibited. Cyclamen are easily grown from seed. Pkt. of 25 seeds 25c.

Canna, Florence Vaughan.

WE have a limited amount of seed of *this best Yellow Canna in cultivation* (see colored plate) and can furnish it while the seed lasts at 15c. per pkt. of 5 seeds.

New White Branching Aster.

A NEW Aster of great merit. The plant is a strong grower and derives its name from its tendency to form numerous branches. The flowers are borne on very long stems and are pure white, being *four inches and more in diameter*. The petals are broad, long, and many of them more or less twisted and curled in such a manner as to give the blooms the appearance of large, loose and graceful Chrysanthemums. The resemblance is so great that nearly everyone considers them so when seen as cut flowers. Pkt., 20c.; 3 for 50c.

COMET ASTERS, Mixed.—All colors in finest mixture, including Giant Snow. Pkt., 10c.

Dwarf Nasturtium.

Prince Henry.—An entirely new and novel sort. The flowers are of a beautiful golden yellow, spotted and marbled with brilliant scarlet which in combination with the dark green foliage presents a most striking combination. Pkt. 10c.



DWARF NASTURTIUM, PRINCE HENRY. Pkt., 10c.

New Margaret Carnation.

Blooming Carnations from Seed all the year around.

FOR the home garden we can recommend no other flower so heartily as this. Everyone loves Carnations for their beautiful flowers and exquisite fragrance. The seedlings of the MARGARET CARNATION bloom when only three months old, and if successive sowings are made Carnations in bloom can be had throughout the whole year. Pkt., (100 seeds) 10c.; 3 pkts., (300 seeds) 20c.

Cannas from Seed.

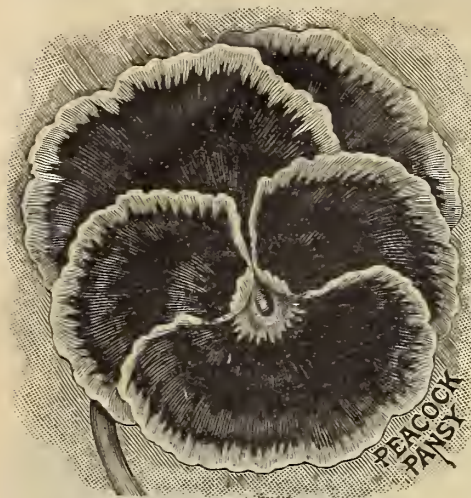
BUT few people know that these beautiful flowers can be so easily grown from seed and *bloom the first summer* if sown before April. There was no flower so greatly admired at the World's Fair during the summer and fall as the New Large flowering Canna beds on the east side of the Horticultural Building and justly so, for, *they have no equals* for stateliness, brilliancy and variety of colors and *ever-blooming qualities*. They produce flower spike after flower spike and if carefully potted up in the fall and kept in the house they will continue to do so all through the winter. They make elegant lawn plants and are equally desirable for pot culture.

VAUGHAN'S Large Flower-Canna Mixture. Pkt. of 20 seeds, 10c.; 3 pkts., 25c.



MARIGOLD, LEGION OF HONOR. Pkt., 10c.



SCRANTON, IOWA. — The Cannas I received from you did well. I think they are as handsome as any plants we have for the garden, and well worthy of cultivation. Mrs. FLORA BRYANT.



PEACOCK PANSY

Datura Cornucopia. (HORN OF PLENTY.)

THE grand, trumpet shaped flowers measure from seven to nine inches in length and nearly six inches across, and form three distinct trumpets growing each within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple forming a most striking contrast. The flowers which are very sweet are produced in great abundance, a single plant often bearing up to 200 flowers during the season. The plants grow to a large size, forming bushes three or four feet across; the stem is thick and of a hining dark purple. We can recommend them as single plants on a lawn or mixed in with shrubbery. They are of easy culture. Pkt., 10c.; 3 for 25c.

Fire King Pansy.  

A MOST brilliant new sort. The three lower petals each have a deep brown-red blotch with a broad margin of yellow, while the upper two petals are of a most intense fiery red. The flowers are of good size and form, and of a rich soft velvety texture. Pkt., 10c.

Peacock Pansy. 

A FIRST-CLASS variety; the side petals are of a rich maroon, upper and lower petals royal purple shot with peacock blue, and each margined with terra cotta rose; a real grand flower. Pkt., 10c.



FIRE KING PANSY.

GIANT PARIS PANSY.

THE Parisian florists are admittedly at the head of their profession, and the American traveler who has loitered along the beautiful streets and boulevards of that city has not failed to admire their tastefully decorated store windows and their perfect arrangements for meeting the most fastidious demand for cut flowers and growing plants. The taste of the French public is thoroughly cultivated, and poor flowers of any kind find no sale in that city. Pansies are as great favorites there as they are with us, and when we remember the beauty of such Pansies as Giant Cassier, Bugnot and Trimardeau, which have originated in or near Paris, it must be admitted that an extra good strain is needed to stand comparison with those favorites. THE GIANT PARIS PANSIES have not only met this comparison successfully, but have actually out-sold those well known kinds. Hundreds of thousands of these Pansies are sold daily in the Paris markets, the demand far exceeding the supply. The flowers of this new strain are fully as large as the Trimardeau, while they are far superior to them in the wide range of color and in substance of the petals; the blotches are more distinct and conspicuous. Still another distinguishing feature and very important advance is its very stout and stiff flower stem, rendering the cut blooms much more lasting and the plant itself more substantial. Like other high-bred flowering plants they are shy seeders, and this is the first season that we have succeeded in securing even a limited supply of seed to offer our customers. Pkt., 15c.; 2 for 25c.

SPECIAL OFFER: One packet each of the above 3 Pansies for 25c.

ST. LOUIS, MO.—The Seed was very satisfactory. I wish to inform you that my Pansies were the pride of St. Louis last Spring. B. W. HICKS.



GIANT PARIS PANSY.

ZANZIBAR CASTOR BEAN.

Ricinus Zanzibariensis.

THE largest Castor Beans in cultivation. An entirely new class from Africa, with leaves often measuring 2 feet across, some of them being light green, others bronze brown passing into dark green. These are entirely distinct from others of this class, also, on account of their seeds, which are marbled, speckled and spotted. For large foliage beds we know of nothing more striking and effective than these Zanzibar Castor Beans. They are of the easiest culture, and are objects of beauty all summer and fall. Pkt., 15c.; 2 for 25c.

CYPERUS OR UMBRELLA PLANT.

THIS plant grows finely in shallow water with rich soil or mud soon throwing up long stalks which are surmounted with narrow dark green leaves arranged in such a manner as to suggest the name of Umbrella Plant. It will also flourish and make a fine clump in the garden with the same culture as given to Cannas and Dahlias. Grows readily from seed started in slight heat. Pkt., 10c.

TCUMSBH, MICH.—I sold \$12.00 worth of Pansy Plants from \$1.00 worth of seed this year. The blossoms were the finest I ever saw, those at the World's Fair not excepted, but it was in August when I saw yours. MRS. ABNER WILSON.

Heuchera Sanguinea.

A NEW hardy perennial of great merit. The plants grow about 18 inches high, form neat bushes and produce their flowers in long, graceful trusses of the brightest crimson. They are exceedingly handsome and valuable cut flowers. Pkt., 15c.

Variegated-Leaved Japanese Hop

LIKE its parent, the green leaved Japanese Hop, this is a rapid growing climbing vine, which is hardy and not injured by insects, but the leaves of this are beautifully and distinctly marked with silvery white, yellowish green and dark green. Pkt., 15c.; 2 for 25c.

WATER LILY SEED, Lotus.

WATER Lilies have come into favor of late and justly so for their magnificent flowers are simply incomparable, added to this their ease of culture and the fact that they can be grown in places where nothing else will grow—a tub, a stream or pond. They can easily be grown from seed and we have imported a choice lot of the best sorts. The seedlings will bloom the second year. Directions how to sow them are on each package. Lotus white, pink, red and striped. 3 Seeds each, 25c.; Mixed, 5 seeds for 25c.

POPPY, Double Light Yellow.—

This new color will be hailed with delight by all who love these beautiful flowers. Pkt., 5c.

PALM SEED.

WE just received a choice lot of Kentia Palm Seed, one of the most beautiful and hardiest palms in existence and can furnish it while it lasts at 20c. for 5 seeds. Directions for sowing on every package.



CYPERUS OR UMBRELLA PLANT.



ZANZIBAR CASTOR BEAN.

CHRYSANTHEMUMS.

Amateur Specimen Plant Collection.

Among the many thousand varieties of Chrysanthemums now in cultivation amateurs are sometimes at a loss to select a small quantity which will in themselves combine several points of excellence. The following five are all *first-class varieties* of easy culture, and will make *splendid specimen plants* with ordinary care and without petting.

Col. Wm. B. Smith.—An immense, double, high built flower; petals very broad and large forming a solid mass of the richest bright golden bronze. Ea. 25c.

Gogucac.—One of the best sorts of late years. A sport from Mrs. Irving Clark; identical in every respect except color, which is white. Each, 15c.

Lillian B. Bird.—Flower of the very largest size with full, high center; petals tubular and of varying lengths, the flower when fully open being an immense half globe; color a delicate flesh-pink tint. Each, 10c.

Mrs. J. D. Eisle.—An exceedingly early-flowering variety; rich orange, shaded crimson; flowers large and of good substance. Each, 10c.

Superbiflora.—Massive flower, rose shaded with purple, petals tipped lighter; very stout stem. Each, 25c.

Amateur's Set of Chrysanthemums, the 5 for 60c.

DOUBLE ANEMONE, WHIRLWIND.

One of the really valuable novelties of the season. It is sent out after five years' trial during which time it has established the claims made for it of being hardy, strong and a free bloomer. In habit the plant resembles the well-known White Anemone Honorine Jobert having all the good traits of that variety but with much larger white flowers and perhaps more abundant blossoming. In severe winters the crowns of Japan Anemones are sometimes killed, but after five years' test and with the plants fully exposed they have escaped uninjured, showing they are harder than all others. This makes the WHIRLWIND a valuable plant for use in cemeteries and exposed situations where protection cannot be readily afforded. Price, each, 30c.; 3 for 75c.

BRAZILIAN PLUME PLANT. (JUSTICEA CARNEA.)

This plant is a native of Brazil and of the easiest possible culture, and seems to do equally well in all kinds of soil, and in any situation, requiring but very little attention; it is, in fact, one of the few plants that every one can grow successfully. It is a strong, rapid grower, and throws long shoots, each of which is tipped with very beautiful pink, plume-like flowers, the ends of every petal drooping in a most charming manner. Price, each, 25c.; 3 for 60c.

BEDDING PLANTS.

Each year brings to light a greatly increased demand for those plants which have become so popular from their use in forming the handsome foliage and various hued beds in the public parks in all large cities. Those who have gazed upon the grand beds in Lincoln and South Parks, Chicago and elsewhere need no further reminder of the beauties the plants afford when planted in masses and properly cared for. Our large florists' trade demands that we carry a large stock of these plants. At rates here quoted not less than 25 of a kind will be sold. We are prepared to quote exceptionally low figures where large quantities are required.

	PER 100.
Alternanthera—Red.....	\$6 00
" Yellow.....	6 00
Ageratum—White and Blue.....	4 00
Cannas—Green and Bronze foliage.....	8 00
Carnations—Assorted.....	6 00
Centaurea (Dusty Miller).....	4 00
Coleus—Crimson, Yellow, Red, Black, etc.....	5 00



	PER 100.
Geraniums—Double and Single. All Colors.....	\$ 8 00
Dahlias—Assorted.....	8 00
Lobelia—Best Dwarf Blue.....	4 00
Pansies—Assorted colors.....	3 75
Petunias—Double. All colors.....	10 00
Roses—Bedding varieties.....	8 00
Salvia (Flowering Sage).....	6 00
Verbenas—Red, White, Pink, Blue, etc.....	4 00

CESTRUM PARQUI.

This is the famous Night-Blooming Jessamine, producing beautiful white flowers in clusters and the greatest profusion, over-poweringly sweet at night. It is said to be the most valuable of all perfume plants. It is a lovely pot plant, and is of easiest culture, thriving to perfection in good loam. Each, 25c.

CHRYSANTHEMUM, STORM PETREL.

This is a hardy perennial, with finely cut, thread-like foliage, and dwarf trailing growth. It blooms at all times of the year if kept in pots, and out of doors until after hard frosts have killed almost everything else. It is a very profuse bloomer, and the pretty, rosette-like flowers are a pure white. Ea. 20c.

OXALIS ORTGIESI, OR GOLDEN STAR.

A very pretty plant, grows from 12 to 18 inches high branching freely and is constantly loaded with clusters of bright golden yellow flowers in form of stars. The foliage is very ornamental, the upper surface being a dark olive green while the underside of the leaves is a shining metallic crimson purple. It grows like a Geranium and blooms all the year round, 25c.

SAGE—Variegated.

Pretty hardy perennial, the leaves emitting an agreeable and refreshing fragrance. They are of the easiest culture and luxuriate in the shade, and are thus particularly suited for shrubbery or for city gardens. Each, 20c.

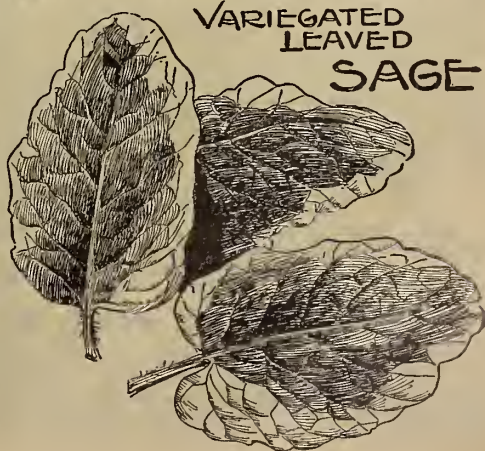
LOBELIA, Golden Queen.—An entirely new and distinct variety having golden yellow leaves and beautiful blue flowers. Very desirable for use on edgings to ribbon beds, a good basket plant, and from its unique foliage and dwarf habit is sure to become a favorite. We have a good stock of well-grown plants. Each, 10c.; 3 for 25c.

CHEAPER EXPRESS RATES.

Plants sent by express are now carried at 20 per cent. less than regular merchandise rates. It will always pay to order plants sent by express, as the roots are left with the ball of earth adhering.



OXALIS, GOLDEN STAR.



VARIEGATED LEAVED SAGE

A NEW CLEMATIS BETTER THAN JACKMANI.

THE GENERAL GRANT.

THE flowers of this new seedling are of the richest dark reddish purple imaginable with thicker and more substantial leathery petals than any we have ever seen. We had occasion to compare it with the finest specimen flowers of some 12 different kinds and found it to excel every one of them in its rich color, strong and thick petaled flower. We are confident that when known it will become a greater favorite than Jackmani. Each, \$1.00, postpaid.

MINIATURE CALLA, Elliott's Little Gem. TRUE.

Originated in Guernsey Islands, off the coast of England, and purchased by our agent. We have grown and flowered it for two years. It is in appearance a true miniature specimen of the old Calla, and when in flower, a perfect specimen plant, 8 to 12 inches high, with full developed foliage. We know of no plant which will be so readily and universally recognized as unique. A well grown plant cannot fail to attract the admiration of every flowerlover in your neighborhood.

NOTE—Some persons have claimed the Calla Nana (which we will call a half dwarf) about 18 inches high and which they call THE GEM, to be the same as this ELLIOTT'S LITTLE GEM, we find it entirely different. Price, "ELLIOTT'S LITTLE GEM," each, 25c.; 3 for 60c., postpaid.

Fancy Leaved Caladiums.

They are very easy to grow in summer either in beds or in pots, a cool, moist situation suiting them best. For the piazza or conservatory decoration they are unequalled. The dry tubers require to be kept warm in winter. The beautiful foliage of these Caladiums is variegated in the most elegant manner, some are dotted with raised spots of white, another is veined with pink or scarlet, while others show almost black markings. Our collection is very choice.

- Azulao.**—New, magnificent varied coloring.
- C. E. Dahle.**—Five spotted foliage.
- Katzer.**—Light ground with red ribs; grand.
- Ouricury.**—Shading runs chiefly to red.
- Pelotas.**—Green, red middle with numerous white spots.

Price, any of above, 30c.; the set of 5 for \$1.00. Besides the above we have 10 other distinct varieties which we can furnish at \$2.40 per dozen.

MIXED SORTS, each, 25c.; 3 for 60c.

For Caladium Esculentum, See page 54.



CLEMATIS

"General Grant."

New Silver Leaf Everblooming Calla.

Sir Georges D'Agincourt, the renowned traveler-botanist, when asked to name a single plant which could be considered a universal typical house plant throughout the civilized world, unhesitatingly answered—"the Calla Lily;" with truth we might also add, there is none so satisfactory. As a most worthy companion to the old-fashioned white and spotted leaf varieties we have in the new "SILVER LEAF," offered for the first time last season (of which we control the entire stock) not only a splendid highly decorative foliage plant, but a true CALLA LILY, with all the free-blooming habit and rich foliage of the old favorite, but with leaves mottled and variegated silver-white on rich dark green, many of them showing one-third to one-half pure white, with other part green and occasionally a single leaf of pure dark green, making it one of the most distinct plants of this family. Variegated plants as a class are attracting much attention, and this novelty will claim the favor of all lovers of ornamental foliage and flowers. Each, 60c., two for \$1.00.



ELLIOTT'S LITTLE GEM CALLA.

CROTONS.

Crotons are among the finest decorative foliage plants. The leaves are all more or less veined and margined, sometimes entirely variegated with shades of yellow, orange and crimson. Some have long narrow leaves, arched gracefully, fountain fashion; others broad and short, oak-leaved; some recurve very much, others twisted corkscrew-like. Crotons love heat, sunshine and moisture. Each, 25c.

PARIS DAISY, Queen of the Belgians.

A most beautiful plant. Nothing can be more showy either as a pot plant or bedded out. This plant has been appropriately named "the Shower of Gold" as it is a perfect mass of large single golden-yellow flowers the whole year around, well grown plants having as many as 150 flowers on them at once. Without an equal for cut flowers. Each, 15c., 3 for 40c.

Double Fringed Petunias.

By selections from our choicest seedling Petunias we have obtained a collection of about a dozen double fringed varieties which in richness of coloring and beautiful fringed petals are extremely handsome. The shadings and combinations in color are so varied we find it impossible to describe these great, grand flowers. They must be seen to be appreciated. Each, 15c.; 3 for 40c.

OLEANDERS.

These plants are so well known as to need no description. Even when not in bloom their dark green, willow-like foliage is very pleasing. We have some extra large well grown plants (they cannot be sent by mail) mixed sorts. We offer very low. Each 35c.

NEW HARDY PINK, Her Majesty.

An English variety far in advance of anything yet seen in this class of plants. Has been grown here some years, is now thoroughly acclimated, and is one of the most popular cut flowers of the day. The flowers which are of large size, similar to a Carnation, are of the purest white and very fragrant; are borne on long stout stems. It is perfectly hardy and we consider it a plant of great merit. Ea., 25c., 3 for 60c.



FANCY LEAVED CALADIUMS.

SEE OUR "BEAUTIFUL NEW ROSES,"

Everblooming and Hybrid
Perpetual, pages, 70, 71, 72 & 73.



SENATOR MCNAUGHTON.

LOWER EXPRESS RATES.
The heavy charges heretofore made by the express companies have prohibited many people from having plants sent otherwise than through the mail. During the past year, the various companies have agreed to carry plants by express at 20 per cent. reduction from former rates and we cannot impress the fact too strongly that larger and better plants are invariably put into orders forwarded by express.



CHAMPION OF THE WORLD.

TWO GRAND NEW ROSES.

SENATOR McNAUGHTON. **CHAMPION OF THE WORLD.**

THE NEW WHITE PERLE DES JARDINS.

THIS Rose is a sport of the favorite Perle des Jardins and identical with it in every way excepting in color, which is almost a pure white, with faint creamy tint, and in the fact that it is a more vigorous grower and always produces perfect buds; the only fault with Perle des Jardins is that it frequently develops malformed buds. This white Perle is in every way desirable for forcing under glass and outdoor planting. We were awarded a Bronze Medal for this new Rose at the World's Columbian Exposition. Each, 30c.

PHRYNIUM VARIEGATUM.

THE grand new decorative plant herewith illustrated will in time we believe become as popular a summer bedding plant as the Canna, which it somewhat resembles in its manner of growth. The stems are thrown up strong and in rapid succession, and the foliage is beautifully marked creamy white on a dark green ground, and these markings change and blend into various shades. It is of the easiest culture, does well in the house, and makes a beautiful contrast when placed among Palms or other decorative plants. Its requirements are plenty of air, abundance of water, frequent syringing in summer and a night temperature of 60 to 65 degrees, with 10 to 15 degrees higher when the sun is shining. Price, each, 35, 50 and 85c., postpaid. Much larger plants can be sent by express.

SOLANUM AZUREUM.

A **SPLENDID** climbing plant. It is of robust and vigorous growth, climbing in a short time to a considerable height. The flowers are deep, clear azure blue and are borne in large panicles; they are extremely beautiful and are produced in almost constant succession throughout the year. As a summer flowering climber for the porch or veranda it will give great satisfaction, and for the window or conservatory there is no more graceful climber. Each, 20c.; 3 for 50c

SEATTLE, WASH.—In regard to the plants sent me last Spring, I have to say that the Cannas grew beautifully. I lifted one of the Madam Crozy and one of the Star of '91, and they are blooming fully indoors in November. WILL. H. THOMPSON.



PHRYNIUM VARIEGATUM.

A **REMARKABLE** new sort which combines the most desirable qualities. It has stood the severe winters of Vermont in the open ground without the slightest protection. It is a *perpetual bloomer* summer and winter. The flowers which are produced in the greatest profusion are perfectly double and of perfect shape. They are of a deep, rosy pink and delightfully fragrant. Fine plants, each, 20c.; 3 for 50c.

"A GRAND OFFER. ☺"
20 ROSES FOR \$1.00.

ABOUT May 15, we usually have a few of each of our large collections of roses left at that time, and rather than carry them over for another season, our customers may secure postpaid 20 of the best everblooming roses for \$1.00; each named and labeled. Larger plants will be sent by express, purchaser paying charges. The selection must be left entirely to us. This collection cannot be sent out before May 15th. Orders received before that time will be booked, and executed strictly in rotation.

Don't miss this grand offer; place an order early.

Popular Dollar Plant Collections

... OF EXTRA VALUE ...

COLLECTION P. 3.—10 Fine Flowering Begonias, all different.

COLLECTION P. 5.—13 Fuchsias and Heliotropes, all different; 8 Fuchsias, 5 Heliotropes.

COLLECTION P. 6.—15 Geraniums, all classes, each different; Ivy-leaved, Bronze, Double Single, Scented and Silver-leaved.

COLLECTION P. 7.—15 Chrysanthemums in variety, all classes, finest show kinds, including one or two choicest novelties.

NINGPO, CHINA.—Very many thanks for all the extras you have so kindly sent me. I have much pleasure in the results of your bulbs all of which have been so large and strong, and also in your seeds which are far more successful than all others I have tried, every seed coming up. It is a pleasure to plant seeds that germinate well. H. L. CORBIN.

NEW GOOSEBERRY, KEEPSAKE.



KEEPSAKE GOOSEBERRY.

A FEW years' trial in this country of the large fruiting English gooseberries has proven that in many instances they can be grown without any indication of mildew. The Keepsake is a very large, straw-colored variety, of the finest quality and largest size. It is highly spoken of in England, being fit for use in that country April 24th. The plants we offer are imported, and are offered this season for the first time. It is an excellent shipper; its abundant foliage protects the fruit well. Well worth a trial in America. Each, 1 year plants, 25c.; doz., \$2.50, prepaid; 2 year plants, each, 35c.; 6 for \$1.75.

NEW BLACK CURRANT, VICTORIA.

IMPORTED by us from England. We believe it to be the finest and largest black currant in existence. One of the most attractive and desirable of the currant family, splendid for jellies, preserves, etc. The stock of plants of this novelty is quite limited both in England and this country, so please order early. Price, each, 25c., 3 for 65c.

NORTH STAR CURRANT, NEW.

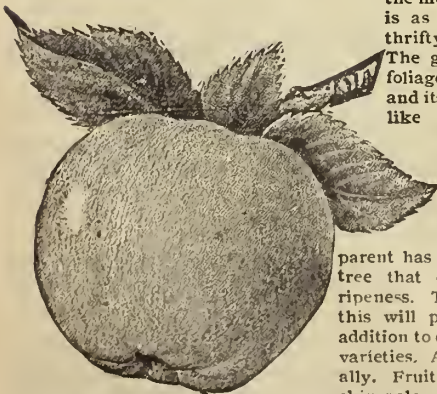
THIS is a chance seedling of the VICTORIA, and has now had a satisfactory test of nearly ten years. It is a vigorous grower, often making shoots three feet in length in a season, while it is a bright red color, and is *the sweetest and best flavored Currant known*. It is an *early and prolific* bearer, many of the clusters measuring from three to five inches in length. It is of *large size*, rivaling the Cherry Currant, and in field culture it will average fully as large a berry as the latter, whilst each bush will carry about double the amount of fruit. The clusters are long and full, involving only half the labor in harvesting the crop. Again, the berries cling to the branches long after the fruit is ripe, so that you are not compelled to harvest the crop from the ground. This habit also lengthens the season of the variety. The NORTH STAR is *much sweeter* and more agreeable to eat out of hand than any other. Where the grounds are limited, its rapid growth renders it particularly desirable for cultivation in the tree form, as it needs little pruning to keep it in that shape. For best results give the plant liberal manuring and good culture. Price, 2-year-old plants, each, 50c.; doz., \$5.00. 1-year-old plants, strong, each, 35c.

SPECIAL OFFER:—One each, Currant North Star, 1 year; Currant Victoria, Black; and two Gooseberry Keepsake, 1 year, all for 90c., postpaid.

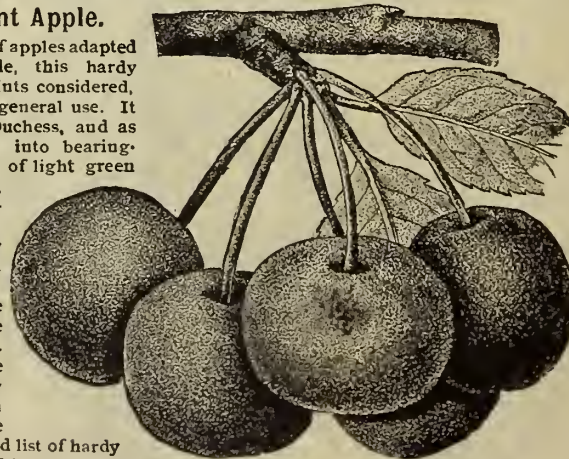
Yellow Transparent Apple.

OF all the early varieties of apples adapted to our high latitude, this hardy Russian sort is, all points considered, the most desirable for general use. It is as hardy as the Duchess, and as thrifty, comes early into bearing. The great abundance of light green foliage of the tree, and its fruit of marble-like appearance, makes a very fine contrast with other varieties. The fruit of the Yellow Trans. parent has a grip upon the tree that only loosens by ripeness. To the cold north this will prove a valuable addition to our rather limited list of hardy varieties. An early and good bearer annually. Fruit medium, roundish, obovate, slightly conical; skin pale yellow when fully mature; flesh white, juicy, sprightly, sub-acid; quality good. Season early in August. Price, each, 25c.; 5 for \$1.00; postpaid.

NEW BLACK CURRANT VICTORIA.



YELLOW TRANSPARENT APPLE.



WINDSOR CHERRY.

and rich and of good quality. Fruit showy, very productive, and should be planted by all who have a door-yard, lawn or orchard. Price, each, 30c.; 4 for \$1.00, postpaid.

Windsor Cherry

INTRODUCED by Ellwanger & Barry, the well-known nurserymen and recommended by the highest authorities on Pomology in the country. It originated in the cold climate of Canada and is therefore very hardy. The fruit is very large, of very dark liver color, firm, solid and rich and of good quality. Fruit showy, very productive, and should be planted by all who have a door-yard, lawn or orchard. Price, each, 30c.; 4 for \$1.00, postpaid.

NORTH STAR CURRANT.

ELDORADO BLACKBERRY.

OF large size and best quality, and having so little core that it cannot be noticed in the eating. This far surpasses any Blackberry on the list today. In addition to this it is extremely hardy and productive, never having been injured in the North-west.

The U. S. Pomologist H. E. Van Deman at Washington says,—“Never have I tasted anything to equal Eldorado.” “Color black, flesh deep crimson with tender core. Flavor sweet, rich quality and very good.”

The Ohio Experiment Station say, “Eldorado is the most promising hardy blackberry.”

Minnesota Experiment Station say “Eldorado came through the winter in good shape.”

The Pennsylvania Experiment Station say, “Eldorado is an immense producer, the berries ripen evenly and are very sweet and of good size. The yield was greater than any others in our grounds.”

The above endorsements are very strong. They are from men who have only general interests at heart, men who do not own a single plant, but are willing to give their hearty endorsement to a good fruit.

Price, each, 40c.; doz., \$3.00; 50 for \$10.00.

THE HERSEY STRAWBERRY. LATEST FIRST PRIZE VARIETY.

THIS strawberry originated at Hingham, Mass., some five years ago it being a seedling, grown by Mr. Samuel Hersey of that town. It attracted so much local attention that its originator soon learned that it had unusual value as a new and distinct variety; and, after securing several first prizes at local exhibitions, it was also awarded first prize at the Strawberry Exhibition of the Massachusetts Horticultural Society last season.

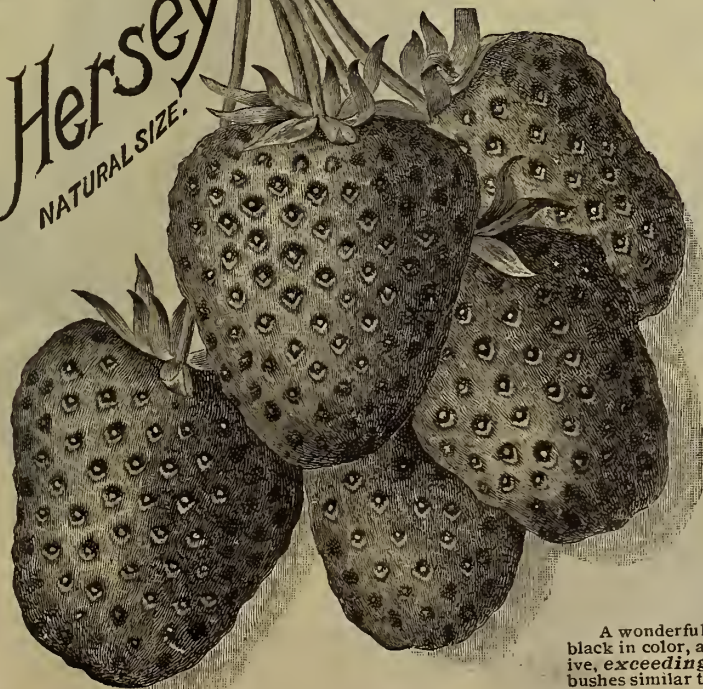
This berry contains all the good qualities desired for home use and the market. Its blossom is perfect, requiring no other variety to fertilize it. The fruit is of most excellent flavor having the taste and aroma of the best varieties of the wild strawberry. Its form is very attractive, and its color, a rich, dark red; very uniform in size and easy to hull. The vines are very strong and thrifty in appearance, also extremely hardy and very productive. Mr. Hersey says in the Massachusetts Ploughman, that “Under ordinary culture, one thousand quarts of fruit have been grown on a plot of land sixty feet square.” (This being at the rate of over twelve thousand quarts per acre.)

The plants are now offered for sale for the first time, the originator, Mr. Hersey, having heretofore carefully kept the entire stock under his control—growing the fruit for local market where it commanded a higher price than any other variety.

A. B. C.
of
Strawberry
Culture.

A book of much valuable information; paper cover, price 40c. postpaid.

Hersey
NATURAL SIZE.



Recognizing the merits of this new Strawberry, we have arranged to the sale of the plants, and offer them for delivery in the spring as soon as ready to transplant.

Price, 6 plants for \$1.00; 12 for \$2.00; 50 for \$5.50 postpaid.

E. L. Ripley, President of the Hingham Agricultural and Horticultural Society writes as follows:

“I take great pleasure in contributing my knowledge of the value of the Hersey Seedling Strawberry, for the benefit of any who may be desirous of purchasing the best. It took the first premium at our Annual Fair in 1890, and is considered by competent judges in our vicinity, remarkable for the excellence of its flavor and great bearing qualities.”

TWO OF THE NEWEST STRAWBERRIES.

Greenville.— This was sold last year at \$2.00 per dozen; \$10.00 per 100. The originator's description is: Berries of large size, good quality, medium texture, very productive, season medium to late, color very even and fine. Flower pistillate, plants very vigorous, healthy and hardy. It has received very high praise from experimental stations and others who have tested it. Doz., 75c., postpaid; 100, by express, \$2.50.

Shuckless.— Possesses a peculiar feature which is indicated by its name. In picking, the shucks remain on the stem instead of on the berries, which are ready for immediate use. It is a stroug grower, hardy plant, late and perfect bloomer, and produces berries of uniform size and in great abundance and of the best quality. Doz., \$1.00, postpaid; 100, by express, \$3.50.

CRANDALL TREE CURRANT.

A wonderful new *giant Currant*, producing berries $\frac{1}{4}$ to $\frac{3}{8}$ inches in diameter, shiny bluish black in color, and often mistaken at first sight for Concord grapes. It is marvelously productive, *exceeding any other small fruit in yield*; seeds few, cooking quality unsurpassed; bushes similar to the common currants - but much larger, attaining a height of 7 or 8 feet. Good plants, each, 30c., 4 for \$1.00, 10 for \$2.00, postpaid.

4 GOOD RASPBERRIES.

ROYAL CHURCH.

Originated in Ohio ten years ago; has been thoroughly tested on originator's grounds and at a majority of the State Experimental Stations; not one unfavorable report has been made. Very productive, over 150 berries have been counted on a single stem; average $\frac{7}{8}$ to 15-16 inches in diameter; 100 berries weigh 11 ounces; has but few seeds, produces no small berries; does not crumble in picking. Exceedingly delicious aromatic and sprightly; excellent for table, canning, jellies, etc. Canes are large, vigorous grower, thorns few and small; perfectly hardy wherever it has been tested.

Royal Church is earlier than Cuthbert, yet continues longer in bearing. It combines the large size and superior quality of the best foreign varieties. No variety heretofore introduced combines these excellences so completely as the **Royal Church**. Each, 25c.; 3 for 60c.; doz., \$2.00.

Matthew Crawford, of Ohio, says, "Royal Church bore the best and most beautiful berries I ever saw. It is very large, of a beautiful bright color, flavor good, aroma fine, canes perfectly hardy, vigorous and productive."

Prof. L. B. Taft, of the Mich. Agricultural College, in his bulletin says, "Of the red varieties Royal Church is one of the most promising. It is hardy to the tips. I am well pleased with it."

Prof. H. E. Van Deman, United States Pomologist of Washington, D. C., says, "Royal Church is one of the best of the red varieties. The fruiting branches are long and heavily loaded with green and ripe fruit. Berry large, round and juicy, and of rich flavor."

ROYAL CHURCH.

Prof. W. J. Green, of the Columbus, Ohio, Experiment Station, says: "Royal Church is large and of fine quality." In his bulletin for 1891, he says, "Plants vigorous and productive. Berries large, dark crimson, moderately firm, excellent quality. A very promising variety."

PALMER SEEDLING. (BLACK CAP.)

It ripens at the same time as Souhegan, but yields much more fruit at first picking, completes ripening its crop in a shorter time, and commands the highest price. What we claim for the **Palmer** is iron-clad hardness, early ripening, large size, good quality of fruit, and wonderful productiveness, often bending the canes to the ground under the weight of fruit. The **Palmer** has been tested from Atlantic to Pacific, receiving the highest commendation from all sources, and fully establishing it as the best and most productive early Black Cap yet introduced. Each, 10c.; 3 for 20c.; doz., 60c., per 100, \$2.50.

GOLDEN QUEEN.

This may be termed a golden Cuthbert, as it is a seedling or sport of that popular variety. Its leading characteristics are large size; great beauty, high quality, hardness and productiveness. This superb new raspberry, is destined to more than fill the place of that old luscious yellow raspberry, Brinkle's Orange, as it gives us the same handsome large golden berries, without the nursing and care the Brinkle's required to bring the canes alive through the winter. The canes are of the strongest growth. It is wonderfully productive, ripening in mid-season, and should be planted for market. Each, 10c. 3 for 20c.; doz., 60c.; per 100, \$2.50.

OLDER.—Of strong growth, producing canes very much branched giving more fruiting surface than any other Black Cap. The fruit is of a shiny coal, black without bloom, with thick, dark rich juice and very small seeds. Holds its size to the end of the season. It is very fine flavored and one of the best for canning. In productiveness and hardness it is hard to beat. Price, each, 10c.; dozen, 60c.; 100, \$3.00.



GOLDEN QUEEN.



PALMER SEEDLING.

Special Offer. 3 each of above 4 sorts, Red, Yellow and Black, 12 plants, for \$1.00; 6 each for \$1.65, postpaid.

Be sure to plant plenty of Small Fruit Plants this year. There is no better investment.

We will consider it a special favor if you write below the names of some of your friends who are likely to use seed.

NAMES.	POST-OFFICE.	COUNTY.	STATE.
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BUSH.	QTS.	PINTS.	LBS.	OZS.	PKTS.	NAMES OF ARTICLES WANTED. Use special sheet for plant orders.	PRICE.
If wanted in bags, add 20c. each. We make no charge for boxes or cartage.							
TOTAL. \$							

OUR PREMIUMS FOR 1894.

Gardening, a new semi-monthly paper devoted to the interests of Horticulture, the most practical paper for the amateur, will be supplied to our customers free for one year (24 numbers), as a premium on all orders for seeds, bulbs and plants amounting at catalogue rates to \$7.00.

Vaughan's Vegetable Garden, on all orders for vegetable seeds amounting to 35c. and over. Invaluable to every person who has a garden.

How to Grow Sweet Peas, a 4 page pamphlet giving careful directions how to plant, cultivate and care for Sweet Peas; it will be sent free with every order for Sweet Peas in packets amounting to 50 cents.

Flower Bulbs, by E. E. Rexford, on all orders for bulbs and plants amounting to \$2.00 or over, if requested with order.

Vaughan's Celery Manual, on all orders for celery seed, amounting to \$3.00 or over, if requested with order. It will pay every celery grower to read it.

A Treatise on Onions, on orders for onion seed, amounting to \$3.00 or over, if requested with order.

Trial Packets of Seeds, of new and untried kinds, both vegetable and flower, will be given away with most orders for seeds. Our customers will find that we deal liberally with them.

**\$250.00
IN CASH**

For the largest yields of Fancy Yellow Globe Danvers Onions, grown from seed purchased from us in 1894.

For particulars see inside cover page and page 19 for conditions governing the competition.



OUR PRICES INCLUDE POSTAGE on Packets, Ounces, Quarter-pounds, Pounds, Pints and Quarts of VEGETABLE and FLOWER SEEDS, also on PLANTS and BULBS, EXCEPT WHERE NOTED. If the purchaser desires to pay his own Express or Freight charges, he may deduct 8 cents per pound and 10 cents per quart for Sweet Corn, and 15 cents per quart on Beans and Peas, from the PREPAID RATES here offered. Where so requested and amount mentioned at bottom of order, we will add extra seeds for such amounts, if not deducted. Seeds offered in lots *larger than one pound or one quart go at buyer's expense*, unless marked otherwise.

DISCOUNT ON SEEDS IN PACKETS.

On all orders for Seeds in Packets, the purchaser may select 25 cents worth *extra* for each \$1.00 sent us. This discount applies *only* on seeds in Packets, and cannot be allowed on seeds by weight or measure, collections, bulbs or plants. Always use our order sheets and send for more if required.

ARTICHOKE.

Green Globe.—Produces large globular heads; scales green, shading to purple; best for general use. Pkt., 5c.; oz., 30c.

JERUSALEM ARTICHOKE.

This variety is not produced from seed, but is cultivated for its tubers, which are especially valuable for stock-feeding and are now attracting much attention on account of their great fattening properties and productiveness, being well adapted to any soil where corn and potatoes can be grown. They are the best hog food known and are said to be a preventative of cholera and other hog diseases. One acre planted in *Jerusalem Artichoke Roots* will keep from twenty to thirty head of hogs in fine condition from October until April, except when the ground is frozen too hard for them to root, as they should not be dug in the fall, but the hogs turned into the field and they will help themselves by rooting for them. They are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. Three bushels of tubers are sufficient to seed one acre; cut to one eye the same as potatoes, planting in April or May in rows three feet apart and two feet in the rows, and cover about two inches deep. Price, lb., 30c.; 3 lbs. for 75c.; postpaid; by freight or express, peck, 60c.; bu., \$2.00; bbl. of 3 bu. (enough for one acre), \$5.50.

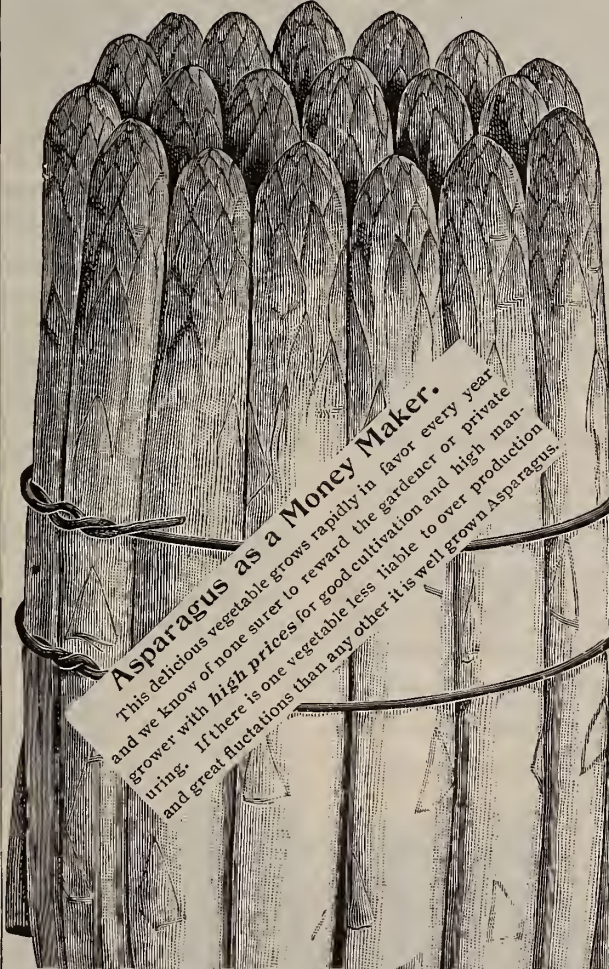
ASPARAGUS SEED.

Columbian Mammoth White.—

A new and entirely distinct variety that produces shoots which are white; and remain white, as long as fit for use. In addition to the advantage of its white color, it is more robust and vigorous in habit and throws larger shoots; and fully as many of them as the "Conover's Colossal" and requires no earthing up, as in the green sorts, in order to furnish the white shoots so much sought after. This grand result in producing a White Asparagus did not come by chance, but was the outcome of years of patient work and careful selection by the originator. Pkt., 10c.; 1/2 oz., 25c.; oz., 40c.; 1/4 lb., \$1.10; lb., \$4.00.

Plants of Columbian Mammoth White Asparagus.—We have had grown for us a limited number of plants from the introducer's original seed which we can supply at 20c. per doz., postpaid; \$1.00 per 100, by mail, \$1.25.

ONE OF THE MOST DELICIOUS AND HEALTHFUL VEGETABLES WE OFFER.



GALESBURG, ILL., Dec. 1, 1893. From what I have of the Columbian Asparagus I think it very fine. IRA ALLEN.

ANN ARBOR, MICH., Nov. 10, 1893. The Columbian Mammoth Asparagus came up finely and the plants are doing well. We cannot report as yet on quality. MRS. B. G. BUELL.

FARIBAULT, MINN. The seeds were all could be asked for. I shall look no farther for seeds, as they are satisfactory in every respect. MRS. C. B. PIKE.

ASPARAGUS.--Continued.

Conover's Colossal.—The standard variety, of large size, tender and of excellent quality. Pkt., 5c.; oz., 10c.; 1/4 lb., 15c.; lb., 45c.; 10 lbs. (not prepaid), \$3.00.

Barr's Mammoth.—We have secured seed of this fine sort of one of the foremost gardeners near Philadelphia. Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 60c.

PALMETTO.—It is of very large size, even and regular in growth and appearance. It is a very early sort and immensely productive and of the best quality. Pkt., 5c.; oz., 10c.; 1/4 lb.; 25c.; lb.; \$1.00.

ASPARAGUS PLANTS

(SPARGEL PFLANZEN.)

If they are to be sent by mail, add 50c. per 100 to these prices.

The earliest and best crop is secured by the use of roots. They can be set out in the fall or spring. The fall setting gives the earliest start next spring.

CONOVER'S COLOSSAL.—One year-old roots, per 100, 50c.; (by mail 75c.), per 1,000, \$4.50; 2 year-old roots, good plants, per 100, 85c.; per 1,000, \$6.00; 2,000, \$10.00; 5,000 for \$22.50; 3 year-old roots, per 100, \$1.25; by mail, \$2.00.

Giant Early Argenteuil.—This is the Largest, Earliest and most distinct sort of all the Asparagus sorts. Our stock is imported direct from Paris, France, from a specialist who supplies the largest Paris hotels. We believe this Asparagus in advance of any sort in this country. 1 year-old roots, 25 for 25c.; per 100, 75c.

BARR'S MAMMOTH.—The stalks are very large, frequently one inch in diameter, with few scales; the stalks retain their thickness completely up to the top of the shoots and have close, round heads. They are very quick growing and very light in color. The stalks are very tender and succulent, entirely free from woody fibre and make shoots fit for market in one day. 2 year-old roots, per 100, \$1.00; per 500, \$3.50; 1,000, \$6.00

Palmetto.—A very early and productive variety; quality the very best. 2 year-old sprouts, per 100, \$1.00; 500, \$3.50; 1,000, \$6.50.

ASPARAGUS CHICORY.

The leaves when boiled make a very delicious salad. It can be blanched and rendered very tender by simply covering with pots. Pkt., 10c.; 3 for 25c.

WHAT SOME OF OUR CUSTOMERS SAY ABOUT US.

GREENVILLE, PA.—I was so favorably impressed with your display at the World's Fair that I send you the enclosed order. Your rates are very reasonable and from your well known reputation I feel that I shall receive my money's worth. S. H. MILLER.

Professor of Natural and Physical Science Thiel College.

MONTICELLO, ILL.—We are pleased with the result of all the seed purchased of you, especially the Cauliflower, which took first premium at the county fair. D. N. KEMFER.

EAST ROCHESTER, OHIO.—All of the seeds received from you have given excellent satisfaction, no market gardener will be disappointed in them if proper cultivation is given them. They have given the best results. J. C. WILLIS.

ALEXANDRIA, MINN.—Danish Snowball Cauliflower I planted alongside of and under the same conditions as Henderson's Snowball, and the Danish was several days earlier, nearly everyone making a good flower and that in a very dry season. All the difference I could see was that Danish were not quite so close and averaged a little lighter. GEO. E. MIDDLETON.

JANESVILLE, WIS.—Everything I have ever received from you has given good satisfaction; accept thanks for prompt filling of my orders. MRS. WM. WHIPPLE.

ALGONA, IOWA.—I have found your seeds of first-class quality and true to name and as pure as it is possible to get them, and (what I think much of) a good square deal. Also wish to take this opportunity to thank you for favors and extras received in times past. A. E. KENNEDY, Market Gardener.



IMPROVED RED VALENTINE BEAN NEW EXTRA EARLY REFUGEE BEAN

BUSH GREEN POD VARIETIES. BEANS.

OUR PRICES FOR PACKETS, PINTS AND QUARTS INCLUDE PREPAYMENT BY MAIL.

If to go at buyer's expense (by freight or express), deduct 8 cents per pint or 15 cents per quart from prices quoted. Prices for larger quantities do not include transportation charges.

IMPROVED RED VALENTINE.

Our stock of this is extra choice.

This variety is at least ten days earlier than the Early Valentine and usually ready to pick in thirty-five days after planting. The pods are very thick and fleshy, of finest quality and unequalled in uniformity of ripening, which latter fact, combined with its earliness, make it one of the most profitable sorts for the gardener. Pkt., 10c.; quart, 40c.; peck, \$1.10; bushel, \$4.00.

EARLY ROUND POD SIX WEEKS, New.

One of the best green podded Beans in cultivation. It is extra early, a vigorous grower and very productive. Compared with the Long Yellow Six Weeks Bean it is more prolific, the pods are longer and entirely stringless. A most valuable kind for the market gardener. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.15; bushel, \$4.50.

Boston Favorite or Goddard.

Very tender and productive, much esteemed as a shell bean, being large and of a delicious flavor. Pkt., 10c.; quart, 40c.; peck, \$1.10; bushel, \$4.25.

Long Yellow Six Weeks.—Very early and productive and a good shell bean. Pkt., 10c.; quart, 35c.; peck, \$1.00; bushel, \$3.75.

China Red Eye.—A good early string bean and one of the best shelled. Pkt., 10c.; quart, 35c.; peck, \$1.00; bushel, \$3.75.

Low's Champion.—An excellent shell and string bean, pods large long and very abundant. Pkt., 10c.; quart, 40c.; peck, \$1.25.

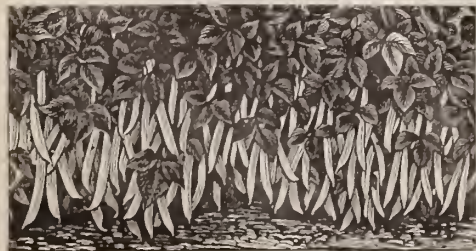
Improved Navy or Boston Pea Bean.

This is a crop which can profitably be grown to a much greater extent, than is now done, as it is of comparatively easy culture, and one that certainly pays better than most field crops. It ripens early, before any danger from frost in northern bean growing latitudes, and often yields sixty to eighty fold with ordinary field culture. Pkt., 5c.; quart, 45c.; peck, \$1.00; bushel, \$3.50.

White Marrow.—Good as a string or shell bean. Pkt., 10c.; quart, 35c.; peck, \$1.20; bushel, \$4.25.

White Kidney.—One of the best for shelling, either dry or green. Pkt., 10c.; quart, 35c.; peck, \$1.00; bushel, \$3.75.

Improved Tree Bean.—A valuable sort for field culture, the most prolific variety known. The beans are roundish, very white, of fine flavor and cook very even and quick. Pkt., 10c.; quart, 35c.; peck, \$1.00; bushel, \$3.50.



BOSTON PEA BEAN.

NEW EXTRA EARLY REFUGEE.

The earliest of the green podded sorts.

It has all the excellent qualities of the well known Refugees with the additional advantage of being ready for market at least ten days earlier. It is an immense yielder and always sure to produce a crop. Pkt., 10c.; pint, 25c.; quart, 45c.; peck, \$1.30; bushel, \$4.50.

Refugee.—Abundant bearer, one of the very best for pickling. Pkt., 10c.; quart, 35c.; peck, \$1.00; bushel, \$4.00.

Early Mohawk.—Very hardy, early and productive; an old reliable sort. Pkt., 10c.; quart, 35c.; peck, \$1.00; bushel, \$3.75.

Canadian Wonder.—Very prolific, beautifully shaped pods of from 12 to 16 inches in length, but tender and of a delicious flavor. Pkt., 10c.; quart, 40c.; peck, \$1.00; bushel, \$3.75.

Blue-Podded Butter.—Pods rich deep blue, about six inches long. It bears very freely and pods when cooked are of a rich green, very tender, stringless, and of a delicious flavor. Pkt., 10c.; pint, 30c.

JACKSON WONDER BEAN.

A dwarf or bunch variety growing from 18 to 30 inches high, immensely productive and very early. Pods broad and flat, containing from three to four beautifully variegated flat beans, similar in shape to the well known Lima, and in the dry state as shell beans, can be used the same as the Lima, but when the pods

are young they make excellent snap beans. It is not waxy, hence cooks easily and quickly, in fact, fills all the requirements for a good garden variety as well as a field sort. As a forage plant it is a valuable acquisition as it yields an enormous crop of ensilage or dry forage. Pkt., 10c.; or 3 pkts. for 25c.; pint, 35c.; quart, 65c.



JACKSON WONDER BEAN.

BEST OF ALL.—Pods are long, very fleshy, succulent and stringless, of good flavor. They are produced medium early and abundantly. Market gardeners in the neighborhood of New Orleans have long considered them the best of all. Although only known in the North to a limited extent, all planting them agree they well deserve the name. Pkt., 10c.; pint, 25c.; quart, 45c. peck, \$1.25; bush., \$4.50.

Ne Plus Ultra.—An extra early sort; green, full flat pods; exceedingly productive; also suitable for forcing. Pkt., 10c.; pint, 20c.; quart, 35c. bush., \$4.50.

Prices for packets, pints and quarts include postage. See note above.



CHALLENGE DWARF BLACK WAX BEAN | WARDWELL'S KIDNEY WAX BEAN

BUSH WAX POD BEANS.

CHALLENGE DWARF BLACK WAX.

The Earliest Wax Bean in Cultivation.

This new and distinct sort is fully *one week earlier than any other Wax Bean*, while its vigour and productiveness leave nothing to be desired. The pods are large and of good color, and ripen remarkably uniformly and well together. There is none better than this for *first early crop*. Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$1.50; bush., \$5.75.

New Prolific German Wax. (Cylinder Pod Dwarf Black Wax.)

While this new sort retains all the good qualities of its parent, German Black Wax, the pods are *straighter, larger and rounder*, and it is *more than twice as productive*. Pkt., 10c.; qt., 45c.; peck, \$1.40; bush., \$5.25.

Giant Yosemite Wax.

The pods of this new monster Bean average 10 to 14 inches in length, are nearly all *solid pulp and absolutely stringless*, cooking tender and delicious. In color they are of a rich golden yellow, the plant is a vigorous grower, is enormously productive, and if the pods are kept closely picked, new ones will constantly be produced. A very desirable variety. Pkt., 10c.; ½ pint, 30c.; pint, 45c.; qt., 80c., by mail, postpaid. By express, pint, 35c.; qt., 60c.; ½ peck, \$1.75; peck, \$3.00.

Dwarf German Black Wax.

Very fine flavor and a great bearer. Pkt., 10c.; qt., 45c.; peck, \$1.40; bush., \$5.25.

Dwarf Golden Wax.

Pods yellow, brittle; entirely stringless, a snap sort, and very prolific. Pkt., 10c.; qt., 40c.; peck, \$1.25; bush., \$5.25.

Crystal White Wax.

Transparent pods; stringless, good flavor; seed white. An extra good sort for the family garden. Pkt., 10c.; qt., 45c.

Flageolet Wax.

As early as Golden or Black Wax; the pods are of a beautiful golden yellow, much larger than those of the Golden Wax and of a better quality. It is a vigorous grower and one of the heaviest yielders and nearly always exempt from rust. Pkt., 10c.; quart, 45c.; peck, \$1.60; bushel, \$6.00.

SADDLE BACK WAX

(Burpee's).—This fine new variety is a cross between the Yosemite Mammoth Monster Wax and the Black-Eyed Wax. Pods are long, straight, round, very full of meat and are absolutely stringless. It is a very profuse bearer, the plants under ordinary field culture bearing 25 to 40 pods each. Pkt., 10c.; pint, 25c.; quart, 45c., by mail postpaid.

Black Eyed Wax.

A very early sort. Pods long, straight and rounder than those of the Golden Wax. They cook quickly, both as snap and shell beans. Pkt., 10c.; pint, 20c.; qt., 40c.; peck, \$1.35; bush, \$5.00.

Wardwell's Early Kidney Wax.

The Best Bean for the Market Gardener.

This new sort is *one of the earliest, hardiest and most productive* of all Wax Beans. It is nearly a week earlier than the Golden Wax, and yields one-third more, but the most valuable point in its favor is that it is *almost entirely free from rust* and spots. The pods are long and showy, very tender, stringless, and of excellent quality, and assume a rich golden color at an early stage of their growth. Pkt., 10c., pint, 25c.; qt., 45c.; peck, \$1.60; bush., \$6.00.

Golden-Eyed Wax, (Rust Proof).

The Chicago Gardeners' Favorite. This sort is undoubtedly one of the most profitable sorts for the market gardener, being *early, enormously productive and rust proof*; the vines are vigorous and hold the pods well off the ground; for private use we would not recommend it. Pkt., 10c.; qt., 40c.; peck, \$1.40; bush., \$5.25.

NEW REFUGEE WAX.

The Best Wax Pod Sort for Early and Late.

Of especial value to market gardeners, as it is suitable for *early or late sowing*, and for a wet or dry season. If sown in spring it will give seed in time for a second crop in fall. It is a perfect Refugee with *wax pods* that are long, round and of a *golden yellow color*, and an immense yielder. It is a variety that must prove a very valuable acquisition. Pkt., 10c.; pint, 30c.; qt., 50c.; postpaid.

SPECKLED WAX.

The Best General Crop Bean.

To be used either as *snaps*, green shelled or in the dry state. In maturity it

follows Challenge Black Wax, and Golden Wax very closely, and is the best sort to follow them for a succession. Pods long, cylindrical, crisp, tender, stringless and of a clear, *yellowish, waxy white color*. As the pods mature, they become splashed with crimson, and in this condition they may be used for shelled beans. Very prolific, and continues in bearing the longest of any. If you want to plant one variety to use for snaps, green shelled, and in the dry state, *plant this*. Pkt., 10c.; pint, 25c.; quart, 45c.; peck, \$1.50; bush., \$5.50.

Detroit Wax.—The handsomest and hardiest of all the Wax Beans. Very productive; pods straight and broader than those of Golden Wax; quality very good. It is also one of the very best green shelled beans, and excellent dry. Pkt., 10c.; qt., 45c.; peck, \$1.45.

ENGLISH BEANS.

Broad Windsor.—The best for general cultivation. Pkt., 10c.; pint, 30c.; quart, 50c.



GOLDEN-EYED WAX BEAN.

4 BUSH LIMA BEANS.

Burpee's Bush Lima.

Grows 18 to 20 inches high, each bearing from 50 to 200 handsome large pods, well filled with very large beans which are *identical in size and luscious flavor with the well-known large Pole Limas, and come absolutely true from seed.* By the introduction of this most valuable novelty, the largest and best Lima Beans can now be raised in quantity at small cost without the expense and labor attached to the use of poles. Pkt., 10c.; ½ pt., 30c.; pt., 50c.; qt., 90c.

Jackson Wonder Lima

A hush variety which originated in the South, where it is highly prized. The young pods are excellent used as snap beans, while the matured beans can be ground into a snow-white flour, and used for thickening soup. It matures early and is extremely prolific, from three to four beans in a pod. Pkt., 10c.; 3 for 25c.; pt., 35c.; qt., 65c.



BURPEE'S BUSH LIMA BEAN.

Henderson's Bush Lima.

While it cannot be said that this new Bean equals in size and quality the Improved Large Pole Lima, yet for convenience and practical use in the home garden it is a really good thing and deserves a permanent place among the Garden Beans in our catalogue. It grows without the aid of poles, in compact bush form about 18 inches high, is *very productive and at least two weeks earlier than any of the Pole Limas.* The beans are about the size of Sieva Lima and of good quality. Pkt., 10c.; ½ pt., 15c.; pint, 25c.; quart, 45c.

Dreer's Bush Lima.

Grows about 2 feet high, matures early and remains green for a long time after ripening. Compared with the old Large Lima, the individual beans are not so large, they are plumper and of a *far superior flavor.* Packet, 10c.

SPECIAL OFFER.—One packet each of the four Dwarf Limas, for 30 cents.

POLE BEANS.

Horticultural Lima, New.

This Bean being a cross between Dreer's Pole Lima and the Dwarf Horticultural, combines the rich, delicious flavor of the large Lima with the dry mealy character of the Horticultural and matures beans fit to use green as early as the latter. It originated along the Vermont shore of Lake Champlain, and is perfectly adapted to latitudes far north of where any Lima can be grown successfully. It is the hardiest, the earliest and the best quality of any green-podded pole bean; specially adapted for using green shelled. Pkt., 10c.; ½ pint, 25c.; pint, 40c.; quart, 70c.; postpaid.

Extra Early Jersey Lima.—About two weeks earlier than Large Lima, which is of great advantage to gardeners. Pkt., 10c.; quart, 50c.; peck \$1.80.

Willow Leaf Lima.—A very early sort, very productive and delicious. Pkt., 10c.; pint, 25c.; quart, 45c.

Evergreen Lima.—Very productive and of good quality. The beans are *evergreen* even when dry and shelled. Pkt., 10c.; pint, 30c.; quart, 50c.

LAZY WIFE.—The pods, of medium, dark-green color, are produced in great abundance, and measure from 4½ to 6 inches in length (the illustration represents a natural-size pod); they are broad, thick, *very fleshy and entirely stringless.* The pods retain their rich, tender and stringless qualities until nearly ripe; and are unsurpassed at all stages. Each pod contains six to eight round, white beans, which make excellent winter shell beans. They are late to mature but are valuable to extend the season. Pkt., 10c.; pint, 30c.; quart, 50c.

Early Golden Cluster Wax.—A desirable sort, only seven days later than the Dwarf Golden Wax. The pods are tender, six to eight inches long, of large size, borne profusely in clusters of three to six, and are of a beautiful golden yellow color, which they retain a long time after being picked. They snap easily, are stringless, cook tender and are delicious. Pkt., 10c.; pint, 35c.; quart, 60c. peck, \$1.85; bu., \$7.00.

Dutch Case Knife.—Good corn hill bean; one of the earliest Pole Beans; pods are long and flat; beans white; used green or dry. Pkt., 10c.; quart, 40c.; peck, \$1.50.

Horticultural Cranberry.—An old, popular variety, excellent as a snap or shelled bean; speckled. Pkt., 10c.; quart, 50c.; peck, \$1.45.

Giant Red Wax.—Long, yellow pods, thick and fleshy, tender and excellent as a snap bean; very productive, keeping in hearing a long time. Pkt., 10c.; quart, 50c.

Creaseback Pole Bean.—The best *EARLY green Podded Pole Bean.* A good grower and exceedingly productive. The pods grow from five to six inches long, perfectly round and are entirely stringless, very fleshy and of superb quality. An unusually good market and shipping sort. Pkt., 10c.; pint, 30c.; quart, 55c.

"King of the Garden Lima."

It is a vigorous grower, requiring but one pole to two vines. When not closely planted they set their beans early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. *The pods are of enormous size, many specimens measuring from five to eight inches, and producing up to seven beans to the pod, all perfectly formed and of superior quality.* Ours is the genuine stock. Pkt., 10c.; pint, 30c.; quart, 55c.; peck, \$1.75; bush., \$6.50.

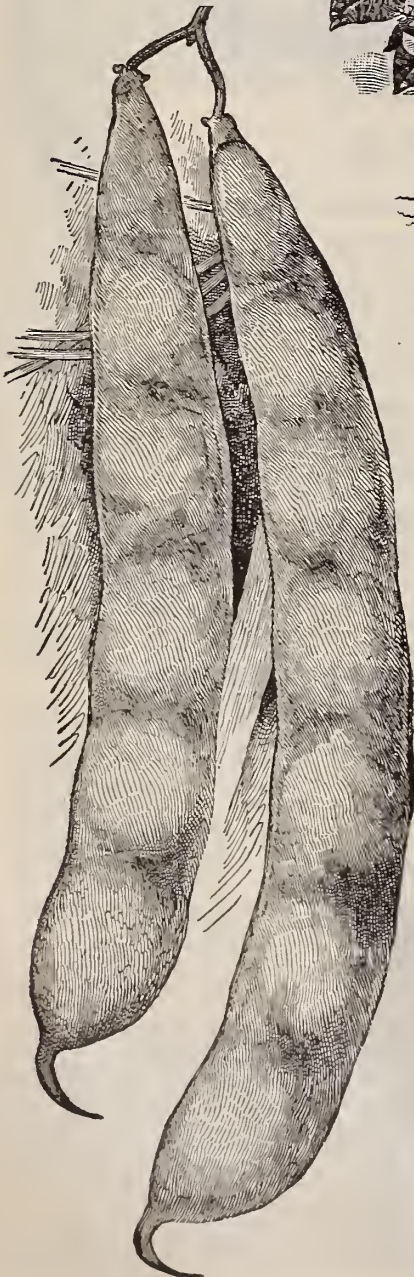
Large Lima, Selected Seed.

An extra selection of seed stock; large, fine beans. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.65; bush., \$6.00.

Large Lima.—Pkt., 10c.; quart, 45c. peck, \$1.75; bush., \$6.50.

Dreer's Improved Lima.—Earlier and more prolific than Large Lima; beans are smaller but of extra quality. Pkt., 10c.; quart, 50c.; peck, \$1.65.

Scarlet Runner.—A favorite both as a snap bean and for its flowers, which are bright scarlet; seeds broad and kidney-shaped. Pkt., 10c.; pt., 25c.; qt., 45c.; peck, \$1.75.



HORTICULTURAL LIMA.



LAZY WIFE.

Our Small Fruit Department has been greatly enlarged and prices reduced.

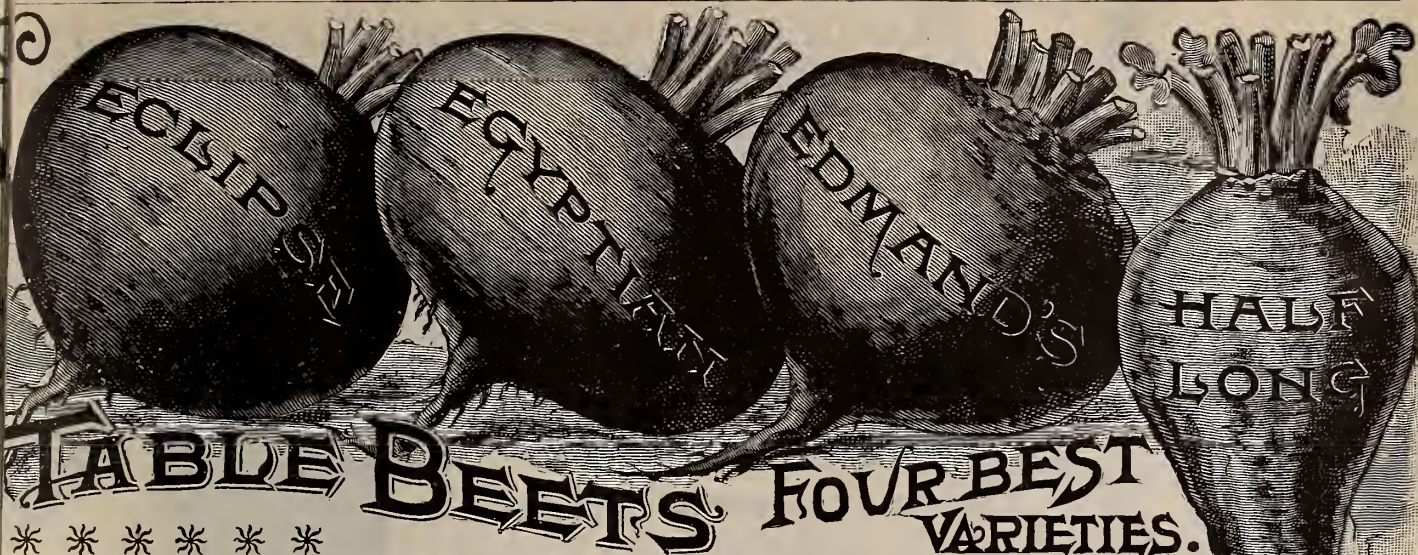


TABLE BEETS FOUR BEST VARIETIES.

THESE PRICES INCLUDE PREPAYMENT BY MAIL.

Crosby's Egyptian.—See third and fourth cover page. Pkt. 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.15, postpaid.

Black Queen, New. A very fine new sort which we can recommend very highly. The roots are pear-shaped, of medium size, fine form, nearly buried in the soil. The flesh is of a very deep color, almost black; the leaves are large, nicely crimped and of a very deep color. Pkt., 5c.; oz., 15c.

DETROIT DARK RED TURNIP.

A grand new Beet for bunching for market; tops exceptionally small and uniformly upright; roots are *perfect turnip shape, with small tap roots*. The principal fault with most turnip Beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found one of the *deepest red* Beets. Quality is of the *very best*, sweet and tender, well worthy of a trial this season. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Improved Early Egyptian.—The standard early market sort; color very deep red; tender and sweet; in form like the Flat Dutch Turnip. Our seed is a special selection of the darkest, earliest and most perfect roots with small tops. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Edmand's Early Blood Turnip.—One of the best Beets grown, being a very careful selection. The roots are of good form, round with only one single small tap root, the flesh is of a deep blood red color, and very sweet and tender. They can be planted very closely as they do not grow large and coarse and have a very small top. It is one of the best for the Market Gardener and for table use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Bastian's Blood Turnip.—Early, extremely quick grower, a favorite in Eastern markets owing to its fine flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.



COLUMBIAN BEET.

SWISS CHARD, Silver or Sea Kale Beet.—Cultivated for its leaves only, being used as Spinach; cooked like Asparagus. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

NEW HALF LONG BLOOD.

This is an entirely new and distinct variety—by far the best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody even in the exposed portions. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Dewing's Early Blood Turnip.

A week earlier than Blood Turnip; shape good, skin smooth, good for summer and winter use. Our stock is grown from specially selected roots. Excellent for the table. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Eclipse.—A very early, globe-shaped Beet, with small top and thin root; its skin an intense deep red, its flesh of very fine texture, in earliness and quality it is excelled by none. Many of our Market Gardeners prefer it even to the old standard variety, the Egyptian. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

New Columbia.—This distinct new Beet is early, of finest quality and great uniformity, both in roots and neat, handsome foliage, being of turnip shape, with smooth, clear skin and deep blood red flesh. It is as early as the Eclipse and of much better quality. A very valuable Market Gardener's variety. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

New Lentz.—This variety originated with one of the largest market gardeners in Philadelphia. It is as early as the Egyptian, but larger, of fine dark red color, a very small top, tender and sweet. It is very productive and a good keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Early Blood Turnip.—For summer and winter use. A very desirable variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.

Early Flat Red Bassano.—Medium early but very productive. Grows to a good size. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Round Yellow.—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.

Long Smooth Dark Blood.—A well-known winter sort, good shape, sweet and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

BRUSSELS SPROUTS.

A MOST DELICIOUS VEGETABLE.

Paris Market.—This is a very fine new variety, of half-dwarf growth, bearing handsome, solid, round sprouts of best quality, crowded together on the stalk, as shown in the illustration, one to two inches in diameter, resembling cabbages in miniature. The sprouts are used as greens, and become very tender and of rich flavor when touched by frost. Sow in May, and treat in the same manner as Winter Cabbages. Per pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.85.

To Market Gardeners

and Public Institutions who use seeds in larger quantities we will make special prices when they send in their list stating quantities wanted. We call special attention to our list of

Seeds in Bulk

which can be had free on application to market gardeners and truckers. Note also our **Cash Prizes** on largest yields of Onions grown from our seed.



PARIS MARKET BRUSSELS SPROUTS.

SEEDS POSTPAID BY MAIL. Please bear in mind that our prices throughout this book include payment of postage by us on all seeds ordered by the packet, ounce, quarter pound, pound, pint, or quart. Thus you have only to send us the catalogue price, and we guarantee safe delivery of the Seeds by mail, postage prepaid.

MANGEL WURZELS AND SUGAR BEETS.

MANGEL WURZEL.

(RUNKEL RUEBEN.)

THE importance and value of this crop to all stock farmers cannot be over-estimated, and is fully realized and acted on by very few farmers. When the fact is considered that 50 tons of Mangel Wurzels may be grown on a single acre, thus providing fresh and healthful stock food for the winter at so small an outlay, the wonder is that every farmer does not profit by it. We carry a very large stock of Mangel seed, and can sell the largest buyers. Write for estimates on larger quantities.

Culture.—Sow in April and May in thoroughly ploughed, well manured soil, in drills 2 inches deep and about 18 inches apart. Thin out to 12 inches, and keep the weeds down by frequent hoeing and cultivating. 4 to 6 pounds are required per acre.

VAUGHAN'S MAMMOTH LONG RED.

This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best long red Mangel and very valuable for stock feeding. They grow well over ground and are easily pulled. Our strain is an extra selection of the largest and thickest Mangels representing the true type. (See Figure 2.) Per oz., 5c; ¼ lb., 15c; 1 lb., 40c; 10 lbs., by express, \$3.00.

GOLDEN TANKARD.

The best Yellow Mangel in Cultivation.

A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and more nutritive matter than any of the red skinned sorts. It has already taken the lead of other varieties in England and is more relished by milch cows and sheep than any other. In shape it is almost cylindrical, narrowing abruptly at both ends. (See Figure 1.) Is very easily pulled, exceedingly hardy, and maturing earlier than other large sorts. Per oz., 5c., ¼ lb., 15c.; 1 lb., 45c.; 10 lbs. (by express) \$3.00.

NEW ESCHENDORF MANGEL.—A cross between the French Imperial Sugar—the sweetest of all—and the German "Wanzleben," a sort celebrated as a heavy cropper. In form it resembles the Tankard but is rather thicker at the lower end than at the top. Price, Eschendorf Yellow, oz., 5c.; 1 lb., 55c.

NEW GIANT YELLOW INTERMEDIATE MANGEL.—A decided improvement on the **Yellow Intermediate Mangel**, being considerably larger, more than half above the ground and of a more grayish or rather of russet yellow color. Flesh white, firm and sweet, much liked by cattle. (See Figure 1.) Oz., 10c.; ¼ lb., 20c.; 1 lb., 60c.

NORBITON GIANT.—Large; small top; one of the best long red varieties. (See Figure 2.) Oz., 5c.; ¼ lb., 15c.; 1 lb., 35c.; 10 lbs., by express, \$3.00.

CHAMPION YELLOW GLOBE.—Very nutritious and productive; good keeper. Oz., 5c.; ¼ lb., 15c.; 1 lb., 45c.; 10 lbs., by express, \$3.50.

HOW TO GROW VEGETABLE AND FLOWER SEEDS. Vaughan's Vegetable Garden just published gives full and complete cultural directions. FREE with every order for seeds to the amount of 35 cents or more.

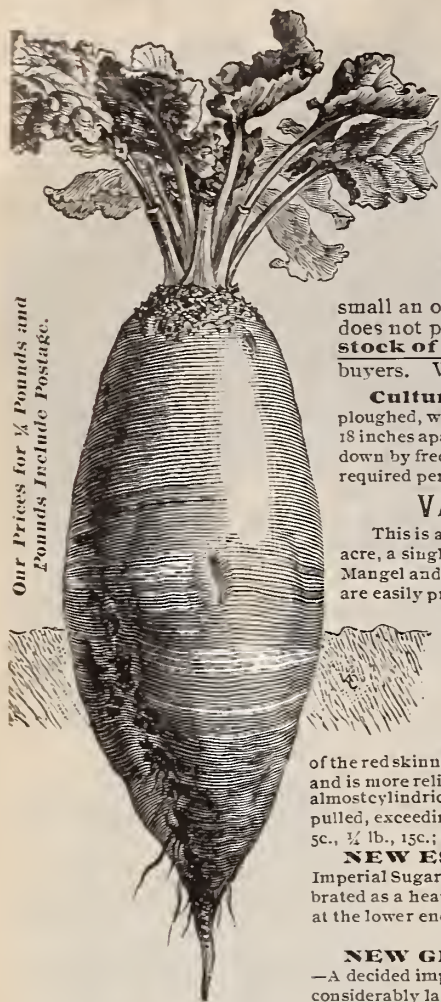


FIGURE 1.



FIGURE 2.

NORBITON GIANT.—Large; small top; one of the best long red varieties. (See Figure 2.) Oz., 5c.; ¼ lb., 15c.; 1 lb., 35c.; 10 lbs., by express, \$3.00.

CHAMPION YELLOW GLOBE.—Very nutritious and productive; good keeper. Oz., 5c.; ¼ lb., 15c.; 1 lb., 45c.; 10 lbs., by express, \$3.50.

SUGAR BEETS.

Vilmorin's Imperial.—An improved French variety exceedingly rich in sugar. Under average conditions it has yielded 14 tons of roots to the acre, containing about 16 per cent of sugar. (Fig. 3.) Oz., 5c.; ¼ lb., 20c.; 1 lb., 60c.; by mail, postpaid; by express, 10 lbs., \$4.00.

Klein-Wanzleben.—This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is a heavier yielder than VILMORIN'S IMPERIAL and contains from 13 to 15 per cent. of sugar. (Fig. 3.) Oz., 5c.; ¼ lb., 15c.; 1 lb., 40c.; by express, 5 lbs., \$1.50.

BORECOLE or KALE.

GRUEN-KOHL.

Dwarf Green Curled.—Very hardy; leaves numerous, long, of deep green color, filled and of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; 1 lb., \$1.00.

Tall Green Scotch.—Fine curled. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; 1 lb., \$1.00.

Tree Kale.—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; 1 lb., \$1.00.

Sea Kale.—Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00.

BROCCOLI.

SPARGEL KOHL.

Large White Mammoth.—Heads compact, large and white. Pkt., 10c.; oz., 40c.

Walcheren.—One of the best sorts; white and delicate. Pkt., 10c.; oz., 50c.

Purple Cape.—Large heads, of a brownish-purple color and good flavor. Pkt., 10c.

Lane's Improved.—A very popular variety for feeding stock; it is a heavy yielder and contains about 8 per cent of sugar. (Fig. 2.) Oz., 5c.; ¼ lb., 15c.; 1 lb., 40c.; by express, 5 lbs., \$1.50.

French Red=Top Sugar.—The most generally grown sort in France, as it combines with heavy yield a good percentage of sugar. It has produced 30 tons of Beets to the acre and contains from 10 to 13 per cent of sugar. The largest yields ever known have been obtained with this variety. (Fig. 2.) Oz., 5c.; ¼ lb., 15c.; 1 lb., 40c.; by express, 10 lbs., \$3.00.



KALE. Dwarf green curled. Pkt., 5c.; oz., 10c.



FIGURE 3.

If you receive two copies of our Catalogue you can do us a favor by handing one to a friend.

Waterloo, Iowa.—I have always had excellent success whenever seeds from your house have been sown, in fact everything from your establishment has been first-class. H. D. HATCH.

Mistakes are said to happen in best regulated families. When you find one on us, do not complain to the neighbors, but write us plainly in black ink just what is wrong, assuming (what we think is the fact) that we will rectify it.

COMBINE YOUR ORDERS for Seeds, Tools, Fertilizers, and secure the same in one freight shipment at lowest rates. Write for more Order Sheets if needed.



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AMSTERDAM FORCING.

An extra fine Carrot of superior quality. The root grows 6 inches long, is blunt pointed. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

GUERANDE OR OXHEART.

A thick Carrot 5 or 6 inches long and very blunt at the lower extremity. It grows very rapidly and the root attains a weight of more than a pound. It is tender and of good flavor and a variety we can recommend to all market gardeners. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.15.

DANVERS.—Selected Stock.

The best variety for general crop; it is of rich orange color, and a very heavy yielder; a splendid keeper. It is a first-class Carrot for all kinds of soils, and valuable both for table use and for stock. We have an extra fine strain of seed of this favorite sort, which we have sold several years with the greatest satisfaction to our customers. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.40.

Very Early Scarlet.—(French Horn.) For forcing, nearly round; 2 inches in diameter. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

Early Short Scarlet.—(Dutch Horn.) Stump rooted about 4 inches long. Pkt., 5c.; oz., 15c.; ¼ lb., 25c.; lb., 90c.

Half Long Danvers.—A very good strain of this sort. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Nantes Early Half Long Scarlet. Improved stump-rooted Horn. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

James' Intermediate.—This variety nearest resembles the Danvers, (it might be called two thirds long) but is thicker at the shoulder and heavier. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

CARROT.



CHANTENAY CARROT.

CHANTENAY.

One of the most perfect and uniform in shape, smooth, heavy yielder and fine table quality. Grows 5 or 6 in. long. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Improved Long Orange.

A well known sort, roots long, thickest near the crown, tapering regularly to a point; color deep orange; suitable for the table and main field crop. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Long White Green Top and Large Orange Belgian.

Each, pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

These two sorts are largely grown for feeding stock, especially horses and cows by whom they are much relished. They grow about 20 inches long, partly above ground, which renders the harvesting very easy, are enormously productive, keep well and are very nutritious.

Mitchell's Half Long.—In shape

like Nantes but larger and later. It is very productive and of a fine deep color. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 50c.

Saint Valery.—Grows straight and about 12 inches long. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Long Red without Core.—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

Long Scarlet Atringham. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

CARDON.

Smooth Large Solid.—Pkt., 5c.; oz., 15c.

VAUGHAN'S

EARLIEST DWARF ERFURT.

THE VERY BEST FOR FORCING AND EARLIEST IN OPEN GROUND.

For at least 40 years and probably more the city of Erfurt, Germany, has been renowned for its Cauliflower growing, and as a natural consequence its Cauliflower Seed. With the natural improvement which always follows large cultivation and selection, the Erfurters have brought their strain to the highest perfection. We find in various seed catalogues scores of alleged new Cauliflowers under new and fancy titles, but the real truth is, these are only selections of the Erfurt strains, than which none better can be had. We have seen fit for several years to import direct from Erfurt the highest priced seed obtainable of the above strain, *Earliest Dwarf*, and though others may have equally good, we believe none are better and find ours runs invariably true to type. It is of dwarf compact growth with short stalk and can be planted very closely as the leaves grow upright, protecting the heads. The heads are beautiful white, very large and firm, measuring 8 to 10 inches across, of fine grain and form quickly. Market gardeners who want the best should plant none but this kind. Pkt., 25c.; ¼ oz., \$1.60; oz., 6.00; ¼ lb., \$20.00.

Henderson's Early Snowball.

There are still a few of our customers who prefer to purchase this strain of Cauliflower in sealed packages and in order to accommodate them we have secured a supply. Pkt., 25c.; ¼ oz., \$1.00; oz., \$3.50; ¼ lb., \$12.00.

Extra Early Dwarf Erfurt.—A very fine strain, producing large, white, firm heads, close and of excellent quality. It is extra early, always certain to head, good for early or late. Pkt., 15c.; ¼ oz., 75c.; oz., \$2.75. ¼ lb., \$2.75. **LARGE EARLY ERFURT.**—This is a large and vigorous growing variety with large, white, firm heads. Best for late. Pkt., 10c.; oz., 75c.

CAULIFLOWER.

FOR PLANTS OF CAULIFLOWER SEE END OF VEGETABLE LIST.

No seed is more important than this as every gardener knows. It is one of the seeds in buying which price should never be questioned.



CAULIFLOWER, VAUGHAN'S EARLIEST DWARF ERFURT.

Vaughan's Danish Snowball.

It has given the most general satisfaction to all our customers; has proven invariably a sure header, in this respect having no equal. It has every desirable quality of size and snowy whiteness. The flower head is of very fine grain, dense growth, while the plant has a very short stem and close outer leaves. While we are aware that price is of little consideration in this critical seed, it cannot be denied that if equal quality may be maintained, a moderate reduction in price is not to be despised. This is the case with the *Vaughan's Danish Snowball*. With full knowledge that this seed is unequalled by any Cauliflower in the characteristics named above, we are able to supply the same at nearly one-fourth reduction from last year's price, and the most careful Market Gardener will make no mistake if he uses our *Danish Snowball* for his 1893 planting. Pkt., 15c.; ½ oz., \$1.60; oz., \$3.00; ¼ lb., \$10.00.

EXTRA EARLY PARIS.—A standard early variety. Pkt., 5c.; oz., 75c.; ¼ lb., \$2.00; lb., \$7.50.

Half Early Paris.—Largest for forcing, early. Pkt., 5c.; oz., 75c.

Lenormand's Short Stem Mammoth.—Heads of good substance Pkt., 10c.; oz., 60c.; ¼ lb., \$2.00; lb., \$7.50.

Walcheren.—A late sort, large white head. Pkt., 10c.; oz., 75c.

Autumn Giant.—Well protected by the foliage. Pkt., 10c.; oz., 50c.; ¼ lb., \$1.75.

Algiers.—One of the largest and best for late use. Pkt., 10c.; oz., 75c.; ¼ lb., \$2.50.

CHERVIL.—KOEBEL. Double Curled. Pkt., 5c.; oz., 20c.; ¼ lb., 60; lb., \$2 **CHICORY.—CAFFEEWURZEL.**

Large Rooted Magdeburgh.—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

Large Rooted Brussels or Whitloof.—Produces a white heart, which is used as a salad. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.



SELECTED EARLY JERSEY WAKEFIELD.

CHEAP

Cabbage Seed is the poorest investment in the world; the failure can never be known until an entire season's labor and outlay is lost. **OUR SEED** is grown from selected heads and saved from center shoots.



EARLY SUMMER (HENDERSON'S).

CABBAGE.

The prices below include prepayment by mail. For Cabbage plants see end of Vegetable Seed list.

SELECTED EARLY JERSEY WAKEFIELD.

THE BEST EARLY CABBAGE IN CULTIVATION.

It forms fine solid heads of good size, conical in shape, with very few out side leaves, and of the best quality. We offer this as the earliest strain of this standard variety. Grown only from select heads. Remarkably pure, and warranted to give satisfaction. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.25.

LARGE JERSEY WAKEFIELD.

This sort forms heads considerable larger than the EARLY WAKEFIELD, they are uniform, hard and solid and only a few days later. This sort is largely planted by market gardeners in the South and will be just as early on clay ground as the EARLY WAKEFIELD. We consider it the largest and best early cabbage. Pkt., 10c.; oz., 20c.; ¼ lb., 75c.; lb., \$2.60.

EXTRA EARLY EXPRESS.—France is undoubtedly in the front rank in producing many garden seeds and certainly so in the matter of early Cabbage. The New "EXPRESS" is from 8 to 10 days ahead of the Early Etampes, which it resembles in shape, though smaller. It has few outside leaves, and can be planted close. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.10.

Earliest Etampes.—Pkt., 5c.; oz., 20c.; ¼ lb., 55c.; lb., \$2.00.
Early Jersey Wakefield.—A very good strain, almost as good as our SELECTED. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.80.

Early Winnigstadt.—Sure to head on all soils. A great favorite with the Germans. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

Early Flat Dutch.—Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

Burpee's All-Head Early.—One of the earliest of large Cabbages, being a week earlier than Early Summer, fully one-third larger and sure to produce uniform and solid heads. Pkt., 10c.; oz., 20c.; lb., \$2.50.

Henderson's Succession.—About a week later than the Early Summer but of double the size, while it can be planted nearly as close, its outer leaves being unusually short. Pkt., 5c.; oz., 30c.

Early York.—Small early. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

All Seasons.—Nearly or quite as early as Early Summer; heads harder and larger and is as good for late market or winter use as for early. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.25.

St. John's Day Early Drumhead.—Pkt., 5c.; oz., 25c.; ¼ lb., 75c.

Filderkraut.—A German favorite. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

EARLY SUMMER (HENDERSON'S.)

This sort is too well known for special description. It still is the best second early variety grown and the seed we offer has been selected with special care, from heads of even size, large, solid and of good texture and we know that our seed gives entire satisfaction being a special market gardener's strain. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

VANDERGAW, OR VAUGHAN'S MARKET GARDENER'S.

One year before this variety was introduced and named, we secured a small stock and named it, *Vaughan's Market Gardener's*. A year later it was named and sent out as Vandergaw, and has been more largely sold under that name than ours, therefore not wishing to perpetuate synonyms we have concluded to drop the name we gave it and use only *Vandergaw*. If planted early it is ready for use nearly as quick as Henderson's Summer, while with late planting it may be used for fall or winter, being of good size and very solid. It is undoubtedly one of the best varieties for general crop and all purposes that can be found. Pkt., 10c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.25.

VAUGHAN'S BRIDGEPORT DRUMHEAD.

This is the standard shipping sort from this market. The home grown ordinary seed has sold as high as \$20.00 per lb. several times during the past ten years. Our local growers will have no other. Thousands of car-loads are annually used and shipped from Chicago south. It makes a large, round, firm head, which seldom bursts or rots. Since our introduction of this famous local sort to the public, seven years ago, the demand each year has exceeded our supply. The extra value of our seed is shown from the fact that several seasons we could have sold every ounce we had to our home gardeners at our regular rates. We again have a good supply this year, all raised from the largest, hardest and in every way most perfect heads and can make the price low enough so as to place it within reach of every market gardener. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

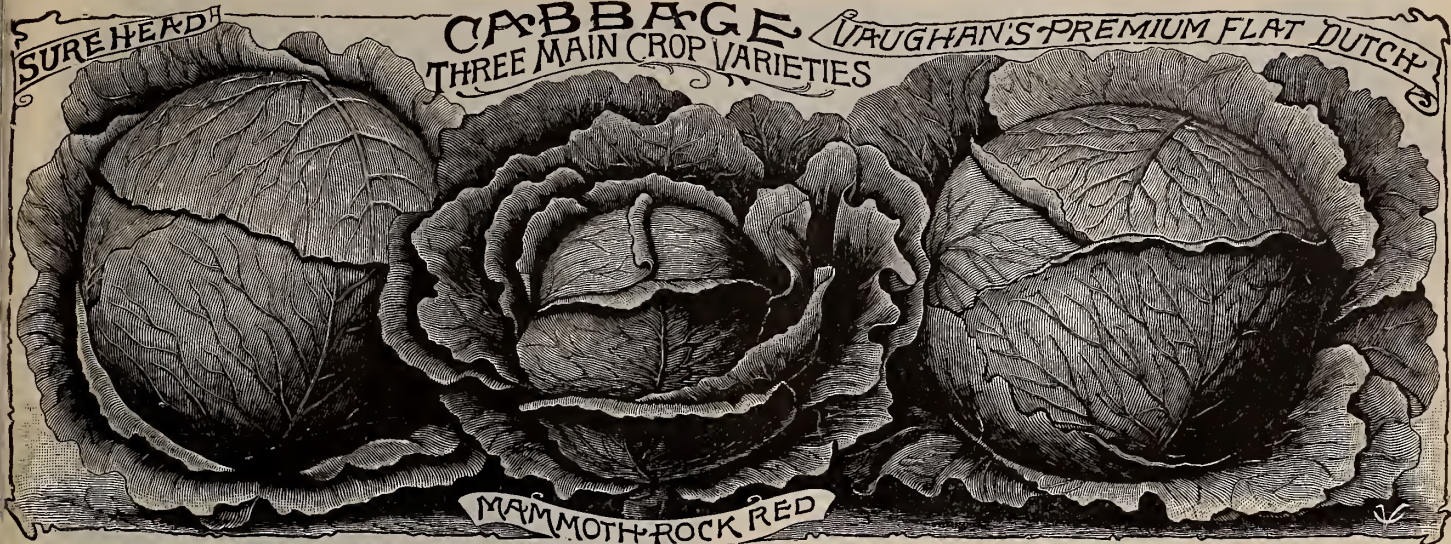
We also have a few lbs. of *Stock Seed* of one of the largest local shippers, which we can supply as follows. Pkt., 25c.; oz., \$1.00; ¼ lb., \$3.25.



VANDERGAW OR VAUGHAN'S MARKET GARDENER'S.



VAUGHAN'S BRIDGEPORT DRUMHEAD.



Burpee's SUREHEAD.—This sort produces large, round flattened heads which are of uniform size, very hard and of fine texture and weigh from 10 to 15 pounds. It is a good keeper and shipper, of fine quality and *certain to head* even in the most unfavorable seasons. A general favorite with market gardeners and large growers. Pkt., 5c.; oz., 25c.; ¼ lb., 65c.; lb., \$2.50.

Mammoth Rock Red.—The largest red Cabbage in cultivation. Heads deep red to the center and will frequently average 10 to 12 pounds each. A sure cropper and in every way a first class sort. Pkt., 10c.; ¼ oz., 10c.; ½ oz., 20c.; oz., 30c.

VAUGHAN'S PREMIUM FLAT DUTCH.—No Cabbage is so universally grown as this, because the seed may be sown in the open ground and the young plants raised without the use of hot beds—hence it is a universal favorite for general use. For heading, evenness of crop and size our strain of this cannot be surpassed. Pkt., 5c.; oz., 15c.; ¼ lb., 60c.; lb., \$2.00.

Dutch Winter or Hollander.

THE BEST CABBAGE FOR EARLY SPRING SALES.

For three years past shipments of Cabbages have been imported from Holland and sold in the Chicago market at prices nearly double those obtained for the product from our own gardens. So carefully has the source of supply been concealed that heretofore none of our gardeners have been able to obtain seed of this choice sort, though many attempts have been made; but through our connections with some of the largest seed growers in Holland, we have obtained a supply of the genuine seed, and offer it at such a price as to bring it within the reach of all gardeners.

The heads of this valuable sort are of medium size, averaging a weight of eight pounds, are *very solid and deep* and of a *fine white* color, making them entirely distinct from any other strain. Their quality is superior and they *keep better than any other sort*, the heads being just as solid and perfect when taken up in spring as when they were put away in the fall. No Cabbage will sell beside it, even it offered at half the price. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., \$1.00; lb., \$4.00.



DUTCH WINTER OR HOLLANDER CABBAGE.

Luxemburg or Hard Head.

Our market gardeners have for several years grown this variety, which was brought here by a German gardener who knew no name for it. It proved so valuable that the seed has been sold frequently at \$1.00 per ounce, and sometimes higher. It makes a *very hard head of good size* and extraordinary weight, and is remarkable for its *keeping qualities* when buried over winter. It is the best sort for late spring sales after all the other sorts are gone, when it commands a high price, owing to its dark green color, size and quality. *It is no doubt one of the most profitable sorts to grow* and every gardener should have it. Pkt., 10c.; ½ oz., 20c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

Fottler's Impr. Brunswick.

(SHORT STEM DRUMHEAD.)

Very uniform, large and solid and always sure to head. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.50.

Blue Fottler's.

We were the first who brought this excellent sort to the notice of our market gardeners. It forms large and solid heads, the leaves have a bluish tint, hence the name. Is a better keeper than FOTTLER'S IMPROVED. Pkt., 5c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.60.

Stone Mason.—A large, solid, late Drumhead, much used in Boston. Best Mass. stock. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

Marblehead Mammoth Drum-head.—Late; the largest Cabbage grown. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$3.00.

Louisville Drumhead.—Pkt., 10c.; oz., 25c.; ¼ lb., 90c.; lb., \$3.00.

Large Late American Drum-head.—An excellent, specially selected strain of this standard variety for the main crop. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

Warren's Improved.—Pkt., 10c.; oz., 25c.; ¼ lb., 95c.; lb., \$3.50.

Autumn King. (HENDERSON'S.)—Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

RED CABBAGES.

Extra Early Dark Red Erfurt. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

Dark Red Dutch.—Heads hard, flat and large. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

RED DRUMHEAD.—Head rounded, exceedingly hard; very deeply colored. The best for field culture and an excellent keeper. Pkt., 5c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.

GIANT RED ERFURT.—Very deep red and hard as a rock. Pkt., 5c.; oz., 25c.; ¼ lb., 85c.; lb., \$3.00.

SAVOY CABBAGES.

Extra Early Paris Savoy.—This is the earliest Savoy; of good size, with solid heads beautifully crimped. Pkt., 5c.; oz., 25c.

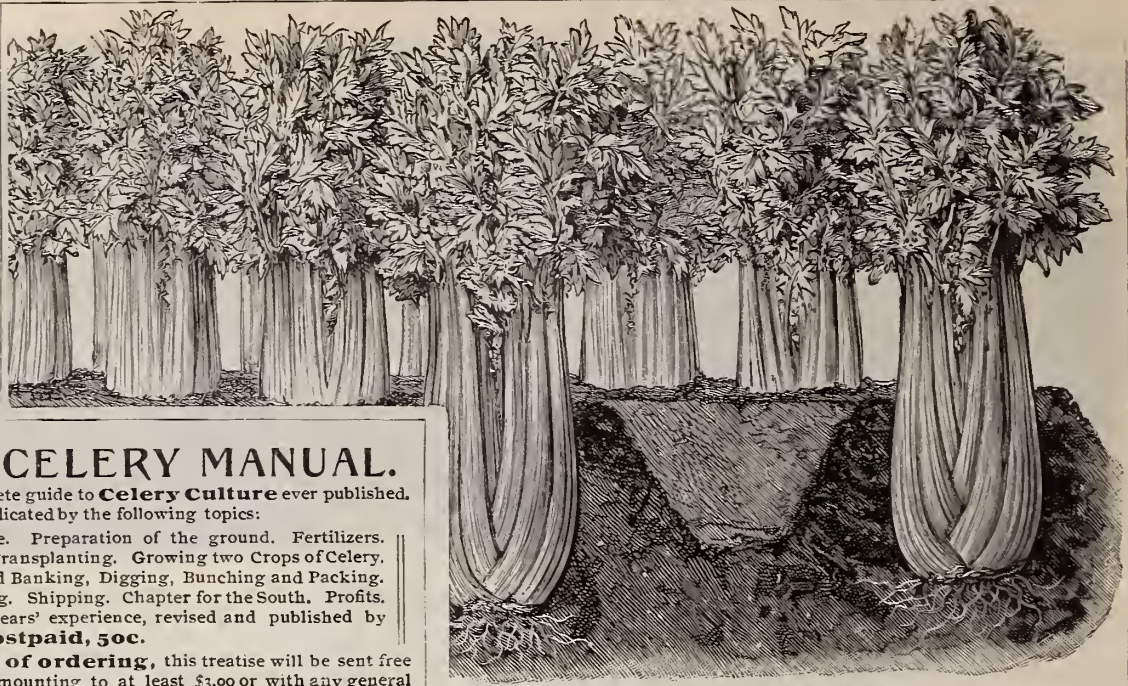
Small Early Ulm Savoy.—Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

MARVIN'S SAVOY.—This very distinct and uniform Savoy originated in a Long Island family, who have followed the trucking business for a century. The Cabbage is not only very large and solid, but very curly, and will give 90 to 95 per cent. of good heads in every field. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

IMPROVED AMERICAN SAVOY.—Best late Savoy. Makes large and solid heads and is of excellent flavor. Gardeners who plant Savoy Cabbage largely should use this sort. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.



MARVIN'S SAVOY CABBAGE.



GIANT GOLDEN HEART CELERY.

VAUGHAN'S CELERY MANUAL.

The only practical and complete guide to **Celery Culture** ever published. It embraces all the questions indicated by the following topics:

Preface. Soils and Drainage. Preparation of the ground. Fertilizers. Varieties. Plant growing. Transplanting. Growing two Crops of Celery. Double Cropping, Hilling and Banking, Digging, Bunching and Packing. Winter Storage and Bleaching. Shipping. Chapter for the South. Profits. By a practical grower of 20 years' experience, revised and published by J. C. Vaughan. **Price, postpaid, 50c.**

If requested at time of ordering, this treatise will be sent free with every Celery seed order amounting to at least \$3.00 or with any general order for other Seeds amounting to not less than \$5.00, provided request is made for this premium when sending the order.

CELERY.

FOR CELERY, PEPPER AND TOMATO PLANTS, SEE END OF VEGETABLE LIST.

Chicago is one of the Largest Celery Markets in the World, and our strains for Market Gardeners' use are unexcelled.

VAUGHAN'S GIANT GOLDEN HEART.

Among the new vegetables grown as specialties by the Chicago Market Gardeners and which we have from time to time introduced to the public through our Catalogue, this desirable Celery is perhaps the most prominent, because of the great value and extent of cultivation of this article in the vicinity of Chicago. This variety was originally produced by a careful selection from the Dwarf Golden Heart by a local gardener, who had made the need of this market his study for years. The quality is fully equal to the original stock and in habit of growth is considerably taller than its parent variety; *the stalks are very thick, perfectly solid* and of excellent flavor. Another quality and one for which we most highly recommend it to the gardener, is *its excellent keeping habit*. In this respect we consider it *the best Celery for winter storage* for market or for the private planter. It is well known that in keeping quality the White Plume is lacking, though excellent for early use, and our Giant Golden Heart is indispensable for the late market. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.00.

HENDERSON'S WHITE PLUME.

A handsome, crisp sort of very easy cultivation. Naturally its stalks and portions of its inner leaves and heart are white, so that by closing the stalks either by tying or by simply drawing the soil up against the plant and pressing it together, the work of blanching is completed without the additional troublesome process of "banking" or "earthing up." *Its eating qualities are equal to the very best* other sorts, being crisp, solid and of a rich nutty flavor. It is not as good a keeper as our Giant Golden Heart, but it is unsurpassed for fall and early winter use and is the *earliest Celery known*. Pkt., 5c.; oz., 25c.; ¼ lb., 80c.; lb., \$2.50.

Dwarf Golden Heart.—The most popular variety of all. Its handsome color, medium size and fine flavor render it the leading sort both for home and market use. It is one of the best keepers. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Early Arlington.—Pkt., 5c.; oz., 20c.

Boston Market.—This variety is regarded as possessing the finest table qualities; popular for home use. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

PERFECTION HEARTWELL.—A strong grower; solid, never hollow and an excellent keeper; one of the best market sorts. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Crawford's Half Dwarf.—Is seldom hollow, of rich flavor. Pkt., 5c.; oz., 20c.; lb., \$2.25.

Shawmont, Mont.—I grew the finest Celery in the country from the Vaughan's Giant Golden Heart Celery its flavor cannot be excelled. The other seeds were excellent. From those Onion Sets I raised Onions as large as saucers. F. G. Meyers.

GOLDEN SELF BLANCHING.

The introduction of this and the White Plume marked a decided advance in the use of this vegetable by all amateur growers. The time and labor required in blanching are in these kinds nearly overcome. This strain is no doubt to-day the finest in cultivation for the home garden. Our seed from the original Paris introducers is as pure a strain as exists. Its rich golden yellow color, its close habit and compact growth, and greater than all, the readiness with which it is bleached and rendered marketable, make it invaluable to the gardener and exceedingly popular with every planter. The entire stalk is solid, crisp, and a much better keeper than the White Plume. Pkt., 5c.; oz., 30c.; ¼ lb., 85c.; lb., \$2.75.

Chicago Dwarf Golden Heart.—A selection from Dwarf Golden Heart. This variety *does not show one hollow stalk in one thousand dozen*. It is of fine appearance, excellent flavor and blanches easily. Can be safely planted for main crop. Pkt., 5c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.00.

NEW GIANT PASCAL.—The latest and best variety of Celery. It is a selection from the Golden Self-Blanching, and adds to the general good qualities of its parent, superior keeping qualities. The stalks are *very large, thick, solid*, crisp and of a rich nutty flavor, free from any trace of bitterness *it blanches very easily* and quickly and retains its freshness a long time after being marketed. The heart is golden yellow, very attractive in appearance. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

NEW ROSE.—Of superior flavor and crispness; hardy and a good keeper. Pkt., 5c.; oz., 25c.; ¼ lb., 80c.; lb., \$2.50.

SOLID IVORY.—Very dwarf and compact, allowing close cultivation; its color white throughout. It is one of the most solid and crisp eating sorts, its flavor cannot be excelled. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

GIANT White Solid.—Attains a very large size, is of quick growth, very solid, blanches perfectly white; of fine flavor. Pkt., 5c.; oz., 25c.; ¼ lb., 65c.

Red Giant Solid.—Pkt., 5c.; oz., 25c.

Old Celery Seed.—Used for flavoring. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

Racine, Wis.—The Golden Heart Celery was very good, of good flavor and solid. Hanche Bros.

CELERAIC.—KNOLLEN SELLEIE.

GIANT PRAGUE.—The roots are almost globe-shaped, very even and without rootlets except on the under part. They are usually double the size of those of other varieties and the leaf-stalks are stouter. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.60.

Large Erfurt.—Roots large, smooth and of excellent flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

Apple Shaped.—Smaller than above but smoother. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

Large Improved Paris.—New.—An extra selected strain, used extensively in Paris. It will produce extra large and smooth roots if planted in well rotted hot-bed manure. Pkt., 5c.; oz., 50c.

Driftwood Celery Garden, Canastota, N. Y.—The Celery grown from your seed is the finest in this vicinity. I had over 500,000 plants and could have sold many more if I had them. W. P. Thornton.

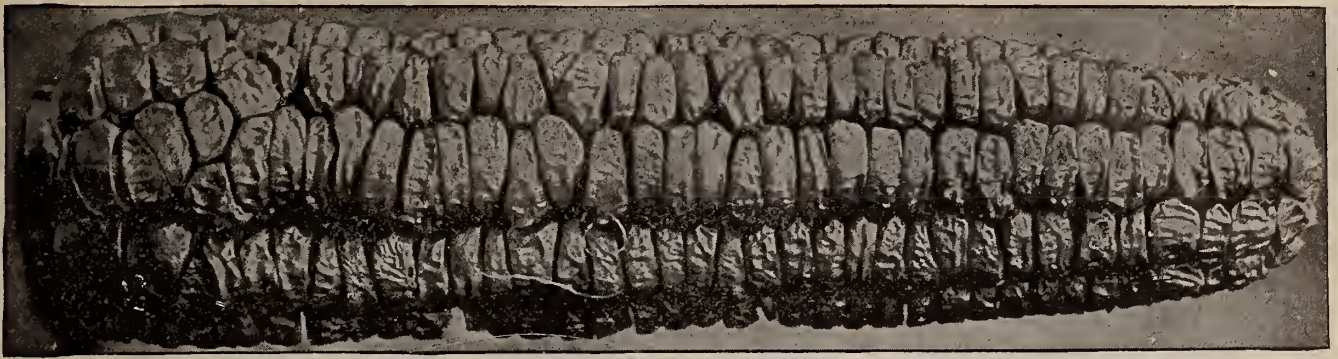
Dover, Ill.—I must say from all the seeds I have had from other seed stores, yours have done the best, so you may expect that I shall be one of your regular customers after this. Jacob Jackson.



GIANT PRAGUE CELERAIC.

BURBANKS

EARLY MAINE.



SWEET CORN. THE great popularity of this vegetable in American homes prompts us to call especial attention to the improved table qualities of our new varieties emphasized below. They deserve your trial.

At the rates mentioned *we prepay all Packets, Pints and Quarts.* If wanted to go at buyer's expense, 10 cents per quart may be deducted. Prices on Pecks and Bushels *do not* include prepayment. **Write for special quotations on larger lots.**

== NEW EARLY CHAMPION. ==

Produces ears 12 inches long in sixty days.

This new variety is without question the *earliest large Sweet Corn* yet introduced, being only a few days later than the first early small sorts. Ears nearly as large as the Mammoth twelve-rowed; pure white kernels, with medium-sized white cob. Very sweet, tender and full of milk; yielding from two to three ears to the stalk. Pkt., 10c.; pint, 25c.; qt., 40c.; peck, \$1.35; bushel, \$4.00.

== Burpee's First of All. ==

This new variety matures from three days to a week earlier than the Cory, making it not only very desirable for family gardens, but extremely valuable to grow for market, where the earliest Corn always brings the highest prices. The ears are of medium size (10 to 12 rows), larger than Cory, and of superior quality. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, 95c.; bush., \$3.00.

Burbank's Early Maine.—It has a *pure white cob, with a rich cream white kernel*, sweet and juicy. Shows none of the red shade like Cory or Marblehead when cooked for the table. *A fine ear, of good size.* Pkt., 10c.; pint, 20c.; qt., 35c.; ½ peck, 65c.; peck, \$1.00; bush., \$3.25.

Early Cory.—One of the earliest Sweet Corns. Ears about 6 inches long, generally two or three ears to the stalk; first ears are fit for use in about 44 days after planting; owing to its earliness one of the best for market. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, 80c.; bushel, \$2.75

Early White Cory.—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Very early and a good variety. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.50.

Ford's Early.—A most desirable extra early Corn, only a few days later than Minnesota. Pkt., 5c.; qt., 30c.; peck, 85c.; bush., \$3.00.

Perry's Hybrid.—*There is no better second early* for the market gardener. It is nearly as early as Early Minnesota, but makes a larger ear. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, 75c.; bushel, \$2.60.

Red Evergreen.—A sport from the common Evergreen; large ears, 12 to 14 rows, and kernels of a dark ruby red color. Pkt., 5c.; pint, 20c.; qt., 30c.

== Improved Ne Plus Ultra. (COUNTRY GENTLEMAN.) ==

Heretofore the Black Mexican Sweet Corn has been considered the sweetest variety known, not being equalled by any other sort, but the color, which is of a bluish tint when ready for the table, has always been a serious objection. In the "Country Gentleman" we have a most valuable substitute for the Black Mexican, as it furnishes *long ears*, averaging 12 inches, *snow white kernels*, very *deep*, and is without doubt the *sweetest and most tender* of all sweet corns. In time it matures a little earlier than "Evergreen." We can safely say, it is the best corn for private use and the gardener who has a private family and fancy grocery trade. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, \$1.00; bush., \$3.70.

VILLISCA, IOWA.—All the seeds we received from you proved to be the very best we ever used. Everyone that purchased *Sweet Corn* of us claimed it to be the best they ever used. L. W. CHILDS.

Bonanza.—Another very fine sort with very large ears, fit for use as early as the Perry's Hybrid. Pkt., 5c.; qt., 30c.; peck, 75c.; bush., \$2.60

Old Colony.—A sweet, tender sort; stalks six to eight feet high, with large handsome ears, 10 to 12 rowed. A selection of the Evergreen type, *but about ten days earlier.* A desirable sort for market and home use. Pkt., 5c.; pint, 20c.; qt., 30c.; peck, 80c.; bush., \$2.75.

Stowell's Evergreen.—This variety is too well known to need any description. Our strain is very choice. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, 60c.; bush., \$2.10. Prices for larger lots on application.

Gold Coin.—Remarkably distinct and handsome. It is very productive, *yielding two mammoth ears to the stalk.* The cob is snowy white, covered with large yellow grains. Pkt., 5c.; pint, 20c.; qt., 30c.; peck, 85c.; bush., \$3.00.

Improved Ruby.—Entirely distinct from other varieties, by reason of the stalks and husks, which are of a handsome dark red color. Ears large, kernels pure white and of most delicious flavor. Matures a little earlier than Evergreen. Pkt., 5c.; pint, 20c.; qt., 30c.

Blue Island, Ill., Nov. 10, 1893.—Your seeds have always given entire satisfaction. The Champion Sweet Corn was good. M. C. Eames.

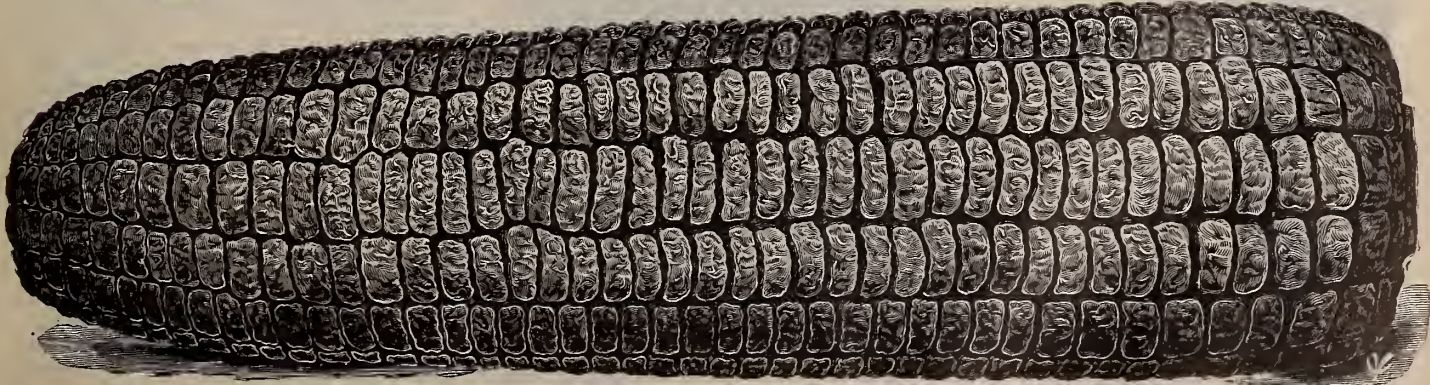
== TOO WELL KNOWN STANDARD VARIETIES. TO NEED DESCRIPTION. ==

Price for the following kinds: *pkt., 5c.; pint, 15c.; quart, 30c.; not prepaid, peck, 75c.; bushel, \$2.60.*

Ne Plus Ultra.	Black Mexican.	Early Crosby.	Potter's Excelsior.	Late Mammoth Sugar.
Early Minnesota.	Pee and Kay.	Adams Early.	Triumph.	Moore's Ea. Concord.
Chicago Market.	Hickox Improved.	Shaker's Early.	Egyptian.	

Field and Pop Corn.—See "Farm and Field Seed." **Write for price on Sweet Fodder Corn.**

== CORN SALAD.—ACKER SALAT. Large Round Leaved.—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c. ==



CHAMPION SWEET CORN.



VAUGHAN'S WESTERN GROWN CUCUMBER SEED

WESTERFIELD CHICAGO PICKLE.

Like our Bridgeport Cabbage, Chicago Market Melon, and Giant Golden Heart Celery, this is a specialty first sent out by us and now become a standard variety among the gardeners and seedsmen of the country. We supply the leading seed growers of the country with our *selected seed*. It is **UNDOUBTEDLY THE BEST CUCUMBER FOR PICKLES**, and is used almost exclusively by our pickle factories. The fruit is of medium length, pointed at both ends, with large and prominent spines; color deep green; begins to set its fruit when the vines are quite young.

Selected Seed, Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Ordinary Seed, (Grown from Westerfield's Stock.) Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.; 5 lbs., by express, \$2.25.

ARLINGTON WHITE SPINE.

A remarkably fine strain, growing very even in size and regular in form. It is especially recommended to market gardeners from the fact that the first set on the vines is unusually even in form and size, and continue so through the season; retains its color longer than any other. This variety is used extensively by Southern truckers. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Chicago Giant.—Fruits of this variety are long, 14 to 18 inches, cylindrical in shape, crisp and firm, and are fit for the table almost as early as the shorter sort; they are almost solid meat, being *nearly seedless*, which accounts for the high price of seeds. Pkt., 10c.; 3 for 25c.; $\frac{1}{2}$ oz., 35c.

New Siberian.—This has proved to be the *earliest sort in cultivation*, producing cucumbers 5 inches long in about fifty-five days. It is very productive and valuable for forcing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Bennett's White Spine.—Fruits seven to ten inches long and proportionately thick throughout, being as full at both ends as in the center. Is a week earlier than Improved White Spine, and retains its glossy dark green color a long time on the vines. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

Extra Early Green Prolific.—Like that enormously productive pickling cucumber, the Green Prolific, but from *ten days to two weeks earlier* in season. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Parisian Prolific Pickling.—Unusually crisp and brittle for pickles and very fine for slicing as well; fruits long, slender and cylindrical, densely covered with fine prickles. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

Improved White Spine.—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Peerless White Spine.—Pkt., 5c.; oz., 10c.; lb., 75c.

Talby's Hybrid.—Pkt., 5c.; oz., 10c.; lb., 80c.

Cool and Crisp.—Pkt., 5c.

Early Netted Russian.—Pkt., 5c.; oz., 10c.; lb., 60c.

Nichol's Medium Green. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.

White Wonder.—Pkt., 5c.

Small West India Gherkin.—Used for pickling. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

HILL'S FORCING CUCUMBER.

An extra early, improved strain of Arlington White Spine which we believe will supplant all the older strains. It is of very uniform size, and shape, very productive, of extra fine flavor and equally valuable for frame culture and outdoors. The cucumbers grow much more compact about the hills than most other kinds. Its earliness, appearance and productiveness will make it a favorite for early forcing and shipping, especially from the south. We can recommend this cucumber to all our gardener friends as a better White Spine than they have heretofore had. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Thorburn's Commercial Pickle.—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

NEW EVERBEARING.

It is of small size, *very early*, *enormously productive*, and valuable as a green pickler. The one vine exhibits at the same time cucumbers in every stage of growth, the small ones being perfect in shape, of a fine green color, and just the size for pickling. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Giant White.—The fruits are always of a pure waxen white, from the time they are first set until matured, uniform, straight and perfectly smooth; flesh very solid, with few seeds. Pkt., 10c.; oz., 25c.

Extra Long White Spine.—They grow 10 to 12 inches long, and when about five inches long make good pickles. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Evergreen White Spine.—This new sort grows extra long, is of handsome and smooth shape, *very early* and *prolific*. It differs from the other strains of White Spine in the fact of *always remaining of deep green color*. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Improved Long Green.

—Produced by selecting from the Long Green; forming fruit fit for the table nearly as early as the shorter sorts, about twelve inches long, firm and crisp, with very few seeds. The young fruit makes one of the best of pickles. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Giant Pera.—One of the largest long green Cucumbers in cultivation. Skin perfectly free from spines, flesh crisp and white. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.

Livingston's Evergreen.—Extremely prolific. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., \$1.00.

Early Cluster.—Pkt., 5c.; oz., 10c.; lb., 60c.

Early Frame.—Pkt., 6c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Green Prolific or Boston Pickling.—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.

Serpent or Snake Cucumber.—Grows curled up like a snake, and often six feet in length. Pkt., 10c.

FORCING OR FRAME CUCUMBERS.

Rollison's Telegraph.—Grows about 18 inches long, bright green color, perfectly smooth. Pkt., 10c.

Noa's Forcing.—A most excellent sort, very prolific. Pkt., 15c.

Large growers of Cucumbers should write us for special prices in quantity.

Cress or Pepper Grass.

GARTEN CRESSE.

Curled Garden.—Pkt., 5c.; oz., 10c.; lb., 50c.

Water Cress.—Used as a salad or raw. Pkt., 10c.

New Upland Cress.—Has the highly prized flavor of Water Cress. It is so hardy as to be green nearly the whole year, and is ready for use before any other salad, in the spring. Pkt., 5c.; $\frac{1}{2}$ oz., 30c.



WATER CRESS.

Water Cress.

THE pleasant and peculiar flavor of the water cress, and also the hygienic properties have caused it to be highly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of fresh pure water; it is not even necessary it should be running water, it can be renewed often enough to keep it clean and pure. It can be grown without water even, in tubs half filled with good soil and kept in a moist shady position with an occasional watering. Our packages contain full cultural directions. Price, per pkt., 10c.; 3 for 30c.; oz., 50c.



CURLED ENDIVE.

DANDELION.—LOEWENZAHN.

Dandelion as a MONEY CROP is fast becoming the favorite green in the market.

Thick Leaved or Cabbaging.—An improvement on the common sort, the leaves being double the size. Pkt., 10c.; oz., 40c.

Improved.—Very early, especially fine for forcing.—Pkt., 10c.; oz., 50c.

EGG PLANT.—EIERFRUCHT.

New York Improved Large Purple.

The leading market sort; very large and smooth, fine dark color; very profitable and of excellent quality, smooth and without thorns. We have a very fine strain of this sort. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.50; lb., \$5.00.

Black Pekin.—Fruit round, almost black; flesh white; very solid; fine grained and delicious; very early and almost as large as the later sorts. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.25.

Very Early Dwarf.—Earliest of all, it resembles the New York Improved in shape and color; is smaller and earlier; valuable for northern sections. Pkt., 5c.; oz. 30c.

ENDIVE.—ENDIVIEN.

GREEN CURLED SUMMER.—A fine market sort; for early use. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.80.

Green Curled Winter.—Tender green leaves, blanch white, hardy. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.80.

MOSS, VERY FINE CURLED.—Tender, fine quality. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.

Broad-leaved White.—Leaves large, broad, slightly curled; tie up for blanching. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Ever White Curled.—Large leaves, pale green, crisp and tender. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

GOURDS.—ZIER KUERBISSE.

Towel Gourd or Luffa.

The peculiar lining of this gourd is of a spongy, tough and very durable texture, which renders it very valuable for all household purposes. Many ladies prefer a dish cloth made from it to anything else, as it is always sweet and clean and as long as any part of it is left, it is as good as new—as the fibre wears away almost imperceptibly. For the bath and toilet purposes it takes the place of the sponge. Pkt., 5c.

SUGAR TROUGH GOURD.—They grow to hold from 4 to 10 gallons each, have thick, hard shells, very light, but durable. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

DIPPER GOURD.—Valuable for household purposes. They make dippers of various sizes, which will last for years. Pkt., 5c.

Japanese Nest-Egg.—Resembling in color shape and size, the eggs of hens, and do not crack, and are uninjured by cold or wet, and therefore make the best nest-eggs. Pkt., 10c.; 3 for 25c.

For other Gourds see Flower Seeds.



NEW YORK PURPLE EGG PLANT.



VERY EARLY DWARF EGG PLANT.



LARGE MUSSELBURGH LEEK.

GARLIC.—KNOBLAUCH.

The Garlic is the most pungent in taste and has the strongest odor of all the onion family. It is largely used in the south of Europe, where it is esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs, called "cloves," which are planted in the spring. Bulbs, per lb., 30c., postpaid.

HERBS. VARIETIES WITH AN * ARE PERENNIALS.

	pkt. oz.		pkt. oz.
Anise.....	5 10	*Lavender.....	5 25
*Balm	5 25	*Pennyroyal.....	10
Bene.....	5 15	Pot Marigold.....	5
Bohnen Kraut.....	5 15	*Rosemary	5 50
Borage	5 15	*Rue.....	5 15
*Caraway.....	5 10	Saffron.....	5 15
Catnip or Catmint.....	5 40	Sage..... (lb., \$1.75)	5 15
Coriander.....	5 10	Summer Savory.....	5 15
Dill..... (lb., \$1.25)	5 10	Sweet Basil.....	5 15
*Fennel.....	5 15	Sweet Marjoram	5 15
*Henbane.....	5 20	*Tarragon.....	5 15
*Hop.....	10	*Thyme..... (lb., \$3.00)	5 30
*Horehound.....	5 35	Winter Savory.....	5 20
Hyssop.....	5	*Wormwood.....	5 20

HORSE RADISH.—MEER-KETTIG.

If to go by mail, add 10c. per 100 for postage.
Horse Radish Sets.—Doz., 15c.; 100, 75c.; 500 for \$3.00.

KOHLRABI.—OBER-KOHLRABI.

SHORT TOP EARLY EFFURT.—Excellent for forcing and open ground; flesh white and very tender, leaves very short. Pkt., 5c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.50.

Early White Vienna.—White, tender. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Early Purple Vienna.—An excellent sort. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.

GOLIATH GOURD.—An extra large variety used extensively for feeding cattle and sheep in winter, and excellent vegetable for the table before fully matured. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

LEEK.

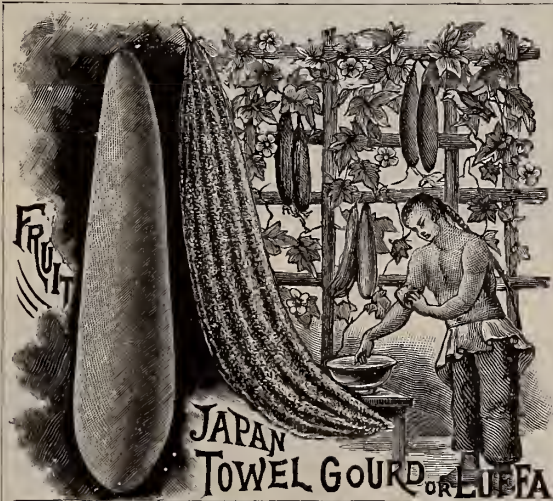
BROAD SCOTCH or LONDON FLAG.—Hardy. A large strong plant with broad leaves. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

LARGE MUSSELBURGH.—Of enormous size, leaves large and broad. A very mild pleasant flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.60.

Rouen, very Large Winter.—Large and excellent; grows to an enormous size; best of all for forcing. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.25.

NEW PERPETUAL LEEK.

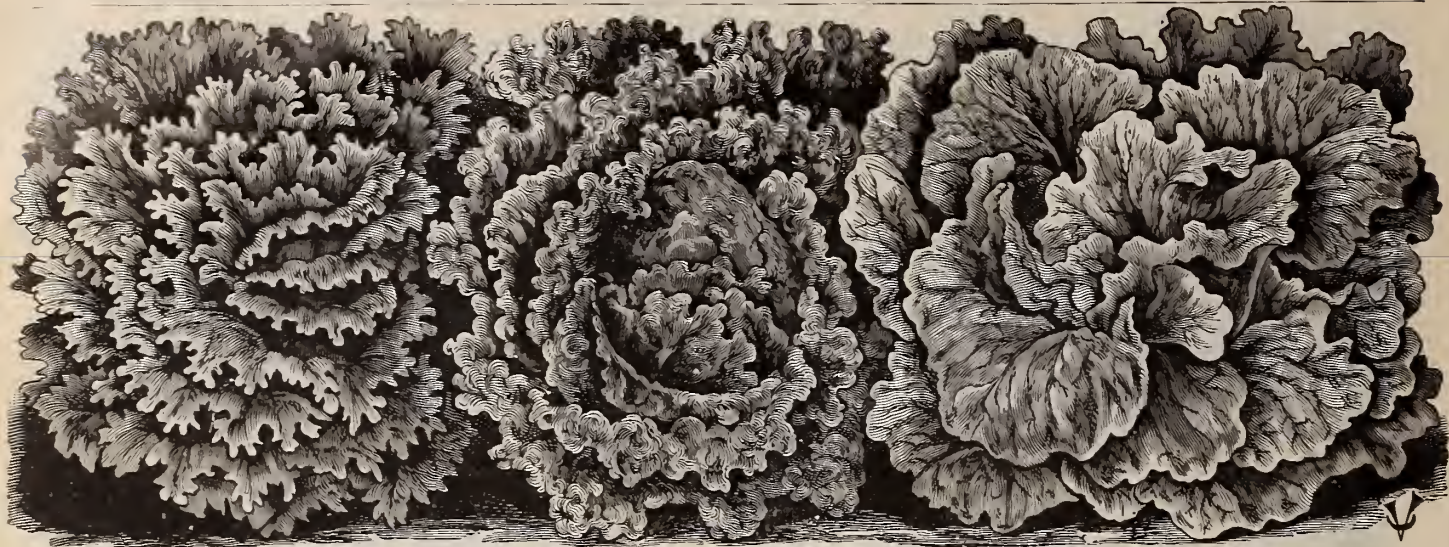
This new vegetable comes to us from France, where it has been raised for several years and is described as follows: The distinguishing features of this valuable sort are, that it thrives up from 15 to 20 shoots; it is hardy, living through the winter with little protection, coming up again the following spring. If the bunches are divided up and planted separately, each plant will form another bunch. Its flavor is identical with the other Leeks, but it goes to seed three weeks later. Pkt., 10c.; 3 for 25c.



JAPAN TOWEL GOURD or LUFFA



JAPANESE NEST-EGG GOURD



GRAND RAPIDS FORCING.

DENVER MARKET FORCING.

TILTON'S WHITE STAR.

LETTUCE.

Tilton's White Star.

Curled Varieties.

Grand Rapids Forcing.

THE BEST SORT FOR SHIPPING.

A new and distinct sort of great merit. Of the Black Seeded Simpson type, but grows larger and more rapidly; has a broader, thicker, darker colored leaf, less frilled at the edge; forms a larger, more distinct and solid central cluster of leaves, making almost a head; blanches perfectly and is of excellent quality. The plants remain long in condition for use before running to seed, and owing to the thick leaf keep long without wilting when cut. Repeated trials both for forcing and early planting out doors have proven that this is a decided improvement over other varieties of this class for either purpose. This is a white seeded variety. Pkt., 15c.; oz., 40c.; ¼ lb., 45c.; lb., \$1.50.

Chicago Forcing.

This is distinctly a Lettuce for green-house forcing, (not for outside planting), being of rapid growth, excellent flavor, crisp and tender. While the Grand Rapids is the Lettuce par excellence for shipping, the Chicago Forcing cannot be excelled for the home market, being much more tender than the former. The seed should be sown early, so as to bring the Lettuce into market in February or March; sowing later than March is not advisable, as it will then run to seed too quickly. It is an extraordinarily hardy variety and does not wilt when exposed for sale. It is not apt to become black-bordered as the B. S. Simpson is likely to do in winter. Pkt., 10c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.65.

Early Curled Silesia.—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

EARLY CURLED SIMPSON.—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

This grand new forcing variety has been raised in the vicinity of Grand Rapids for a number of years, where it has been jealously guarded by the few gardeners who had the true stock, enabling them to secure the highest prices for forced Lettuce. It stands more neglect in the way of watering and ventilation, will grow more weight on the same ground and will stand longer after matured, than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other sort. Its upright habit admits of very close planting and it matures two weeks quicker than Tennis Ball or Boston Curled. The seed we offer is the true sort, grown from seed obtained from the originator. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

BLACK SEEDED SIMPSON.—This is by far the most popular sort among the Chicago gardeners. It forms a large, loose head of a yellowish green color, the leaves are large, thin, very tender and of very good quality. It is one of the best sorts for the frame or hot-house, as well as for early out door planting. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Boston Curled.—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Oak-Leaved.—Pkt., 5c.; oz., 15c.

GREEN FRINGED.—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

CABBAGE OR HEAD VARIETIES.

Denver Market Forcing.

An early variety of Head Lettuce, either for forcing or open ground. It forms large, solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbages), and very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of Lettuce. The shape of the head resembles somewhat the "Hanson," but is more oblong. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

NEW BLONDE BEAUTY.—A New Summer Lettuce of a bright golden tinge and attractive form. It resists the heat to a remarkable degree, and is also an excellent keeper after being cut; is tender, crisp, sweet and juicy when many sorts have become tough and bitter. It is a distinct sort and one which we can recommend as a superior sort for shipping and the home garden. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.40.

RUDOLPH'S FAVORITE.—A new and distinct sort which is worthy of general cultivation. It forms a very firm, handsome head of good size, while the leaves are of a bright greenish yellow, well curled, tender and of delicate flavor. The heads are so solid that they very often do not produce any seed stalk. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

BUTTERCUP.—A very attractive Cabbage Lettuce of large size, crisp and delicate in flavor and very desirable for either Winter or Summer use, as well as for forcing. Forms a fine large solid head, and is remarkable for the citron-yellow foliage. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

Improved Hanson.—Forms very large, firm heads, resembling a cabbage, which are deliciously sweet, crisp and tender; heads green outside and white within; for out-door culture unexcelled. It is one of the best heat-resisting sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Perpignan or Defiance Summer.—Unequaled for long standing. One of the finest new varieties of Head Lettuce, which stands the summer heat better than any other. It forms very large, solid heads, so firm that they have to be cut open to allow the flower shoots to come through. The leaves are light green. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50.

St. Louis Butter Head.—This is a great favorite with our Chicago gardeners owing to its solidity, crispness and good flavor. It withstands the summer heat extremely well, and is slow to run to seed. We can highly recommend it. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.25.

Silverball.—Produces a firm, solid and compact head with handsomely curled leaves. Excellent sort for spring and summer, is slow running to seed. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

OTHER STANDARD SORTS.

Any of the following; Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Brown Dutch.

Tomhannock.

Chartier Pink.

The Deacon.

WHITE CABBAGE.

GOLDEN STONEHEAD.

Marblehead Mammoth.

Ferry's Prizehead.

Black Seeded Tennis Ball.

White Seeded Tennis Ball.

Salamander.

Stubbornhead.

Grey or Yellow seed'd Butter

Henderson's New York.

Paris White Cos.



BLACK SEEDED SIMPSON.



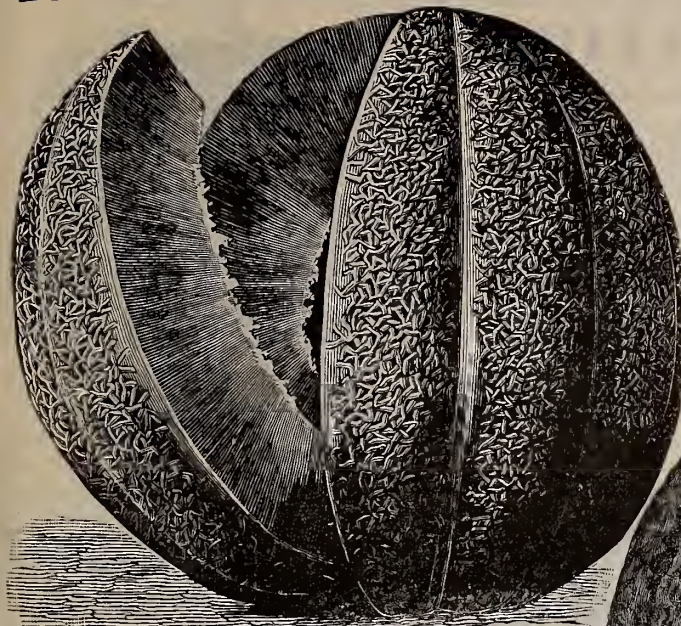
NEW BLONDE BEAUTY.

MUSK MELONS.

THE OSAGE.—The great popularity of this Melon and the demand from consumers is due in a large measure to the care and attention given to our *selected strain*, and we here emphasize the fact that we save no seed from melons that do not prove *deep meated* on all sides when cut, and from the choicest specimens in the field. By this method we retain the most even, distinct and valuable type of melon. The shape is a pointed oval—egg-shaped most exactly—expresses it—medium sized, skin dark green slightly netted on the lobes on the upper side, and a rich orange color where the melon lies on the ground; flesh a rich salmon color and for quality has no equal.

Selected Stock Seed.—Pkt., 10c.; oz., 30c.; ¼ lb., 95c.; lb., \$3.50.

Ordinary Seed.(not from Specimen Melons.)Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.



OSAGE MUSK MELON, (¼ NATURAL SIZE.)

ROCK BLUFFS, ARK.—Your Chicago Giant Market Musk Melon is the best I ever ate and all who have eaten it say so too. I consider it the King of Musk Melons. All the seeds received from you came good.
EDDIE O'BRIEN.



Early Netted Gem.—Although not a new variety this sort has of late come greatly into favor with market men who ship melons in baskets for which purpose it is *one of the very best*. The melons are almost globular, regularly ribbed and thickly netted, *extremely early*, very thick meated and of excellent flavor. They average in weight about one and a half pounds, and in size are very uniform. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

CHICAGO MARKET.

This we consider the best nutmeg for earliness of maturity, large and uniform size; thickly netted skin, small seed cavity, deep green flesh, juicy and delicious flavor and freedom from rot. It has maintained a practical monopoly in the Chicago market for a number of years, and is a great favorite with all who prefer a green fleshed variety. Each year the seed has been carefully selected and taken from the earliest melons.

Selected Seed (from originator)—Pkt., 10c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

Ordinary Seed (grown from the originator's stock). Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; oz., 70c.

Irondequoit.—A melon of exquisite flavor, juicy and melting. The fruit is large, twelve to fifteen inches in diameter, round and ribbed, while the skin is of a peculiar light color and netted; the flesh is orange and very thick. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

RACINE, WIS.—The Osage Seed received from you produced a big crop of fine melons, very uniform, indicating good breeding. The best seller in Racine market.
HANCKE BROS.

MUSKMELON
VAUGHAN'S
NETTED GEM
NATURAL SIZE.

GIANT
CHICAGO
MARKET

MUSKMELON

GIANT CHICAGO MARKET.



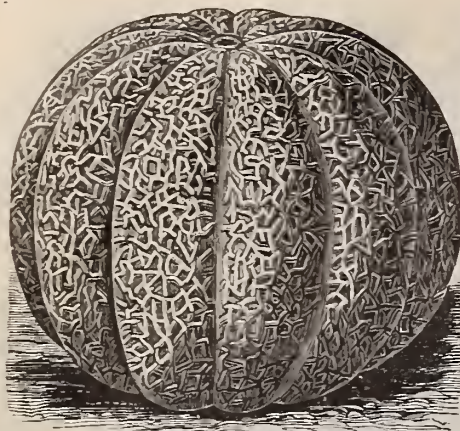
This fine melon has been in our market for many years, cultivated and sold by Mr. Carter, a market gardener of long experience, especially successful as a melon grower, in which no little skill is required, as market men well know. Mr. Carter has sold this melon at \$3.00 per dozen to our best west side vegetable markets and commission houses since its first introduction by him. It is a type of our well-known Chicago Market Musk Melon, equal to it in quality, which we hold to be of the *very sweetest*, but *much larger* and very productive. It is decidedly ribbed, extra well netted, with very thick green flesh. Pkt., 10c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

THE BANQUET.

A new medium sized Melon of perfectly round shape, with skin densely netted over its entire surface (as shown in illustration), making it in appearance one of the handsomest melons ever seen. The flesh is a dark, rich salmon color, uniformly thick and of a granulated character, which always indicates a good melon. In this respect it is unequalled, rivaling the well known Emerald Gem for quality. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.10.
Miller's Cream.—It resembles our *Osage*, but we find our strain of the latter less liable to burst and a better netting for shipping with larger sizes. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

PARSONS, KAN.—The Osage Musk Melon was the finest I ever tasted.
R. A. PALLETT.
MCARTHUR, O.—If there is any Musk Melon that equals your Osage Musk Melon I have failed to find it.
F. R. COOPER.
OSKOSH, WIS.—The Osage Musk Melon was the finest and best in every way I ever raised and everyone pronounced them elegant. The Delmonico was also fine, equal in flavor to the Osage, but not quite as large in size.
JOHN WASHBURN.

1-5 NATURAL SIZE.



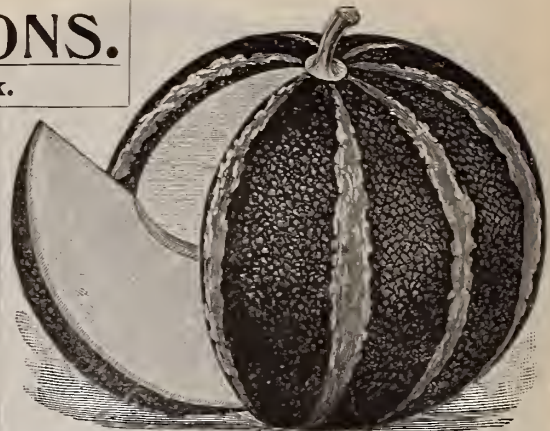
EXTRA EARLY HACKENSACK.

MUSK MELONS.

Extra Early Hackensack.

This is a selection of the old Hackensack which it resembles in shape and appearance, but is *fully ten days earlier*. The melons weigh from four to ten pounds and are of excellent flavor. Those who grow for market should remember that. It is one of the *best as well as the earliest*, hardiest and most prolific of the netted Musk Melons. Liked by market gardeners. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Hackensack.—Grows uniformly large, round, sweet; productive; skin and flesh green; for market and private use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.



EMERALD GEM.

Perfection.—New, nearly round, of good size, frequently weighing 8 to 10 lbs. each. Flesh rich orange color, very thick, and of delicious flavor; of a dark green color outside, heavily netted. It can be recommended for either home or market use, and well deserves its name. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.15.

Superior.—This is a fine, new, densely ribbed, round variety, having light green flesh of the finest quality. It comes well recommended, and we feel sure will give satisfaction to our customers. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 80c.

The Princess.—A distinct Melon and one of the best both for market and the home garden. They are nearly round, skin dark green, thickly mottled; flesh salmon, weigh about ten pounds. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

IMPROVED CHRISTIANA.—The flesh is dark; rich yellow, very thick and of delicious flavor. One of the best for the home market. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Shumway's Giant.—A new melon of monstrous size, averaging 20 lbs. each. It ripens early, flesh salmon color, never stringy and of very fine flavor. It is quite distinct from other melons, the seed being more than twice as large. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

Montreal Market Nutmeg.—A large Melon, nearly round, deeply ribbed, flesh remarkably thick, light green, of delicious flavor. The melons grow to a very large size, often weighing 15 to 20 lbs. It is a sure, heavy bearer, does not lose flavor during wet and cool spells. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 70c.



CHAMPION MARKET MELON.

Champion Market.

It is almost a perfect globe in shape and *densely netted, the flesh thick, light green* in color and of *very rich, sweet* flavor. It is *nearly as early as the Netted Gem*, which it resembles in shape and appearance, but is *fully three times larger*; very productive and a good shipper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Emerald Gem.—The flesh is of a delicate light salmon color, very thick and of most excellent flavor. The rind is thin and dark green. While it is not as good a shipper as the Osage, it is one of the very best for home use, being *the sweetest melon grown*. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

DEL MONICO.—An oval-shaped Melon of large size, finely netted; flesh beautiful orange pink. It is one of the most delicious flavored Musk Melons ever introduced. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Bay View.—One of the largest Musk Melons in cultivation, very prolific; light green flesh, very thick and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Banana.—Long banana-like fruit. Pkt., 5c.; oz., 15c.

Extra Early Nutmeg.—(Also called Early Citron.) Market gardeners who want the first sales will find this **EXTRA EARLY** decidedly profitable. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Early Nutmeg.—Green fleshed, highly scented, rich and sugary, skin green and finely netted. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Baltimore.—A very productive, oblong sort, of large size, ribbed and heavily netted. Flesh thick, light green and of good flavor. A good shipper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Bird Canteloupe.—They have been grown to weigh 20 lbs. The flesh is thick, light green and fine quality; quite early and a splendid keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Jenny Lind.—Excellent quality, early, small, flattened at the ends, flesh green. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Improved Canteloupe.—An early, large round market sort, sweet and of good flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Casaba.—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

THE DIXIE WATER MELON.

In this we have a new Water Melon of excellent merits, and we can recommend it to our customers as *best shipping Melon* grown, being even *larger, earlier and far more productive* than the Kolb's Gem which has heretofore been considered the best melon for shipping. It is of a very fine appearance, being much darker than Kolb's Gem and more beautifully striped; it is longer and extremely hardy, while its eating quality is unexcelled, being sweet, juicy and tender. Another very important point is its productiveness, having *six to eight large melons on a vine*. We have secured some of the genuine stock and can offer it at the following prices. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 80c.

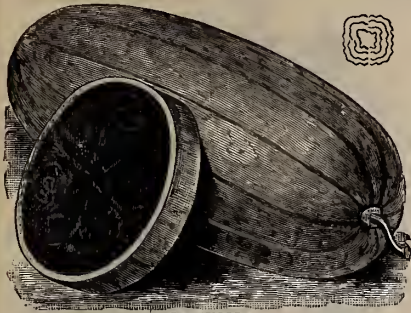
Girardeau's New Favorite Water Melon.

The new Melon by Mr. Girardeau is a great improvement over the old Florida Favorite, growing to *double the size and more prolific*. Its perfect shape, bright red, crisp flesh and delicious flavor makes it the best melon now grown. Pkt., 15c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

MANISTEE, MICH. We think the Giant Chicago Market Musk Melon as near perfection in a musk melon as will be reached in a long time. They were sweet, juicy, large, early, and as for productiveness, we could part the leaves and count clusters where a dozen would lie touching each other, all through the patch. They were eatable closer to the rind than any melon we have ever tasted. J. E. CARLTON.



DIXIE WATERMELON
ORIGINAL STRAIN



SEMINOLE.

KOLB'S GEM.—It is uniformly round and grows to a good size, often attaining a weight of 50 lbs. Its flesh is bright red and flavor excellent; rind dark green, striped and very tough. It is an excellent shipping melon, retaining its freshness and sweetness for a long time. We can recommend it. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; 5 lbs. by express, \$2.00.

— — — — — **JONES' JUMBO.** — — — — —

In 1888 we were fortunate enough in securing from Mr. Reuben Jones for introduction the seeds of this grand Georgia Melon, the finest type that State ever produced, and that means, *the best Water Melon in the World.* The *Jumbo* is the only melon we know of that ever eclipsed Kolb's Gem in the Northern Markets. Since we introduced this now famous *Jones' Jumbo*, one called "PRIZE JUMBO," another "JONES' MELON" have been put on the market, but no imitator can disregard the fact that Mr. Reuben Jones developed this variety and has supplied us with stock seed. We can furnish both Northern and Southern grown seed.

The shape is round, color green with faint lighter stripes; deep red meat, surpassing all other varieties in flavor and size, and as a market melon sells more rapidly and for higher prices.

Northern Grown Seed. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Original Seed, grown by Mr. Reuben Jones, 6 to 8 days later than the preceding. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Cuban Queen.—A very fine variety, growing to great size, flesh bright red, solid and sweet; the skin is beautifully striped dark and light green. The Melons are wonderfully solid, and their rind is usually thin. They are enormously productive and ripen early. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.

Florida's Favorite.—A new, medium sized very prolific Melon for the home market if sold within teaming distance of where it is grown. It is highly praised by the originator, who is a great Melon grower. Price is moderate this season. Gardeners can afford to try its merits, which are of high order. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

— — — — — **HOOSIER KING.** — — — — —

It was introduced two years ago, highly recommended, and we determined to ascertain its value, and found in our trials that it was a *Melon with exceptional qualities.* The melons grow oblong and are of an even diameter through their entire length, as shown in our illustration. The flesh is brilliant red, very solid, sweet and luscious. The skin is striped light and dark green, the rind is very thin but *extremely hard* which renders it a *valuable shipping sort.* Our friend, Mr. Wilbur, of Kankakee Co., Ill., in whose vicinity this sort has been largely grown, first called our attention to it, and he endorses it in every particular that makes a good Water Melon. Our trials prove it is a melon with exceptional qualities, and one we can safely recommend. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

WATER MELONS—CONTINUED.

SEMINOLE.

One of the most popular sorts grown. It is *extra early*, *enormously productive*, *very large and of splendid flavor.* The seed will often produce grey and green Melons on one vine, but the number of the former predominates. It is undoubtedly *one of the finest* Melons yet introduced. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

MELON PEACH.

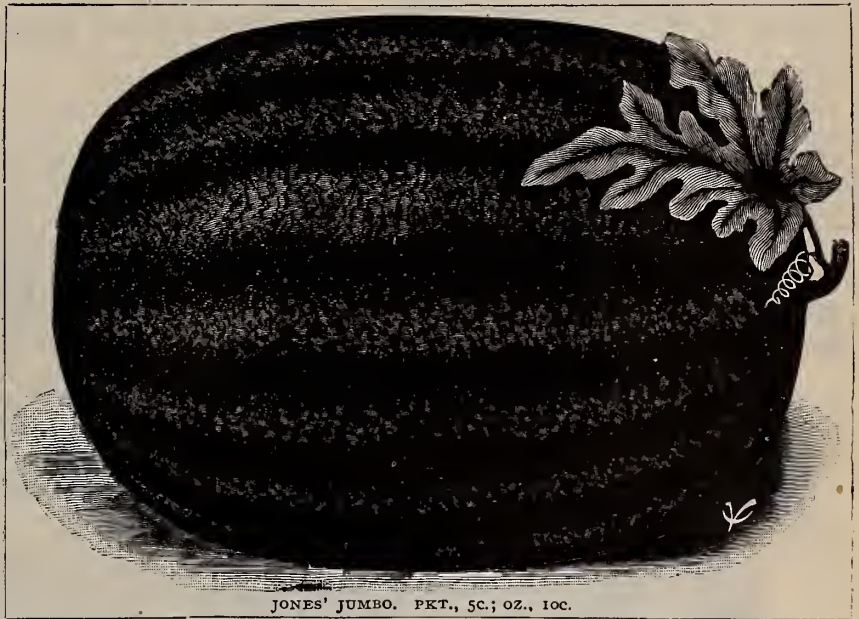
This peculiar new vegetable grows on a vine like a melon, and is of golden yellow color, resembling an orange in shape and size; the flesh is snow white. They are used fried like Egg Plant when green. They also make splendid mangoes stuffed with cabbage like peppers. When they first ripen they are quite hard and tasteless, but they soon become mellow and sweet and have a very rich flavor. For sweet pickles, pies or preserving, they have no equals. They are very early, hardy and productive, the vines being literally covered with fruit. You should try them, and we know you will be pleased with them. Full directions for cooking on each packet. Large pkt., 10c.; 3 for 25c.

MELON PEACH



— — — — — **DELAWARE.** — — — — —

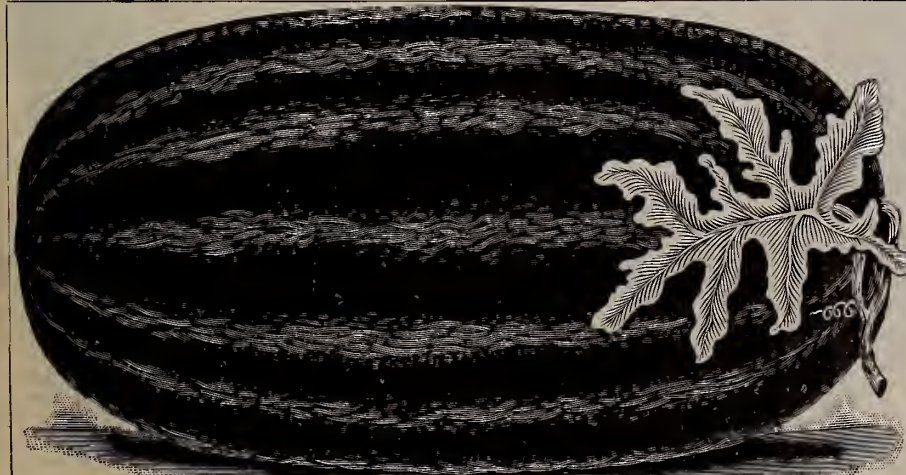
They are of oblong shape, very thick through, and nearly as thick at the stem as at the blossom end. The flesh is a bright red, and ripens within three-fourths of an inch of the rind; very solid, luscious and sugary, entirely free from strings and of excellent flavor. It is *one of the best Melons for shipping and keeping.* It grows to an enormous size, single Melons have attained a weight of over 100 pounds. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



JONES' JUMBO. PKT., 5c.; oz., 10c.

— — — — — **KENTUCKY WONDER.** — — — — —

One of the finest flavored Melons, and one of the best for the market and home garden. Oblong in shape, skin dark green marbled in stripes of light green; flesh a sugary flavor, always firm, very solid and never mealy; seeds red. Attain an average weight of 40 to 60 pounds. The best all around Melon for home and market. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.



HOOSIER KING. PKT., 5c., oz., 15c.

	pkt	oz.	¼ lb.	lb.
Mammoth Ironclad	5	10	20	65
Hungarian Honey	5	15	25	90
Black Spanish	5	10	20	60
White Gem	5	10		
Dark Icing	5	10	25	75
Long White Icing	5	10	20	70
Rattlesnake or Gipsy	5	10	20	60
Boss	5	10	20	60
Ruby Gold	5	10	25	75
Green and Gold	5	10	20	60
Goodwin's Extra Early	5	10	30	
Vicks' Extra Early	5	10	20	60
Peerless or Ice Cream	5	10	25	70
Mountain Sweet	5	10	20	60
Mountain Sprout	5	10	20	60
Phinney's Improved	5	10	20	60
Scaly Bark	5	10	20	60
Volga	5	10	25	80
Colorado Citron	5	10	20	60
Citron	5	10	20	

Fordhook Early.—An *extra early* sort of large size. Averaging in weight 35 pounds. Quality very good. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.25.



CHINESE MUSTARD

MUSTARD. (SENF.)

NEW CHINESE MUSTARD.—The large leaves which often measure 14 inches are ready for use in about six weeks after sowing, and the plants will continue to yield until frosty weather. Leaves are eaten boiled, like spinach. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

White.—Best for salad and general use. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

Brown.—Stronger and more pungent than above. Price, same as white.

Robinson's Mushroom Culture.—A book bound in cloth, giving directions how to prepare Mushroom beds and raise Mushrooms. Postpaid, 55c.

MUSHROOMS. How to Grow them, by Wm. Falconer. The most complete book ever published in America on the cultivation of Mushrooms. The writer is a practical man who has devoted many years to experiment with Mushrooms. Per copy, \$1.50.



EDIBLE MUSHROOM.

MUSHROOM SPAWN.

CHAMPIGNON-BRUT.

One Pound Bricks, English Spawu, each 25c.; (10 lbs., not prepaid, \$1.50.)

Two Pound Boxes, French Spawu, each, 80c.; by mail, \$1.00, postpaid.

For cultural directions see our new book, *Vaughan's Vegetable Garden*, free with orders of 35c. or more.

NASTURTIUM.—INDIAN CRESS.

Tall.—Very pretty vine seeds, used as pickles. Pkt., 5c.; oz., 20c. (See also list of flower seeds.)



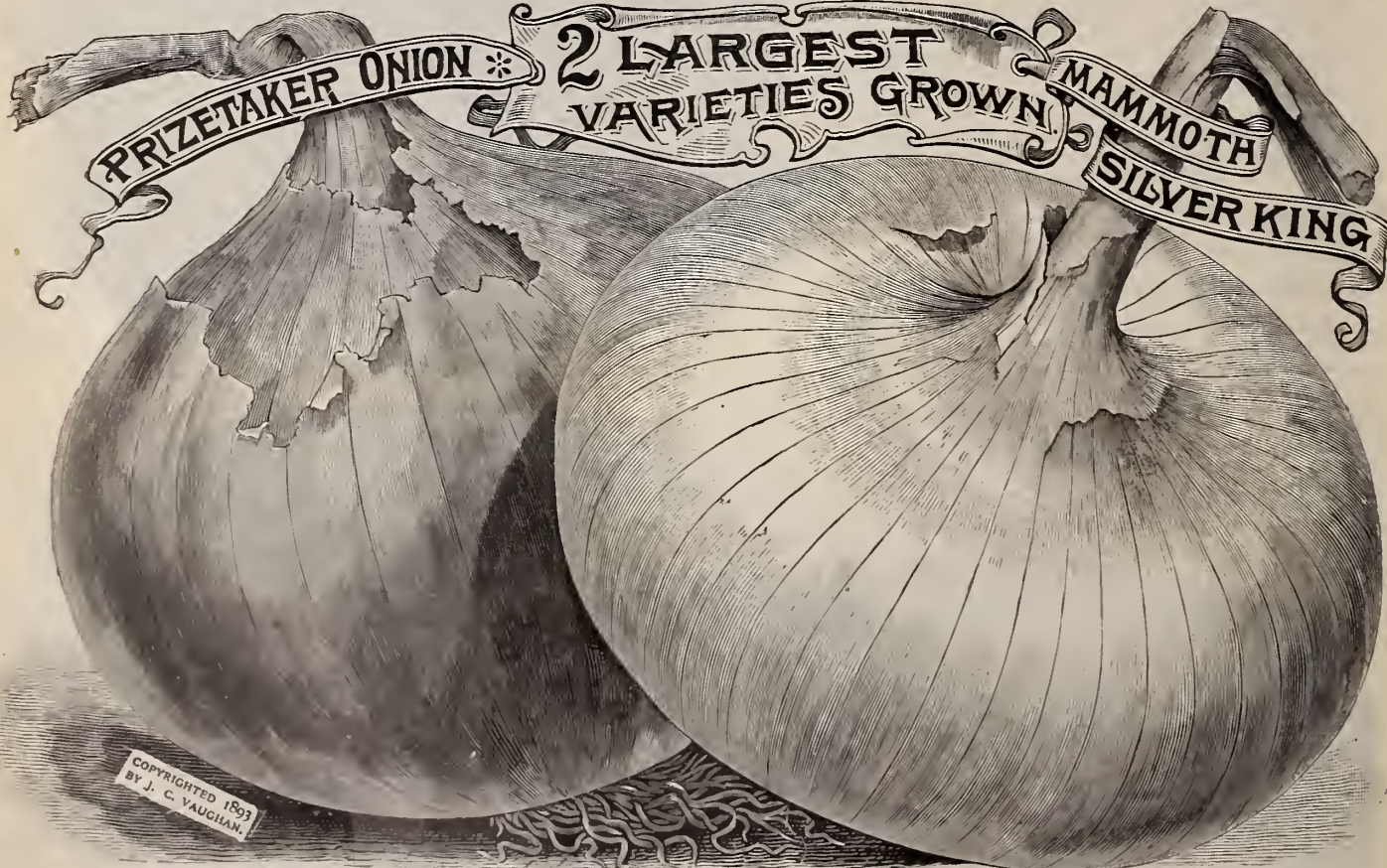
WHITE VELVET OKRA.

OKRA, or GUMBO.

White Velvet produces pods larger than any other. They are never prickly to the touch, and always round and smooth, while in other varieties they are either ridged or square-edged. The pods used for food are the large pods. They are very wholesome, quite nutritious, and impart an agreeable richness to soups and stews. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

Dwarf.—Early and prolific. Pkt. 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

Tall.—Five to six feet. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.



PRIZETAKER ONION

2 LARGEST VARIETIES GROWN

MAMMOTH SILVER KING

PRIZETAKER, The Genuine.

THE HANDSOMEST, LARGEST YELLOW GLOBE ONION.

A new variety introduced, but a few years ago which has proved to be an excellent keeper, of finest flavor, handsome shape and enormous size, many single onions having been raised to weigh 5 lbs. and over, from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always command a very high price. The Prizetaker grows always to a perfect globe shape, with a bright straw colored skin; the necks are very small and the onions always ripen up hard. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$2.80; 5 lbs., by express, \$13.00.

SPECIAL OFFER:—One Pkt. each of these two onions for 15c.; 1-2 oz. each, for 25c.; 1 oz. each, for 40c.

MAMMOTH SILVER KING.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference, and often weighing 2½ to 4 lbs. each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver-white, flesh snowy and tender, of mild, sweet flavor. We know of no variety of this vegetable which has attracted so much attention as this. Its striking size and handsome appearance, as well as mild flavor, recommend it for exhibition at fairs, for the fancy market as well as the home table. Pkt., 10c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.25; 5 lbs., by ex., \$10.50.

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VAUGHAN'S PEDIGREE ONION SEED.

LOOK OUT!
FOR THOSE
"HARD TIMES"
SEEDS.

THE practical seedsman knows the home locality of every variety he sells,—where it thrives best,—where it takes kindly to the climate and to the soil, in short, all locations where success has so encouraged any vegetable industry that growers there have established a business in it. Notable examples of this kind are seen in the Celery Growing at Kalamazoo, Melons at Muscatine, Iowa, and Benton Harbor, Mich., White Globe and White Portugal Onions at Southport, Conn., etc., etc.

We claim to know the right sources of supply for all our seeds and are thus able to furnish only such as will satisfy our trade. With this knowledge of our stocks and fidelity to our customers' interests, we must believe that no matter WHAT THE TIMES ARE, or how loud 'the other man' may cry cheap seeds, our customers will stay with us

and cannot be persuaded to put GOOD DOLLARS INTO POOR ONION SEED of doubtful vitality or purity. As our customers are aware, we aim every year to fix our prices at the lowest living rate, not intending to charge more than our most reliable competitors, but we will not and cannot honestly compete with onion seed stocks of doubtful purity and low vitality, which have been imported or carried over from last year.

It is a well-known fact that several 'loud talking' seed houses were unable to dispose of their Onion seed at their high prices last season, and carried in their warehouses many thousand pounds of such seed which they now VERY KINDLY propose to unload on their 'GARDENING FRIENDS' at low prices under cover of the cry of "HARD TIMES!" LOOK OUT FOR THEM! TIMES WILL INDEED BE HARD IF SUCH SEEDS ARE USED.



Large Red Wethersfield.

The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in the spring. It is of good strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from one to two pounds apiece. In short, it is the best Red Onion for everybody. Our strain is unsurpassed, the seed we offer having been saved from the largest Onions of perfect shape, deepest color and thinnest neck. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25, postpaid; 5lbs., by express, per lb., \$1.10.

Early Red Globe.—Very early and grows to a good size; is very prolific and keeps well; skin deep red, form good and flavor mild. (Do not confound this with Large Red Globe.) Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.60; 5 lbs., \$7.40.

EXTRA EARLY FLAT RED.—A rapid grower; our strain is very early and of exceedingly fine quality; good where seasons are short. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.60; 5 lbs., \$7.40.

YELLOW STRASSBURG.—(YELLOW DUTCH.) Later, flatter and larger than Yellow Danvers; good keeper. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.60; 5 lbs., \$7.40.

White Portugal or Silverskin.—Very early, mild flavored, excellent for growing sets; produces fine Onions from seed. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.00; 5 lbs., \$14.00.

Philadelphia Silverskin.—Celebrated as the variety for sets. Pennsylvania gardeners plant no other. Pkt., 5c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.25.

Extra Early Pearl.—A very handsome sort, pearly white, very early and of excellent flavor, of medium size for home use. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

Vaughan's Early Pickling.—A pure white, hard, round, small Onion, of excellent keeping quality; is most desirable for pickling purposes. It possesses all the requisites of a first-class pickling Onion in the highest degree. Pkt., 10c.; oz., 25c.; lb., \$2.50.



Best American Stock, 1893 crop.



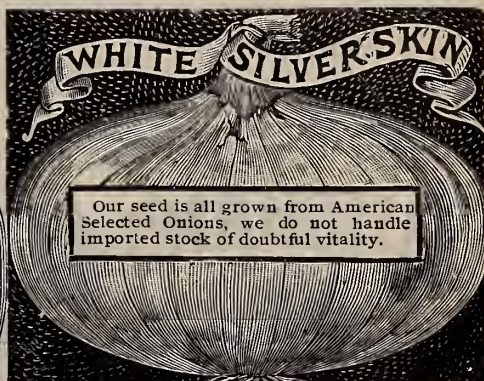
Write for prices on 10, 25 or 50 lb. lots.



\$250.00 IN CASH

for largest yields of Onions produced from our
Fancy Yellow Globe Danvers @ \$1.75 lb.
See Second Cover Page.

Conditions.—The seed must be purchased direct from us in 1894. Every purchaser will receive a numbered card entitling him to compete for the prizes. This card must be preserved and sent to us not later than Oct. 25th, 1894 with your report, signed by two reputable witnesses and sworn to before a Justice of the Peace that the product was produced from one ounce or one pound of our Fancy Yellow Globe Danvers Onion.



Our seed is all grown from American Selected Onions, we do not handle imported stock of doubtful vitality.

WHITE GLOBE.

Handsomest Onion we sell. Our genuine Connecticut grown seed is of the true globe form, pure white, hard, small necked, ripening very early and evenly; a good keeper. We supply the largest market gardeners in Chicago and the West. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.00; 5 lbs., by Exp. \$14.00.

Southport Large Red Globe.—Our strain is grown largely in Chicago, for shipping. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.60; 5 lbs., \$7.55.

SPECIAL OFFER.—We will send free (if requested) with any order for Onion Seed amounting to \$3.00, a Standard Treatise on Cultivation of Onions.

Southport Yellow Globe.—Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.60; 5 lbs. by ex., \$7.25.

These two kinds are like the White Globe Onion, except in color. They are perfectly globe-shaped, of handsome appearance, heavy croppers, excellent keepers and of large size.

Yellow Globe Danvers.

The Onions from which our seed is raised are selected on the following points: *Earliness of maturity*, extra large size, even and handsome form, thin neck and *best keeping qualities*. It is the best yielder and has given universal satisfaction. This strain of Globe Danvers is equal to the best standard Onions of its kind in the country Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.38, postpaid; 5 lbs., by express, \$6.

Fancy Yellow Globe Danvers.

—See Second Cover Page.

VILLISCA, IOWA.—The Madeira Onion is large, very good and seems to be early. I also raised Silver King and Prizetaker, the latter did the best for me, think it has the right name. A. E. MITCHELL.

Early Round or Thick Yellow Danvers.

(BUXTON STOCK.)—A very early variety, round with small neck, ripens very uniformly and yields large crops; is a good keeper. We have the same fine strain of Massachusetts grown seed of this, which has given the best of satisfaction for more than ten years. *This true stock is always scarce*, the demand exceeding the supply. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 80c.; lb., \$2.80; 5 lbs. by express, \$13.00.

EARLY FLAT YELLOW DANVERS.—Differing from the Globe strain only in shape, being more flat. Very productive. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.30, postpaid; 5 lbs., by express, \$5.70.

Mixed Onion Seed.—All the above sorts in even mixture. Extra large packet, 10c.; oz., 20c.

We are headquarters on all Fertilizers. See special page.

OUR ONION SEED.—is grown by men who make seed growing a business, almost a science, from the choicest onions selected for seed purposes and our test shows its *germinating quality* this season to be up to our *highest average*.

Italian Onions are very popular, owing to their quick growth, large size and mild flavor, many sorts making onions weighing two to four pounds from seed the first year. The smallest, if set out in the second season, will continue to increase in size, instead of running to seed like the American Onions. They succeed well in every section of the country.

ITALIAN ONIONS.

WHITE ADRIATIC BARLETTA.

This variety is most distinct on account of its great earliness. It is from two to three weeks earlier than the *White Queen*. It is of a beautiful waxy white color and grows $1\frac{1}{2}$ inches in diameter and $\frac{3}{4}$ of an inch thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for Onion sets, and it is without a rival for pickles. Pkt., 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25; 5 lbs., by express, \$10.55.

New Red Victoria.—Of oval shape, skin very dark red, flesh light rose or white, flavor mild and sweet. These grow to weigh from 2 to 4 pounds each under ordinary cultivation. A very profitable and interesting sort. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

New White Victoria.—In shape and size like the above, while the skin is silver-white with sometimes a shading of a delicate light rose-color. Flesh white, juicy and sweet. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

GIANT BROWN ROCCA.—A fine globe shaped variety, of mild and delicate flavor, immense size, sometimes weighing three pounds, with light brown skin. An excellent keeper. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.



VICTORIA ONION.

Giant Yellow Rocca.

A very handsome variety of globular form with flattened top, small neck and bright yellow skin. They grow to measure 5 inches in diameter by a thickness of 3 inches. They are very productive and of good keeping qualities. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

White Queen.—Remarkable for its extreme earliness and very mild flavor; it is small and white skinned; much liked for pickling. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00, 5 lbs., by express, \$9.00.

Globe Madeira or Tripoli.—One of the largest of all the Onions grown; bulbs are round, and often measure 6 or 7 inches in diameter. Flesh is very tender, sweet and mild. It is not specially noted for its keeping qualities but we recommend it for early fall use. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.

Flat Madeira or Tripoli.—In quality, size and flavor like the above, but flat. To attain largest size the seed should be sown in botbed and transplanted. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.

Mammoth Pompeii.—For exhibition purposes, where they always attract attention, it is an excellent companion to the *Silver King* when shown together, being equally large and of different color, which is a light brown. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25.

Bermuda Onions.

These Onions grow to an immense size and are of beautiful form. The skin is very thin; flesh white, fine grained, of mild and pleasant flavor. It will grow an Onion from one to one and a half pounds from seed, but to attain the full size the bulbs should be set out the following spring. White or Red, pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

VAUGHAN'S

ONION SETS



RED

WHITE

YELLOW

WHITE MULTIPLIERS.

WHITE TOPS

WE supply these in quantity to seedsmen and market gardeners, and store each season many hundreds of bushels. They are fine sets, dry, of fair size and carefully cleaned. Please remember, that Onion Sets are subject to fluctuations of the market and the prices per bushel quoted below are those of the time when this catalogue was published and are not binding throughout the season.

Quart Prices include postage; pecks and bushels at buyer's expense. Write for latest market price before ordering.

WHITE MULTIPLIER ONION SETS.

Green Onions for First Early Spring Bunching.

They are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted, of excellent quality and size for bunching green or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. Their keeping qualities are remarkable, having kept perfectly sound for a year, but their most important quality is extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Our grower says: "They cannot be beaten for earliness, they are matured before the weeds and grass can cover them."

The largest of the sets, if allowed to grow through the summer, make an onion of fair size which divides when ripened in the fall, multiplying liberally for another season. Our illustration is made accurately from nature.

They should be planted in rows twelve inches apart and three inches apart in the rows, just as soon as the ground is ready, the earlier the better; with good soil and cultivation they will yield from six to seven hundred bushels to the acre. Price, by mail, pint, 20c.; quart, 35c.; by freight or express, $\frac{1}{2}$ peck, \$1.10; peck, \$2.00. bushel, \$7.50.

Egyptian or Perennial Onions.

This variety never forms a large bulb, their value lies wholly in their special adaptability for producing green onions for spring or fall use, particularly the former, soon attaining a marketable size; are immensely productive and perfectly hardy. Being perennial, they will, if left in the ground, continue growing for an indefinite time continuing to increase both from the bottom and from sets produced on top of the stalk. The set produces from one to three shoots the first season after planting, but if left undisturbed, new sets are again produced from the top the same season, and by the following spring the original onion will have formed a clump of sprouts numbering from 10 to 20. Pint, 15c.; quart, 30c.; peck, 65c.; bushel, \$2.25; 3 bushels, \$6.00.

Bottom Onion Sets are sold by measure; Top Sets, Shallots and Potato Onions by weight (28 lbs. to bushel).

WHITE TOP ONION SETS. Silver Skin.

We especially recommend this Onion to our friends who desire the best in the way of Onions for their own table at any season when Onions, green or dry, are wanted. The Onions are ready very quickly for table use and the matured bulbs are very sweet and mild. Their silvery white appearance and globe shape make them very attractive if wanted as mature bulbs for market purpose. The late Prof. Cassidy of the Colorado Agricultural College said this was the finest, earliest and best Onion for the Market Gardener as well as for home use. Our stock is limited. Price, large pkt., 10c.; pint, 30c.; quart, 50c.; $\frac{1}{2}$ peck, \$1.25.

Yellow Top Sets.—Quart, 30c.; $\frac{1}{2}$ peck, 85c.; peck, \$1.20.

SHALLOTS or Yellow Multipliers.—Pint, 20c.; quart, 30c.; peck, \$1.15; bushel, \$4.00.

Potato Onion Sets.

This variety does not produce seed, but forms a cluster of onions of irregular shape. If larger size onions (cloves) are planted early in spring, well-grown onions may be had from them the following June. The flesh of the Potato Onion is very agreeable to the taste and of good quality. They produce large onions earlier than any other kind. Pint, 15c.; quart, 30c.; peck, \$1.25; bushel, \$4.75.

WELSH ONIONS OR CIBOULE.

They are excellent for "Green Onions" in the spring, being extremely early. They do not form a bulb, but only a small enlargement at the base of each shoot that will break up into 5 or 6 stems, which when transplanted will multiply the same way and a big stock can soon be worked up. They are also propagated by seed, which is sown early in the spring, like that of other onions. Sets, doz., 15c.; per 100, 50c. Seed, pkt., 15c.

Bottom Onion Sets.

White.—Pint, 20c.; qt., 35c.; peck, \$1.60; bushel, \$5.50.

Yellow.—Pint, 15c.; qt., 30c.; peck, \$1.30; bushel, \$4.75.

Red.—Pint, 15c.; qt., 30c.; peck, \$1.25; bushel, \$4.50.



EGYPTIAN OR PERENNIAL ONION.



HAMBURG ROOTED PARSLEY.

PARSLEY.

PETERSILIE.

DOUBLE CURLED.—Finely curled dwarf. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

CHAMPION MOSS CURLED.—A very fine English sort; leaves beautifully curled and mossy; a handsome standard sort. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

Fern-leaved.—A most valuable plant for garnishing and for ornamental foliage plant in borders. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

Plain.—Longer than curled sorts and stronger in flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Hamburg Rooted.—Also called German Parsley. The root, which resembles a small Parsnip is the edible part of this variety, which is extensively grown and used by Germans for flavoring soups, etc. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

New Hamburg Rooted, Glory of Erfurt.

This new kind combines the qualities of the Hamburg Rooted Parsley with the very double curled leaves, which render it equally valuable both for cutting in summer, and if planted in boxes in winter. Pkt., 5c.; oz., 15c.



DOUBLE CURLED PARSLEY.

PARSNIP.

PASTINAK-WURZELN.

Hollow Crown, or Long Smooth (Abbott's Improved.)—Smooth and large, very tender and sugary; one of the best for general cultivation. Our stock of this is very fine. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

IMPROVED GUERNSEY.—A very fine and improved strain which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine grained and of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.

Maltese.—Very handsome and of excellent quality. The base of the leaf stems have the appearance of a Maltese cross. Shorter than others and better for shallow soils. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

The Student.—A good half long variety, smooth, sweet and of delicate flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

PEPPER.

Vaughan's Sweet Mountain.

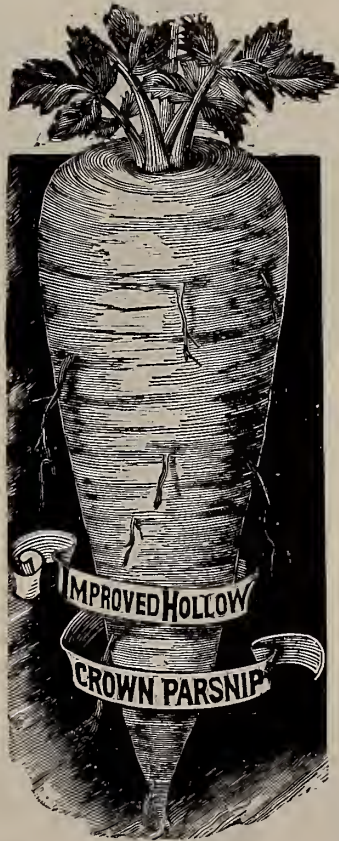
It is a strong grower, very productive and of excellent quality. The peppers when young are of a bright deep green color, without any shade of purple; when ripe they are of a beautiful red; the flesh is very thick, sweet and mild. They often grow six inches long by four inches in diameter. We specially recommend this kind to our market gardeners. Our strain of this has been selected with the greatest care and we know no better seed can be had. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

RUBY KING—Grows four and a half to six inches long by three and a half to four inches thick. The peppers are of a beautiful, bright ruby red color, and remarkably mild and pleasant to the taste; one of the best for stuffed pickles. Pkt., 10c.; oz., 30c.; ¼ lb., 80c.; lb., \$3.00.

Large Bell or Bullnose.—Large and very early, flesh very thick, color glossy red, flavor mild and pleasant. We have an extra choice stock; you will find few better kinds of pepper to stick to than this. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

CARDINAL.—A new sort with long, curved, tapering peppers, about two inches thick at the stem end, very sweet and tender. It is of a beautiful deep cardinal red; when loaded with fruit the plants are very ornamental. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

Procopp's Giant.—Grows to a very large size, usually eight to nine inches long and three inches thick. They are of a brilliant scarlet color, flesh is thick and of pleasant flavor. Pkt., 10c.; oz., 30c.



PEPPER.—CONTINUED.

Spanish Monstrous.—Very large, single peppers often growing six to eight inches long and two or three inches thick; early and most productive; flesh very sweet and mild. Pkt., 5c.; oz., 20c.; ¼ lb., 75c.; lb., \$2.50.

GOLDEN UPRIGHT.—Produces the fruit upright on the stems. The fruits are large and fully double the size of Golden Dawn, and of a beautiful rich golden yellow, tinged with bluish red where exposed to the sun. The peppers are mild, and as pleasant to the taste as Ruby King. Pkt., 10c.; oz., 30c.; ¼ lb., 80c.; lb., \$3.00.

CELESTIAL.—The plant begins to set its fruits early in the season and continues until frost, branching freely and bearing profusely. The peppers, when young, are delicate creamy yellow, and ripen to a vivid scarlet, making a plant, when loaded with fruit part of one color and part of the other, an object of the most striking beauty and oddity. They are from two to three inches long and of clear sharp flavor. Pkt., 10c.; ½ oz., 25c.

CORAL GEM BOUQUET PEPPER.

This new pepper is the finest of the small-sized varieties. Its beautiful pods of shining red color are so thickly set as to give it the appearance of a bouquet of corals. As a pot plant it has proven a most rapid selling article, for besides its great beauty it serves the housekeeper in a most convenient way when pods are wanted for seasoning. In the open ground the plants grow to a height of from 24 to 30 inches, so thickly set with pods as to bend the branches down. Pkt., 10c.; 3 for 25c.

Kaleidoscope.—Plants covered with fruit varying in colors from yellow to orange, pink and crimson. A valuable pot plant and useful as a pepper. Pkt., 10c.; 2 for 15c.

RED CLUSTER.—Pungent. Pkt., 5c.; oz., 35c.

Cherry Red.—Fruit very small. Pkt., 5c.; oz., 25c.

RED SQUASH, or Tomato Shaped.—Flesh very thick; fruit round. Pkt., 10c.; oz., 30c.

Cayenne Long Red.—Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

GOLDEN DAWN.—Quite sweet, without any fiery taste. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

PEPPERS, MIXED.—Southern climates delight in the production of a multitude of kinds of these pungent and pretty vegetables. The appetite of man in the warmer countries seem to need to be whetted by some such stimulant. They are very useful in nearly all pickles, relishes and the like, and several sorts are grown as ornamental plants in pots. Includes many new and old sorts. Pkt., 10c.



RUBY KING PEPPER.



SWEET MOUNTAIN PEPPER.



GOLDEN UPRIGHT PEPPER.

VAUGHAN'S GARDEN PEAS.



Packet, Pint and Quart Prices include Prepayment by Mail. If to go at Buyer's Expense 15 cts. may be deducted from the Quart price.

Figures preceding the names indicate their height in inches. Wrinkled varieties are marked thus *.

Extra Early Varieties.

MAUD S. THE EARLIEST PEA IN THE WORLD.

The most profitable Pea for the Market Gardener, being the EARLIEST and MOST PRODUCTIVE.

The above strong claims for the *Maud S.* are fully sustained by the numerous letters of praise we receive from our customers who have planted it for the last five years and found it the EARLIEST PEA grown. It is a vigorous grower, vines about 30 inches high and wonderfully productive, the pods being numerous and well filled, and last, but not least, its uniformity of ripening makes it the most profitable Pea for the market gardener. Our stock has as before been grown by the originator in Northern Canada, from his own original stock seed, carefully rogued, riddled and hand-picked and we know there is no better Pea for first early than *Maud S.* for the market, while we would recommend our customers who only plant a small bed for the home garden to use the American Wonder or Little Gem, which do not yield quite so heavily, but are sweeter.

Price, pkt., 10c.; pint, 20c.; quart, 40c., by mail, postpaid; by freight or express pint, 13c.; quart, 25c.; peck, \$1.25, per bushel, \$4.50.

Bliss' American Wonder.

9 in. *The earliest of the wrinkled Peas, and best for family use; very dwarf and remarkably productive. Flavor unsurpassed. We heartily recommend this valuable Pea. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.60; bush., \$6.00.

18 in. Early Prize.—As early as Premium Gem; pods large, heavy and well filled. As sweet as the wrinkled sorts and can be planted earlier without danger of rotting; matures in 50 days. Pkt., 10c.; quart, 40c.; peck, \$1.15; bush., \$4.00.

10 in. *Little Gem.—Very early, dwarf, green wrinkled marrow Pea; quality excellent; it needs no support and bears abundantly. Matures in eight weeks. Pkt., 10c.; pint, 20c.; quart, 40c.; peck, \$1.25, per bushel, \$4.75.

10 in. *Extra Early Premium Gem.—An improvement on the Little Gem; dwarf and prolific; pods large. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.25; bush., \$4.75.

30 in. First and Best.—Extremely early, productive and ripen all at same time. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.40.

30 in. ALASKA.—An excellent sort for the market gardener, very early and prolific; peas are blue. Pkt., 10c.; pint, 20c.; quart, 40c.; peck, \$1.15; per bushel, \$4.00.

30 in. DAN'L O'ROURKE.—An improved strain. Pkt., 10c.; pint, 20c.; quart, 35c.; peck, 90c.; bush., \$3.30.

30 in. PHILADELPHIA EXTRA EARLY.—Very fine, early pea, flavor good, bears abundantly; it is a favorite market sort. Pkt., 10c., pt., 20c.; qt., 35c.; peck, 90c.; bush., \$3.30.

26 in. *ALPHA.—Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.; bu. \$3.50.

12 in. Blue Peter.—Pkt., 10c.; pt., 20c.; qt., 40c.; pk. \$1.35, bu. \$5.

Second Early Sorts.

SHROPSHIRE HERO.

This new splendid Pea is of British origin, and we have found that for general merit it is without an equal. It is a second early wrinkled variety, about 2½ feet in height and is covered from top to bottom with long, handsome and well-filled pods which are well filled with from six to eight peas of superior flavor and quality. Keeps in good condition for a length of time and will be found of value both to the market gardener and for home consumption. Pkt., 10c.; pint, 30c.; quart, 50c.; peck, \$2.00; bushel, \$7.50.

18 in. *Abundance.—Large, new flavor, very prolific. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.00; bush., \$3.75.

30 in. *McLEAN'S ADVANCER.—Bears an abundance of long, full pods, peas very sweet and tender. Excellent sort for home and market garden use. Pkt., 10c.; pint, 20c.; quart, 35c.; peck, \$1.00; bush., \$3.75.

Horsford's Market Garden.—One of the best second early Peas. It grows from 20 to 30 inches high, is very stocky and requires no bushing. It is extremely prolific, and bears its pods always in pairs. Pkt., 10c.; qt., 40c.; peck, \$1.25; bush., \$4.00.

Peas for General Crop and Late Use.

24 in. Stratagem.—Vines of strong growth and need no support, remarkably free-bearing. Peas very large and fine-flavored, pods sometimes six inches in length and well filled. Pkt., 10c.; pint, 25c.; quart, 45c., postpaid; peck, \$1.50; bush., \$5.60.

24 in. *Pride of the Market.—One of the most popular Market Peas. In length of pod it is equal to Stratagem, from which it differs in possessing a greater depth of color, with round, blue seed. The pods are well filled with large and fine flavored peas, from top to bottom. Pkt., 10c.; qt., 40c., postpaid; pk., \$1.55; bu., \$6.00.

60 in. *CHAMPION OF ENGLAND.—The standard late variety for either market or private use. Pkt., 5c.; pint, 20c.; quart, 30c., postpaid; peck, 80c., bush., \$2.90.

30 in. Dwarf Blue Imperial.—Pkt., 10c.; pint, 20c.; quart, 40c., postpaid; peck, \$1.00; bush., \$3.90.

60 in. Tall Grey Sugar.—Edible podded when young. Pkt., 10c.; quart, 40c., postpaid.

*TELEPHONE.

48 in. Market gardeners have found it a most profitable sort. The vines often bear eighteen to twenty pods per stalk, each containing six or seven large peas, of excellent flavor. Pkt., 10c.; pint, 25c.; quart, 45c., postpaid; peck, \$1.40; bush., \$5.00.

24 in. *Yorkshire Hero.—Very vigorous grower, of branching habit; pods large, round and well filled; peas white and wrinkled, of extra fine quality; a great cropper. Pkt., 10c.; quart, 35c., postpaid; peck, \$1.15; bush., \$4.25.

24 in. *Everbearing.—Late dwarf variety of robust growth, forming sometimes as many as ten branches from a single stalk; pods contain six to eight large wrinkled peas often half an inch in diameter. Continues a long time in bearing. Pkt., 10c.; pint, 25c.; quart, 40c., postpaid; peck, \$1.00; bush., \$3.50.

Melting Sugar.—An edible podded variety, growing

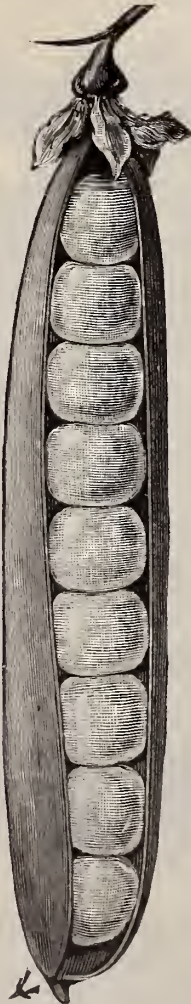
from 4 to 5 feet high; pods very large, whitish, entirely free from membrane; 4 to 5 inches long and one or more broad, each usually containing from 5 to 8 large, round peas. Being edible podded, it should be used in the same way as a wax bean; very sweet and tender. Pkt., 10c.; pint, 25c.; quart, 45c., postpaid.

36 in. Black-Eyed Marrowfat.—Pkt., 10c.; pint, 20c.; quart, 30c., postpaid; peck, 60c.; bushel, \$1.00.

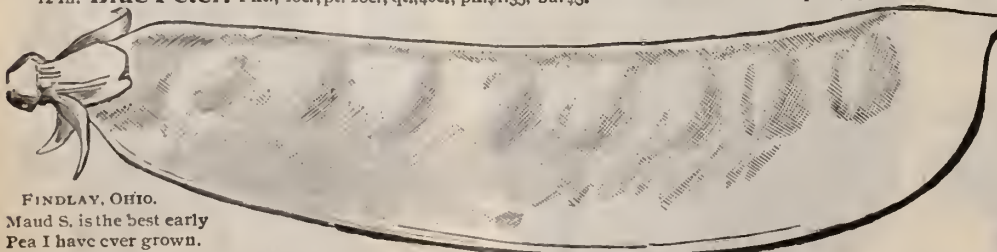
48 in. Large White Marrowfat.—Pkt., 10c.; pint, 20c.; quart, 30c., postpaid; Peck, 65c.; bushel, \$2.25.

Canada Field Peas. Peck, 50c.

Write for market rates on large lots.



SHROPSHIRE HERO.



MELTING SUGAR.

FINDLAY, OHIO.
Maud S. is the best early Pea I have ever grown.

J. P. BAKER.

VAUGHAN'S NORTHERN · POTATOES. MICHIGAN

THE Potato Crop of 1893, owing to extreme and protracted drought in many sections has proved to be even poorer than that of 1892. To our usual Northern grown supply from Michigan we have added several hundred barrels of stock grown from our own seed in Western Minnesota in the Red River Valley of the North. A trial of a few carloads of these last season satisfied us of their value to our customers for a change of seed. The advantages we claim for our North Michigan and Red River Valley stock are **EARLY MATURITY, INCREASED YIELD and VIGOROUS, HEALTHY GROWTH.** Our prices will be found very low, quality considered. All of the leading kinds here offered, have been produced from stock seed supplied by us and grown in carefully separated plots in the field. Such prices are not to be compared in price with the ordinary.

We will ship, when requested, at any time if customers wish to take their *own risk*. Orders from the South can be shipped at any time (except during very severe weather), as direct southern trains from Chicago are out of freezing weather in twenty-four hours. On **LATE ORDERS** it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts.

Five barrel lots of one or more kinds 10 cents per barrel less. Our barrels contain 2 and 3-4 bushels, or 165 lbs. net.

The Vaughan.

ANOTHER year's trial of this new early has more than borne out all our claims for it and added to its popularity, notwithstanding the severe drought in most sections. It is undoubtedly unequalled in table quality and hence for the home garden has no superior, readily taking the place of the old favorite the "Snowflake," now of little use, owing to light yield. The Early Vaughan is a seedling of Peerless, but in form resembles the Early Beauty of Hebron, except that it is longer. The tuber is a beautiful flesh color. The flesh is white and of best quality.

Price of the Vaughan Potato, lb., 30c.; 3 lbs., 60c., postpaid; 1/2 peck, 45c.; peck, 75c.; bush., \$2.50; bbl., \$5.50; medium sized seed, bbl. \$4.50.

LAKE GENEVA, WIS.—Everybody who sees the Vaughan Potato admires it. Its earliness and quality is all that can be wished.

JOHN TRIPADY.

VAUGHAN POTATO.

LENOX, IA.—The Vaughan Potato took the first prize at the Fair. S. CADE.

McCOMB, OHIO.—The Vaughan Potatoes are the best and earliest Potatoes I ever raised, they are No. 1. They cook dry and floury, and could not be beaten.

MRS. CATHERINE PREBLE.

SAVANNAH, GA.—You deserve great credit for selling such fine seed potatoes. There are no small potatoes, all large size and fine yield.

J. F. TIETJEN.

CLEVELAND, TENN.—The Vaughan Potato is the nicest potato I ever raised with no exceptions; splendid quality and uniform size.

C. J. C. NOEL.

ALGERS, IND.—We received the eyes of Freema Potato and while we did not take even ordinary care in planting them, yet they made an early, large smooth, fine potato and are all they are recommended.

MRS. D. BEARD.

Potato Prizes.

Owing to the failure of several of the competitors who reported large yields and weights, to verify the same by affidavits, we were unable to award these prizes at the date of going to press with our 1894 book. The awards when made shall be made to those who faithfully establish their right to the same. We expect to be able to print them in full in the New Horticultural fortnightly paper GARDENING—Feb. 1st issue. (For special offer of this journal for 3 months see back of envelope enclosed in this book.)

PORT HURON, MICH.—After three years trial beside some of the best kinds in the country I am forced to give the Vaughan preference as an "all around" good potato. I like it for its behavior in extremely unfavorable seasons like the past; while many "boomed" varieties failed, it, with ordinary cultivation, produced an abundant crop of beautiful, shapely tubers (bright and free from scab) that would do credit to good potato years.

HIRAM PRESLEY.

LOCKINGTON, OHIO, Oct. 3, '93.—The Vaughan is an excellent potato, and one that I am well pleased with. From 10 oz. of seed I got 6 1/2 lbs. and would have got more had it not been for the very hot and dry weather. A few years ago I got from you the Early Albino Potato, which has proved to be one of the best potatoes for this neighborhood, a good yielder and good potato, but few small ones in the hill and all smooth and nice.

FRANCIS BAILEY.

COLUMBIA CO., WIS.—I find the Vaughan Potato remarkable for the number and evenness of size of the tubers, less than one pound out of 43 lb. 10 oz. not large enough for table use and no extraordinary growth. The quality is unsurpassed. With a favorable season the results would have been far better.

I. C. SARGENT.

OTHER FIRST EARLIES.

Acme Seedling.—The Earliest Potato on our list, ripening even in advance of the Early Ohio. In shape, oblong; color,

flesh white; eyes, yellow. The tubers grow very compactly in the hill. In our trial this season in the Red River Valley, in the same field with Early Ohio, it exceeded that variety very much in yield and ripened fully five days earlier. Its table quality is unsurpassed and we believe it is one of the most desirable early varieties for the market garden or field culture. Our customers who secure stock seed this season will surely make a start with a **money making** potato. We urge a trial of this kind with the utmost confidence. Peck, 75c.; bu., \$2.50; bbl., \$5.50.

The Freeman.—The great merits of this variety are its **extreme earliness and long keeping qualities.** It is also a **first-class yielder**, frequently producing six to nine pounds from a single hill. The tubers are oval in shape, russet in color; flesh very white, both raw and when cooked, fine grained and of the best flavor. From the time they are as large as hen's eggs, they burst open when boiled with their jackets on and are snow-white and floury. Genuine Stock, peck, \$1.00; bu., \$2.75; bbl., \$6.00.

Reed's Eighty-Six.—An excellent rose colored variety, oblong to roundish in shape, a **very quick grower, large yielder and of excellent eating quality.** Three years' trial demonstrated its merits as a **first early**, maturing its crop about with Beauty of Hebron. Peck, 60c.; bush., \$2.00; bbl., \$4.25.

Red Ohio.—This variety has been tested for the last two seasons, and is a variation from the Ohio Jr., more round in form resembling the Triumph. The eyes are somewhat deeper than on the Ohio, but it is claimed to be much earlier in maturing than any of the Ohio class, and we recommend a further trial. A N. Y. State introduction. Peck, 65c.; bush., \$2.00; bbl., \$4.00.

Early Ohio.—Now widely known and deservedly one of the most popular sorts that "grow in the ground." We grow it more extensively than any other, finding it the most popular of all the older standard kinds we offer. This season of general failure of potatoes we find only our Minnesota contracts sufficiently filled to offer any stock. This is bright, large and healthy; will surely please our customers. Pk., 60c.; bu., \$1.85; bbl., \$4.25; 3 bbls. for \$12.00.

Beauty of Hebron.—An early, rapid growing variety, excellent for table use, either baked or boiled; earlier than the Early Rose, and excelling it from 25 to 40 per cent. in yield. Too well known to need description. Choice New York State stock, grown for us in Washington County, peck, 60c.; bush., \$2.00; bbl., \$4.50.

Early Polaris.—A long, oval, creamy white potato, cooking very white. First class in quality and very prolific. A good one. Peck, 60c.; bush., \$2.00; bbl., \$4.25.

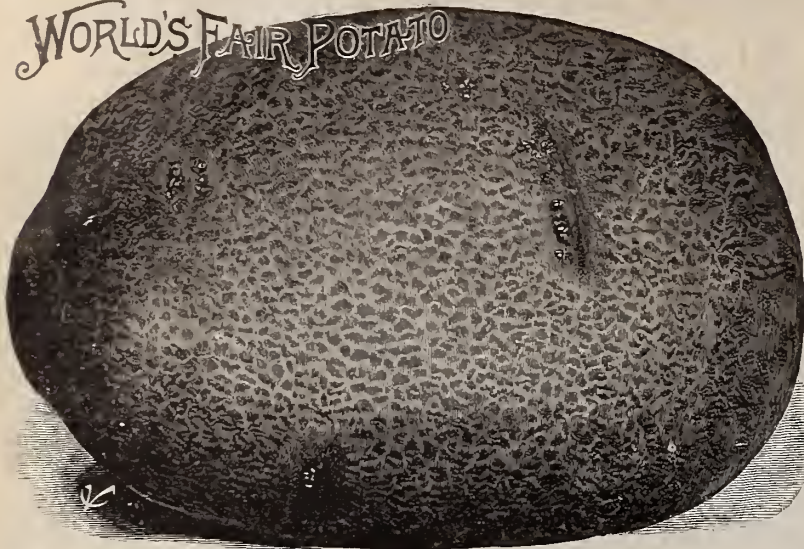
Assorted Bushels or Barrels of Potatoes.

Customers when ordering barrels made up of four or more kinds but not less than one peck of each may figure each at the bushel rate, and if made up of three kinds only, may figure each at the barrel rate.

PREPAID PRICES for small quantities of any variety of Potato except noted are, lb., 25c.; 3 lbs., 60c.



WORLD'S FAIR POTATO



EARLY OXFORD.—The type is that of the Early Rose, but lighter in color. A strong grower, and equals the old Early Rose in its best days. In quality it is hard to beat, and we believe it to be one of superior merit. After the Alexander's Prolific it was the most productive kind with us in 1892. It comes from the best potato section in the State of Maine.

Peck, 60c.; bush., \$1.65; bbl., \$3.75.

GENERAL CROP AND LATE.

World's Fair Potato.

A NEW Potato of great value for *general use*. It is a *first quality*, strong growing, *very prolific*, *main crop variety*. Tubers are smooth, eyes so nearly even with the surface as to be almost imperceptible; perfectly symmetrical in form and outline; skin yellowish white, well covered with netting; flesh pure white, fine grained and mealy. Vines grow very thick and strong, tubers grow very compact in the hill and near the surface. Price of World's Fair Potato, pk., \$1.25; bu., \$3.50; bbl., \$7.50

Rural New Yorker, No. 2.—This potato is of most distinct appearance. It is very large, usually smooth with few and shallow eyes; form oblong inclining to round and rather flattened. Skin and flesh white, quality excellent; season intermediate. Tubers of great uniformity in size, almost every one marketable. It has been thoroughly tested and has proved one of the most valuable varieties. Peck, 60c.; bush., \$1.75; bbl., \$3.75.

SNOWFLAKE.—The old favorite table potato. We grow a few barrels of it every season for some of our customers, who will have no other. To its fine table qualities we need not refer. Peck, 50c.; bush., \$1.60; bbl., \$3.50.

SEED SWEET POTATOES.

We ship only in Boxes or Barrels.

Grown, stored and handled especially for seed purposes. They are grown in this State, but we can also supply New Jersey stock of Yellow Nansemond at 50c. per barrel advance. None shipped until about planting time. We notify all who request it as soon as potatoes are ready for shipping. The following varieties are kept in stock:

YELLOW NANSEMOND,
SOUTHERN QUEEN,
RED NANSEMOND,
BERMUDA.

Bush, \$2.00, packed in box, 25c. extra; ½ bush., packed in box, \$1.25; bbl., \$4.50; 3 bbls., \$13.00. Special prices given on large lots.

EARLY RED JERSEY.—In its short "chunky" round shape, earliness, productiveness and fine quality it excels all others; color rosy, keeps well. Pk., 75c.; ½ bu., \$1.35; bu., \$2.25; bbl., \$4.75.

NEW EXTRA EARLY CAROLINA.

A very superior sort in earliness, productiveness and quality. Of a bright yellow color, fine grained, much nearer the Irish potato than usual with sweets. It is so early as to be especially desirable for all Northern sections. Peck, 75c.; ½ bu., \$1.35; bu., \$2.25; bbl., \$4.75.

Sweet Potato Plants.

ONE HUNDRED Sweet Potato Plants well attended to will produce several bushels of tubers, and should be grown by every one that has a kitchen garden. Price 75c. per 100, postpaid.

NEENAH, WIS., Sep. 3, 1893. I bought of you and planted one barrel Early Vaughan and one barrel Alex. Prolific Potato. They have done well and the Vaughan is the finest potato ever seen here. J. A. KIMBERLY.

PREPAID PRICES for small quantities of any variety of potatoes, except noted, are 1 lb., 25c.; 3 lbs., 60c.

SECOND EARLIES.

The Arizona.—A great favorite in our Southern trade, color a little brighter shade than the Early Rose. Originated in Arizona from a cross of the Early Rose with the native wild mountain potato. Very hardy; an **EXTRA CROPPER**, and shows a vigorous habit that has made it popular wherever tried. Peck, 50c.; bush., \$1.65; bbl., \$3.65.

Prof. Huebner of Wisconsin says: "Best potato in the World."

LEE'S FAVORITE.—It is entitled to a very high rank among the early sorts, for the following reasons: *Extreme earliness*, *great productiveness*, having yielded at the rate of 400 bushels per acre; *good size*; some tubers have weighed one pound each, and but a small proportion of small or undersized tubers in the crop. As early as Beauty of Hebron, but a much better yielder. Keeps until late in spring. Peck, 50c.; bu., \$1.60; bbl., \$3.65.

SUMMIT.—For a second early potato this is one of the most desirable varieties. It is a very strong grower, and is peculiarly free from disposition to rot. In color it is a shade lighter than the Early Rose, but of similar shape, and on strong soils is inclined to grow somewhat more roughly. Its peculiarity of rooting deeply protects its growth during drought, and for this reason in dry seasons and on upland soils is one of the best producers. The tubers are very handsome in appearance. The cooking qualities are of the very highest, and it is a large yielder. We have had grown for us this season, a select stock of this valuable variety and speak with great confidence of its value for general planting. Peck, 65c.; bush., \$2.00; bbl., \$4.00.

ASSORTED BARRELS.—We will put these up at catalogue pound, peck and bushel rates, less 10 per cent., if ordered **EARLY, BEFORE BUSY SHIPPING SEASON BEGINS.**

POTATO SEED.—American and French mixed from best hybridizers. Every potato fancier should give this mixture a trial. **Pkt., 25c.** One packet **FREE** with every \$5.00 potato order, when mentioned on order.

ALEXANDER'S PROLIFIC.—We still recommend this as *one of the best of our entire list*. Very productive, skin white, well covered with rough netting, eyes few and lie even with the surface; flesh pure white, with finest flavor; fine grained, dry and floury. Being long, large and white it *brings the highest market price*.

Peck, 60c.; bush., \$1.60; bbl. \$3.65.

KOSHKONONG.—A Wisconsin Seedling. Our customers in Jefferson Co., Wis., report very favorably on this variety the past two years. It is a strong grower and heavy yielder; quality first-class. In shape more roundish than the Snowflake; color nearly white. Peck, 50c.; bush., \$1.60; bbl., \$3.50.

THE DELAWARE.—Has done excellently well for us again this season. Mr. Gregory did not go far wrong when he sent out this variety with his strong endorsement. Peck, 50c.; bush., \$1.65; bbl., \$3.75.

AMERICAN WONDER.—A good all around productive late variety for general field culture. The tubers are white, large and uniform in size; elongated, slightly flattened; few eyes, nearly flush with the surface; quality excellent, either baked or boiled. Peck, 50c.; bush., \$1.60; bbl., \$3.50.



ARIZONA POTATO.

Concave Potato Knife.



With the Concave Potato Knife, seed potatoes can be cut better, and \$2.00 to \$3.00 an acre saved in seed and time by its use. The blade is very thin and just the right shape to divide the potato into one, two or three eye pieces very rapidly, without cracking the tuber or injuring the vitality of the germs as the punch cutters will do.

Price, postpaid, each, 30c.; 6 for \$1.50.



OUR improved method of preparing potato eyes for shipment by mail will enable farmers and others living at a distance to test the following *Four Splendid Varieties* at a trifling cost. Every one knows the heavy expense attached to sending whole potatoes long distances by Express or Freight, the *charges often costing more than the potatoes.* The eyes as put up by us, will keep 60 to 90 days in good condition for growing, as if freshly cut from the potato, and will produce just as good a crop as if the whole potatoes were planted; hence, every one who has a garden can order at any time during the winter or early spring and save Express and Freight charges,—as we *GUARANTEE* safe arrival to any postoffice in the United States. Owing to the extra labor involved in preparing the eyes for shipment, we can only offer four varieties this season, as follows:

- | | | |
|--|------|---|
| 25 Eyes of the Early Acme Potato, price..... | 35c. | } See pages 23 and 24 for descriptions. |
| 25 Eyes of the Early Summit Potato, price..... | 35c. | |
| 25 Eyes of the Early Delaware Potato, price..... | 35c. | |
| 25 Eyes of the Early Vaughan Potato, price..... | 35c. | |

— THE COMPLETE COLLECTION OF FOUR SORTS FOR \$1.00, POSTPAID. —

MAMMOTH PRIZE PUMPKIN.

The flesh and skin are of a bright golden yellow color, very fine grained, of excellent quality and notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 200 lbs. Pkt., 10c.; oz. 30c.; ¼ lb., 90c.; lb., \$3.00.



Culture.—These are easily grown and are profitable for stock feeding. At time of corn planting scatter a few seeds in every fourth or fifth hill, or for a large crop sow in May, in good warm soil in hills 8 to 10 feet apart each way, 4 plants to a hill. Avoid planting near other vines as they will hybridize. One ounce will plant 15 hills.

— Read Inside Cover Pages. —

NEW PIE PUMPKIN "CALHOUN."

It is medium in size, extraordinarily heavy and solid, very productive and of excellent quality. The outside is a cream color, while the flesh, which is very thick and fine grained, is a salmon yellow and of superior quality. It is undoubtedly one of the best for pies. Pkt., 10c., oz., 15c.; ¼ lb., 45c.; lb., \$1.40.

RED ETAMPES MAMMOTH.—Skin smooth, bright glossy red, flesh deep orange, very thin and superior quality. Matures early, and attains an immense size. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

Large Field.—Standard sort for field culture; can be grown with corn. Pkt. 5c.; oz., 10c.; ¼ lb., 15c.; lb., 35c. By express, 10 lbs., \$1.50; 25 lbs., \$3.50.

Large Tours, or Mammoth French.—Often weighs over one hundred pounds, but is rather hollow; flesh is of a salmon color and keeps well. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Banana or Custard Squash.—Form ribbed, color creamy white with light yellow flesh, of particularly good quality for pies. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.25.

Sweet Potato.—A pear shaped pumpkin, creamy white in color, sometimes striped with green; size medium, flesh creamy white, fine grained, thick dry and brittle; flavor of the best. For cooking purposes they have no equal; they keep sound until late in the spring. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

QUAKER PIE PUMPKIN.

It is oval in shape and tapers toward each end, of a creamy color both inside and out. Being fine grained and rich flavored, it makes a superior quality of pies. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.40.

Dunkard Winter.—Orange yellow, lightly striped outside with deeper yellow, fine grained, thick flesh, and a great keeper for winter use. Pkt. 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

Japanese Pie.—The flesh is very thick, solid, unusually fine grained dry and sweet, resembling Sweet Potatoes in taste. They ripen early and keep well. The seeds are very curiously marked. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Small Sugar.—A small orange colored sort, remarkably sweet, fine grained and dry. Keeps well, and cannot be beaten for table use. Always gives the highest satisfaction. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Large Cheese or Kentucky Field.—Cheese-shaped, in flavor like the Crookneck squash; yellow fleshed, fine grained, and very productive. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Black Sugar.—Negro, or Nantucket Pie Pumpkin.—It is oblong or bell-shaped and ribbed, the outer color of the skin dark green almost black, the flesh is orange. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Gray Boulogne.—Shape round, flattened. Skin grayish green, slightly netted, flesh golden yellow, dry and of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

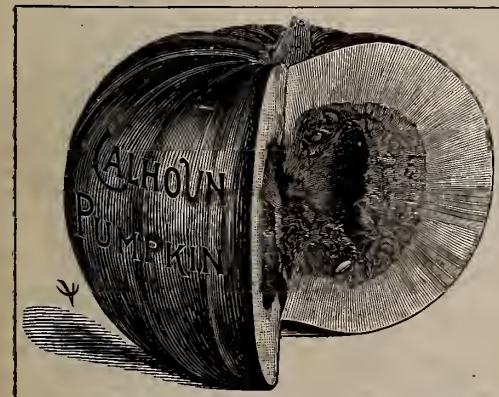
Cushaw.—Very large, flesh yellow and solid; productive and a good keeper. A great favorite in the South. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

Mixed, Largest Varieties.—Assorted in one package. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Mixed.—All above varieties, in one large package, 10c.

Pumpkin Prizes.

The competition for the \$100.00 cash offered by us for the heaviest specimens of our Mammoth Prize Pumpkins has been very great. After carefully verifying the accuracy of the weights reported and securing affidavits from those in the lead, we have found the following persons justly entitled to the prizes awarded, as follows:—
 \$50.00 to IRA C. ELDRIDGE, Ottumwa, Iowa.
 25.00 to A. W. DIXON, Arroyo Grande, California.
 15.00 to ED. SMITH, Loveland, Colorado.
 10.00 to GEO. C. WOOD, Manlius Station, N. Y.



MANISTEE, MICH. We have some of your Calhoun Pumpkins that we suppose will weigh from 140 to 150 lbs. each. Our strongest man cannot lift them. We shall have them weighed. We brought the smallest one to the house for pies and it weighed 75 lbs. You call this pumpkin medium in size, well I shall have to get some of your Mammoth Prize Pumpkins and see what we get then.
 J. E. CARLETON.

WESTERN BUYERS SHOULD REMEMBER THE LOW FREIGHT RATES FROM CHICAGO.



FRIENDSHIP, IND. We think the Giant Chicago Musk Melon to be one of the very best. We planted four kinds and they were the largest and sweetest of all. The Cauliflower was also very nice, and the Lettuce ran riot with three other splendid sorts. The Maderia Onion is a very nice shape of onion and of good quality. Thank you for the nice extras. All the seeds obtained from you gave perfect satisfaction and proved to be as good or better than represented in Vaughan's Gardening Illustrated.
 JOHN P. DRESSERHAUS.



All saved from selected and transplanted roots. If ordered by freight or express, deduct 8 cents per pound from prices quoted. Five pound lots of any variety at 10 cents less per pound.

EXTRA EARLY AND FORCING VARIETIES.

VAUGHAN'S EARLIEST CARMINE TURNIP.

This new kind was introduced by us and has proved to be a valuable addition to our list of early forcing Radishes, being of extremely quick growth, maturing in about three weeks; the leaves are very short, which renders them particularly adapted for forcing under glass; they are of superior flavor, being crisp and tender, and in color they are of fresh, deep carmine-red; very attractive and pleasing. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Vaughan's Earliest Scarlet Globe, White Tip.

Like the above an extremely quick growing sort, of very attractive appearance, being of a bright scarlet with a white tip. Both kinds have given general satisfaction. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25

Twenty Days Forcing.—A new and very distinct type of well-known olive-shaped Radish, which is of perfect form, smooth skin, fine color, and has very short leaves. This, combined with its extremely quick growth, taking only three weeks to mature, renders it extraordinary valuable for forcing, while it does equally well in the open ground. The flesh is pure white crisp and of very pleasant taste. Owing to its short leaves it can be sown thickly. A great favorite with gardeners at Chicago. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Earliest White Turnip Short Leaved. (PHILADELPHIA WHITE BOX.)—Of quick growth, the roots are round pure white; tails very thin, leaves short, flavor excellent. Fine for forcing and open ground. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

Improved Early Breakfast.—In shape and size like the French Breakfast, but its color is very deep, glossy crimson, which shade is preferred in most markets to that of the old variety. The white tip is well defined and contrasts very pleasingly with the deep red of the upper part. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

Earliest Carmine Erfurt.—One of the earliest sorts, turnip-shaped; color, fine carmine; it is remarkably mild, crisp and tender; has very short top and cannot be too highly recommended for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

Non Plus Ultra.—This is a turnip sort of fine round form, bright scarlet color, of tender flesh and delicate flavor; its remarkably quick growth and very short top render it one of the best for forcing. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

Early Scarlet Globe.—A most desirable turnip sort for hot bed forcing; very early, and in flavor mild, crisp, juicy and tender; top small, and it will stand the heat well without becoming pithy. One of the best selling Radishes on account of its very attractive color and shape. Pkt., 10c., crop failed.

Scarlet Turnip, White Tip. Select Stock. (ROSY GEM)—A very fine strain of this well known kind, even in size, smooth, and a fine bright scarlet, with clear white tip. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Early Deep Scarlet Turnip.—Smooth skin; rich deep red color; small top; extra early; one of the finest market sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

EARLY WHITE TURNIP.—Like above, but white. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

Olive-Shaped, Deep Scarlet.—Very early, oblong in shape, deep scarlet, flesh rosy and tender. An excellent gardeners' sort for early forcing and out-door planting. We supply this in quantity and offer at a very close price. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Olive-Shaped White.—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Olive-Shaped Early Rose.—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Half Long Deep Scarlet.—A trifle longer than olive shaped sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Early Long Scarlet Short Top.—Standard long variety

for market and home gardens. Root is long, growing partly above ground, straight, smooth, and of a rich scarlet color, very crisp and a quick grower. Our seed is specially selected. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

WOOD'S EARLY FRAME.—In shape and color similar to Long Scarlet, though not quite so long, it is, however fully 10 days earlier; top small; a very desirable forcing variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

FRENCH BREAKFAST.—A popular very quick growing variety for early forcing; oval in shape, color scarlet, tipped with white, very crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

Mixture of Earliest Turnip and Oval Varieties.—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

SUMMER VARIETIES.

VAUGHAN'S MARKET.

The best of early large white kinds; exceedingly tender and fine flavored. A half long white Radish resembling the Strassburg in size but is of quicker growth, very smooth and regular in appearance, with very pure white skin and exceedingly delicate and brittle. It sells at sight. Forces quickly, and is also desirable for open ground. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25

Improved Chartier or Shepherd.—One of the most distinct varieties. Color scarlet at top, shading to pink at center, and white at tip. It will keep crisp and tender and retain a mild, pleasant flavor for two months. They remain of good quality for table use for a long time. This is really the best all-around Radish we have, and equally desirable for the market and home garden. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

New Half Long Munich.—(MUENCHENER BIER RETTIG.)—A new sort, skin white mottled with brown, flesh pure white, brittle and of delicate flavor. This is the kind used so largely in Munich where it is served with that celebrated Bavarian beer, hence the name. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

SURPRISE.—A Spanish variety, medium size, oval in shape and a light brown color. Of very early, quick growth. It is remarkable for remaining longer in fine condition without becoming pithy, than any other very early sort. It has also the same fine quality when sown in the middle of the summer. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

Early White Giant Stuttgart.

An early and remarkably quick growing variety which is, although of large size, of finest quality. The flesh and skin are pure white, crisp and of excellent flavor. It withstands the severest heat. The roots which are turnip-shaped, may be pulled for use about six weeks after sowing, although they will continue to increase in size for some time longer without becoming deteriorated in quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.

Grey Summer Turnip.—Withstands the summer heat. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

Yellow Summer Turnip.—A large yellow Radish, withstands summer heat and drought; a quick grower. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

GOLDEN YELLOW SUMMER TURNIP.—An improvement on the above; bright golden yellow color, small leaves; very early, often being fit for use four weeks after sowing. One of the best radishes to withstand summer heat. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Golden Dresden.—A very valuable sort both for market and family use. It is of quick growth making radishes in 28 days. The roots are of medium size, round, smooth and have a clear golden skin. The flesh is white and of fine flavor. Pkt., 5c.; ¼ lb., 40c.; lb., \$1.50



IMPROVED CHARTIER OR SHEPHERD.

RADISH.

SUMMER VARIETIES.

Long White Strassburg or Hospital.

A white variety, large and showy, half long in shape a leading sort in the Chicago market; it matures quickly, sometimes in six weeks, and holds its table qualities well. It is commonly sold when six or seven inches in length, and then has a diameter of nearly two inches in the upper third of its length, from which it tapers gradually to a point. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Long White Vienna, or Lady Finger.—One of the finest of long white Radishes; snow white, very brittle and crisp, of beautiful shape and rapid growth. Pkt., 5c.; oz., 15c., ¼ lb., 35c.; lb., \$1.10.

Long White Naples.—Mild flavored, good for summer and fall use. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.10.

Black Summer Turnip.—Excellent variety for summer growing as it endures the heat well, is of quick growth and good quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Summer Varieties, Mixed.—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Milan, Mo.—Cardinal Radishes are attractive and sell well and are very good, Wood's Early Frame and Charter give the best satisfaction of any varieties yet tried by me. D. Custer.



STRASSBURG, OR HOSPITAL.

MAMMOTH RHUBARB.

The most vigorous and productive variety known. The leaf stalks are very numerous, the longer ones being fifteen inches long and fully one and a half feet wide. The whole plant is nearly five and a half feet in diameter, while the leaves exclusive of the flower stalks are about two and a half feet in height. It is the first article of the season from the garden, and no private garden should be without it. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50, postpaid.

Rhubarb Roots.

Set in spring and they will furnish leaf stalks the following season. We offer the largest and best variety.

VICTORIA.—Extra large clumps, not prepaid, each, 15c.; doz., \$1.50. **Small Roots,** each, 10c.; doz., \$1.00, by mail, postpaid.

SALSIFY (VEGETABLE OYSTER.)

(HAFER-WURZEL.)

Generally known as the Oyster plant. We esteem this to be



SALSIFY, LONG WHITE.

a much better root for table use than the parsnip or carrot. Some persons

have been skeptical as to its possessing an oyster flavor, as it seldom attains true taste, until, like the parsnip, it has been well frosted. But if dug up during thaws in winter and early in the spring, and boiled like carrots or parsnips, or half boiled and grated fine, made into balls, dipped into a batter and fried like oysters it is a very excellent substitute for the shell-fish itself.

SALSIFY, Long White. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.10.

SCORZONERA, or Black Salsify.

(SCHWARZ-WURZEL.)

Treatment same as Salsify, which it closely resembles, except that the skin is black. Soak in cold water a few hours before cooking to remove the bitter taste. One ounce will sow 50 yards.

Long Black.—Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

SORREL. (SAUERAMPFER.)—Broad Leaved French. Pkt., 5c.

See Back Cover Page for best Long Scarlet Radish.

RADISH.

WINTER VARIETIES.

California Mammoth White Winter or Large Russian.—Growing to immense size, flesh solid white and of good flavor. Pkt., 5c.; oz., 10c.; lb., 90c.

Rose, or Scarlet China Winter.—A good winter sort; sow in summer same as turnips; flesh white and quite pungent. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Round Black Spanish.—Round and firm; flesh white, appetizing; good keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Long Black Spanish.—Large, skin black, flesh firm and white; milder than above. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

White Spanish Winter.—Similar to above. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Round Scarlet China.—A new round Winter Radish of a fine scarlet color, medium size, about three inches in diameter; the flesh is pure white and of a pleasant flavor. The seed may be sown at intervals from spring until fall. An extra good sort. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

CHINESE MAMMOTH, or Celestial.

This immense Winter Radish is grown by the Chinese gardeners, and is one of the largest in cultivation. The flesh is white and solid and the flavor excellent. **True imported seed,** Pkt., 10c.; oz., 35c. **American grown seed,** Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

SPINACH.

Special Prices for large lots.

EXTRA LARGE ROUND LEAF.—Our stock is very fine. Oz., 5c.; ¼ lb., 15c.; lb., 30c. By express 10 lbs., \$1.20.

Prickly Seeded.—Very hardy, good for winter planting. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

Long Standing.—New, slow going to seed. Oz., 5c.; ¼ lb., 15c.; lb., 35c. By express, 10 lbs., \$1.25.

Bloomsdale, or Savoy-Leaved.—A well-known sort. Oz., 5c.; ¼ lb., 15c.; lb., 30c. By express, 10 lbs., \$1.50.

Viroflay.—Quick, very strong growth; much used by New York truckers. Oz., 5c.; ¼ lb., 15c.; lb., 30c. By express, 10 lbs., \$1.40.

New Zealand.—This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry arid localities where the ordinary spinach does badly. The leaves are eaten boiled like those of the other kinds. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Strawberries.

Bush Alpine Strawberry, Red.—Pkt., 10c.

Bush Alpine Strawberry, White.—Pkt., 10c.

These two kinds are very distinct and have the advantage of growing without producing any runners, and on this account are valuable for planting on edges. They are hardy, productive and continuous bearers, and come true from seed.

Large-fruited Sorts.—In best mixture. Pkt., 10c.



A Grand Bargain. 8 Pkts. of Garden Seeds for 25c., by mail.

One large pkt. each, Columbia Beet, Danver's Carrot, White Spine Cucumber, Black Seeded Simpson Lettuce, Notted Gem Musk Melon, Bermuda Onion, Hollow Crown Parsnip and Ne Plus Ultra Radish; for 25c., postpaid.



EXTRA LARGE ROUND-LEAVED SPINACH.

* VAUGHAN'S SELECTED SQUASH SEED. *

Per Packet, 5 Cents, Except Where Noted. Prices include Prepayment by Mail.



MAMMOTH WHITE BUSH. (Selected Stock.)

Mammoth White Bush Scalloped.

We have secured at a high price, some seed of an **extra large strain** of the above well-known kind that has been very carefully selected by a reliable Market Gardener for a number of years. A very select and profitable strain for market. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

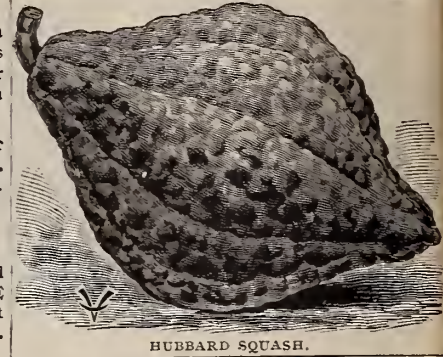
Mammoth Golden Bush. (GARDENER'S SELECT STOCK.) Early, pale yellow, very handsome and uniform. Our strain of this is the best of all the very early squashes. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

Vaughan's Summer Crookneck.

(SELECT STOCK.)

This is an old staple article of the Seedsman's stock, and though we DO NOT claim our seed to be the "BEST IN THE WORLD," yet it is as pure as we have seen, and the product is as near to what the squashes should be as usually grown. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

ILLINOIS BEAUTY.—An Autumn variety in season from September to December; average size twelve to fourteen inches long and four to five inches in diameter. **Very thick meat**, having almost no seed cavity; remarkably **distinct and showy in appearance**, one or both ends being of deep green color, while the center band is of rich deep orange, slightly ribbed, but **excellent shape for the market and of good quality**. Very prolific and a strong grower. Pkt., 10c.; oz., 50c.



HUBBARD SQUASH.

CHICAGO ORANGE MARROW.

First introduced by us in 1882, and has met with general approval. Its distinctive feature and the one which gives it the greatest and most widespread popularity, is its earliness—it is **at least ten days earlier than any other long-keeping sort**. It grows as long as the Hubbard, and is of as good quality. It is in season from September to January, and is **the most salable kind** during that time in the market; this is owing to its smooth and handsome shape, good size and creamy-orange skin. A similar strain, but lighter in color, is offered under another name. Gardeners should try it. We feel sure that it will satisfy all who test its merits. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c. (See colored pages of catalogue for New Squashes.)

Pike's Peak or Sibley.—In color pale green, shell very hard and flinty, though thin. The weight ranges from eight to eleven pounds. It ripens with the Hubbard, and is more prolific, a long keeper and a good shipper. Oz., 10c.; ¼ lb., 20c.; lb., 70c.

Mammoth Chili.—The largest of all squashes, often attaining a weight of 200 pounds, without losing its fine shape and good quality. The flesh is very thick, of a bright orange color, and keeps well throughout the winter. It is very productive, and will be found very profitable for stock feeding. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.30.

Marblehead.—A winter sort resembling the Hubbard, but with harder shell. Oz., 10c.; ¼ lb., 25c.; lb., 75c.

Canadian Winter Crookneck.—Prolific and of good quality. Oz., 10c.; ¼ lb., 20c.; lb., 70c.

WHITE PINEAPPLE.—Oz., 10c.; ¼ lb., 25c.; lb., 90c.

Boston Marrow.—A standard sort. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Red China.—Bright red color, marked longitudinally with yellow and dark green. The flesh is yellow. Oz., 10c.; ¼ lb., 25c.; lb., 85c.

Cocoanut.—An excellent and beautiful little squash for table use. The flesh is fine grained, sweet and very solid. Oz., 10c.; ¼ lb., 25c.; lb., 75c.



CHICAGO ORANGE MARROW SQUASH.

Hubbard.—Few seedsmen that have not the **purest** Hubbard squash in existence, while in reality absolute purity is very difficult to attain. Our seed is from squashes grown especially for seed, and that have been grown and carefully selected for the last ten years; therefore we claim the **best strain** in the market. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

Fordhook.—A most excellent new squash. Of handsome appearance yellow outside and straw-yellow within. The flesh is as dry as Pike's Peak and of the most delicious flavor. It ripens early and is one of the best keepers we know of; it can be kept all through the winter until June. It is very prolific and bug and borer proof. We can highly recommend it to our customers. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.



VAUGHAN'S SUMMER CROOKNECK SQUASH

American Turban.—Flesh thick, yellow, skin greenish, striped. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

PERFECT GEM.—Unexcelled for table use. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Vegetable Marrow.—Of splendid quality. Oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

White Bush.—Light cream-colored, scalloped; very early and productive, grows to a good size. Oz., 10c.; ¼ lb., 20c.; lb., 50c.

Yellow Bush.—The old standard strain. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Summer Crookneck.—Early and prolific; quality good, skin yellow and warty; fine for summer. Oz., 10c.; ¼ lb., 20c.; lb., 60c.

Dunlap's Prolific Orange Marrow.—A grand improvement on the Boston Marrow, in regard to earliness, productiveness and good keeping qualities. Oz., 10c.; ¼ lb., 25c.; lb., 80c.

Essex Hybrid.—A medium late sort, one of the richest flavored, finest grained and sweetest of all the squashes, and an excellent keeper; very early, and of quick growth. Oz., 10c.; ¼ lb., 25c.; lb., 80c.

BAY STATE.—The excellent features of this new variety are its extreme solidity, heavy weight, fineness and dryness of grain, and sweetness of flavor. Oz., 10c.; ¼ lb., 25c.; lb., 80c.

VAUGHAN'S SQUASH COLLECTION.

One packet each Sibley, Mammoth White Bush, Vaughan's Selected Crookneck, Fordhook, Bay State and Chicago Orange Marrow. The six, covering all seasons, for 20c., postpaid.

USE SLUG SHOT FOR BUGS.

OUR NEW BOOK. *Vaughan's Vegetable Garden*, just issued, contains full cultural directions and valuable information. Price, 10c., or **FREE** with every order to the amount of 35c. or more.

Our Back Cover Page Collection contains 4 of the best Vegetable Specialties of the season; one pkt. each, New Climbing Cucumber, Crosby's Egyptian Beet, Heroine Pea and Brightest Long Scarlet Radish, all 4 for 25c., postpaid.

Remember! We pay \$250.00 in Cash for largest yield of Onions. See second cover page for particulars.



FORDHOOK SQUASH

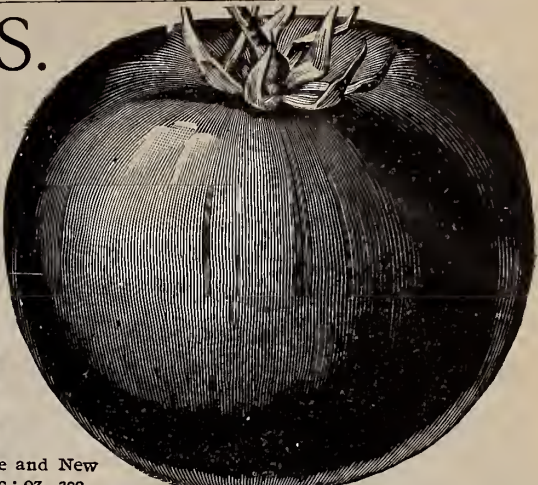
TOMATOES.

For many years our Tomato seeds have been grown for us by careful seed growers who devote their whole attention to this crop. Our customers, gardeners and canning companies, have fully appreciated the class of seed we supply and enabled us by increased orders to secure most carefully selected seed at closest prices for large quantities. We can vouch for every variety listed.

VAUGHAN'S EARLIEST OF ALL.

Introduced by us in 1890. From our own trials, the reports of our customers and from comparative tests by the various Experiment stations we are convinced the full meaning of the term "*Earliest of All*" may confidently be applied. It is of good medium size, fairly smooth and very productive. Do not plant for main crop, but use Atlantic Prize and New Stone after it. Price, pkt., 10c.; 3 for 25c.; 1/2 oz., 25c.; oz., 30c.

VAUGHAN'S EARLIEST OF ALL.



CHEMIN MARKET.

THE NEW STONE.

An excellent shipping variety; quality the very best, fine for canning; a good keeper, without hard core and not subject to rot. Fruit large, very smooth and of bright scarlet color; flesh firm and solid. Pkt., 10c.; oz., 20c.; 1/4 lb., 65c.; lb., \$2.50.



THE NEW STONE.

DWARF CHAMPION.

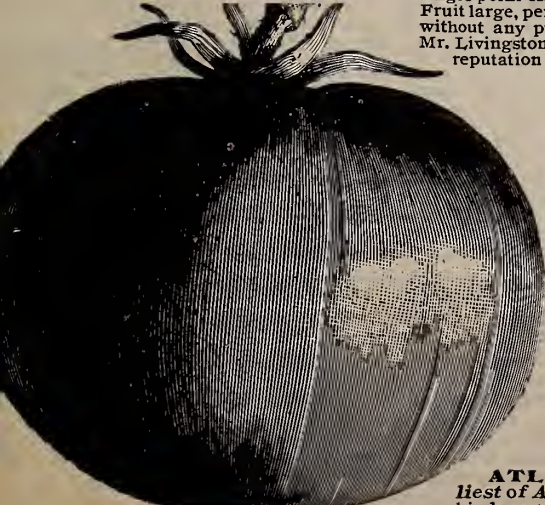
In form and color the fruit closely resembles the Acme; it is always smooth, symmetrical and attractive in appearance; the skin is tough and the flesh solid; ripens well close round to the stem and is not so much subject to crack as some other sorts. Pkt., 5c.; oz., 25c.; 1/4 lb., 75c.; lb., \$2.50, postpaid.



DWARF CHAMPION.

LIVINGSTON'S BEAUTY.

In form the Tomatoes are round, smooth and of a glossy crimson color slightly tinged with purple. Is very solid and free from cracks and rot, will ripen up nicely if picked green, and on account of its solidity and toughness of skin, cannot be excelled for shipping. Pkt., 5c.; oz., 20c.; 1/4 lb., 65c.; lb., \$2.25.

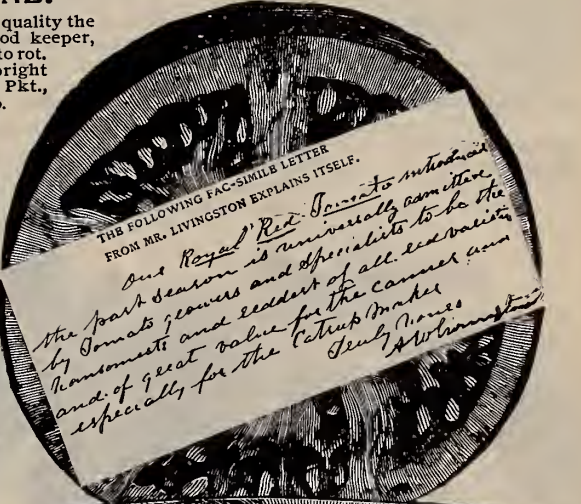


LIVINGSTON'S BEAUTY.

CHEMIN MARKET.

(VAUGHAN'S APPLE-SHAPED.)

An early and very handsome variety, its roundness and bright scarlet color attracts much attention. Another point in its favor is its extreme solidity, being much heavier than some of the other standard sorts. It will often sell at 10 cents per crate higher than Acme or Paragon. Pkt., 10c.; oz., 25c.; 1/4 lb., 65c.; lb., \$2.50.



LIVINGSTON'S ROYAL RED.

Livingston's Royal Red.

The best main crop variety for the shipper, market and private gardener, and of special value to the canner and catsup maker, for the reason, not a single point essential in a main crop variety is lacking. Fruit large, perfectly smooth, and of a vivid red color, without any purple tinge. (See fac-simile letter from Mr. Livingston.) It is hardly necessary for us to say more about this grand new variety as Mr. Livingston's reputation on the Tomato question is sufficient. Pkt., 10c.; 1/2 oz., 15c.; oz., 25c.; 1/4 lb., 75c.; lb., \$2.60.

IGNOTUM.

It is very large, smooth and regular, and extraordinarily solid, while the seed cavities are the smallest of any Tomato. It is also very productive and uniform, the last picking scarcely being inferior to the best of the season. It is of a handsome deep red color, ripens perfectly up to the stem and remarkably free from cracking and rotting. Pkt., 5c.; oz., 25c.; 1/2 lb., 75c.; lb., \$2.50.

THE TWO PEACH TOMATOES.

Handsome and delicious, new form and style of Tomato. The fruit is of uniform size resembling a peach in shape, size and color, one of which is a deep rose blended with orange amber, and in another clear lemon yellow. It is desirable for eating from the hand. The skin is thin and peels off like that of a peach. The yellow which we introduced two years ago is an exact counterpart of the original and makes a handsome addition to any collection.

Each { Peach Tomato } Pkt., 10c.; 1/2 oz., 20c.; oz., 35c.
Both kinds mixed, pkt., 10c.; 3 for 20c.



ATLANTIC PRIZE.—One of the earliest Tomatoes grown, following closely our "*Earliest of All*." Its most important feature is its extreme earliness, being much ahead of such standard kinds as Acme, Favorite and Dwarf Champion, while the vines are very vigorous, stiff and strong. The fruit is borne in immense clusters, each vine producing from 60 to 70 fruits. Pkt., 5c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.50.

—VAUGHAN'S SELECTED TOMATO SEEDS.—CONTINUED.—

LONG KEEPER.—The result of careful selection with a view to increasing the *long-keeping qualities, uniformity in shape, earliness in ripening* as well as the *productiveness of the vines*, so we have in this Tomato a variety which we would particularly recommend to the market gardener. Pkt., 20c; oz., 30c.; ¼ lb., 65c.; lb., \$2.25.

THE MATCHLESS.—The vines are strong, of vigorous growth and very prolific. The fruit is remarkably solid, entirely free from core and not liable to crack in wet weather. They are *very large, good keepers, smooth* and of a beautiful deep red. Pkt., 5c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

Volunteer.—Of large size, round, very smooth and perfect in form color bright red. No core, very early. Enormously productive. Pkt., 5c.; oz., 15c. ¼ lb., 60c.; lb., \$2.00.

Table Queen.—As large as Mikado but perfectly round and smooth. Very solid and good flavor. Pkt., 5c.; oz., 30c.; ¼ lb., 75c.; lb., \$3.00.

Picture Rock.—Very early, of medium size, bright scarlet, very solid and a good keeper. Pkt., 5c.; oz., 25c.

Mansfield Tree.—Enormously productive; good table quality. Pkt., 10c.

ACME. Selected Stock.

One of the most popular kinds on our list, very generally satisfactory. A favorite in the Chicago market; large, round, smooth, slight purple tint; early and a great bearer; *one of the best*. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Turner's Hybrid or Mikado.—Remarkable for its great size and the solidity of fruit. The Tomatoes *average 12 to 18 ounces, the entirely free from green core*, and are extremely solid; color bright red, skin smooth and thin, but very tough. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.40.

Advance.—An *extra early*, has ripened in ninety days; of medium size, round and solid, no green core, skin smooth, bright red. Pkt., 5c.; oz., 30c.

Golden Queen. Rich deep yellow. Pkt., 5c.; oz., 25c.

Red Currant.—This is grown more as an ornamental plant than for table use. The fruit which is very small, round and bright scarlet color, resembles currants, and is produced in long clusters of from 12 to 15. Pkt., 10c.

Ponderosa. (HENDERSON'S No. 400).—We grew this on our grounds at Western Springs and found it *large and solid*, but with some percentage of misshapen fruits and a tendency to show some green about the stem end when ripening. It is the *largest variety* we know of. The seed we offer has been grown by us from original packets. Pkt., 10c.; 3 for 20c.; ¼ oz., 25c.

Cardinal.—Flesh deep red with no green core, firm and solid, it is round, smooth and handsome and ripens uniformly. Pkt., 5c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.25.

Perfection.—The *largest early sort*; color blood red, skin very fair, and is very productive. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Paragon. (LIVINGSTON'S).—One of the *largest round Tomatoes in cultivation*. Medium early; fine fleshed, ripens very evenly, color less purple than Acme. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Optimus.—One of the *best for market and canning*. Fruit medium size, oval, very smooth, of a rich crimson color, and very free from rot. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Potato Leaf.—This is a mammoth variety, like Mikado, but much smoother and as good in other ways. Pkt., 5c.; oz., 25c.

Trophy.—Good for home use, has long been a favorite. Pkt., 5c.; oz., 25c.

Lorillard or Forcing Tomato.—Of good size, color vermilion scarlet, smooth and clean. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Favorite. (LIVINGSTON'S).—Very fine, large, early sort, in shape like Paragon and smoother, darker red than Perfection. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.

Ground Cherry or Husk Tomato.—This is much liked by many for preserves and for eating from the hand. The seed we offer is from the *TRUE* yellow Ground Cherry; very prolific. Besides its use for preserves, it makes fine pies, and is very fine dried in sugar. Pkt., 5c.; oz., 30c.

Pear Shaped, Red Cherry, Yellow Plum. Each Pkt., 5c.
Hathaway's Excelsior.—Apple-shaped. Pkt., 5c.; oz., 20c.



THE COMBINATION WEEDER.

Combining as it does, both the rake and hoe, it is the most serviceable, durable and the most perfect weeder on the market. Price by mail, 30c.



* TURNIP. *

Extra Early Red Top Milan.—The earliest in cultivation, two weeks earlier than Purple Top Strap Leaf. The bulb is flat, of medium size, quite smooth with a purple top. Flesh white, hard and of finest quality; it is an extra good keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

Early Purple Top Munich.—The earliest variety after the Red Top Milan. Good quality and shape. Color white, with purplish-white top; very productive. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

Early Red, or Purple-Top Strap-Leaved.—A general favorite with all, and more largely grown than any other Turnip; will do well to sow either broadcast or in drills, and will form good sized bulbs in seven or eight weeks. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c.

White Egg Turnip.—A quick grower; a grand good keeper; excellent either as an early or late variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Golden Ball, or Orange Jelly Turnip.—One of the most delicate and sweetest yellow fleshed turnips. Not of large size, but firm, hard and most excellent flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

Sweet German.—A well-known white, sweet variety; excellent keeper; sow early in June. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Long Cownhorn.—Carrot-shaped sort; very rapid grower, of delicate flavor; excellent for table use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Yellow Aberdeen.—Globe shape. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

Purple Top Globe. An improved variety of Red Top Flat Strap. As early, but globular in shape; keeps well and is desirable for table or stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Jersey Lily.—White, round, extra early and of good flavor. Has single tap root and small top. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Small Berlin, or Teltan.—Pkt., 5c.; oz., 15c.

Pomeranian White Globe.—A medium early, productive, hardy; good for stock feeding. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 45c.

Early White Flat Dutch Turnip.—A very popular sort for either table use or for market; grows quickly, comes early; clear white skin, and flesh of juicy, mild flavor and excellent quality; produces bulbs entirely free from small roots. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.



* Vaughan's Improved. *

From selected stock of a purple-topped variety of the largest size, best shape with small neck and smooth skin, one of the best croppers and keeps well. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 45c., postpaid. By express, 5 lbs., \$1.60.

Hurst's Monarch Swede.—For *earliness, quality and weight* it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, whilst the large percentage of saccharine matter contained in the root makes it very palatable and nutritious to stock fed on it. "Monarch Swede" is of handsome shape and distinct appearance. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Laing's Swede.—One of the earliest; good quality, fine for table use, a good keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

Carter's Imperial Swede.—Yellow fleshed, purple-topped variety, growing to large size; for table or stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 45c.

Skirving's Rutabaga.—Enormously productive. Flesh yellow, solid and sweet. One of the best for field culture. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

White Swede.—Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

* Pedigree Tobacco Seed. *

Carefully grown, from crown shoots only; of best vitality. Prices include postage. Prices on all varieties: Pkt., 5c., oz., 10c., ¼ lb., 60c., lb., \$2.00.

Primus.—Yields big crops of extra fine quality.

Harby, New.—A Turkish variety which stands heat and drought.

Brazilian-American.—The finest Brazilian strain acclimated.

Big Havana.—A Hybrid Havana or Cuban seed-leaf.

General Grant.—One of the finest; earliest and most popular for cigars.

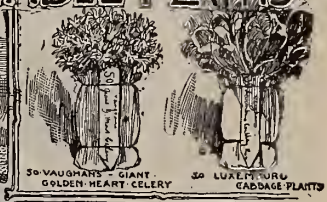
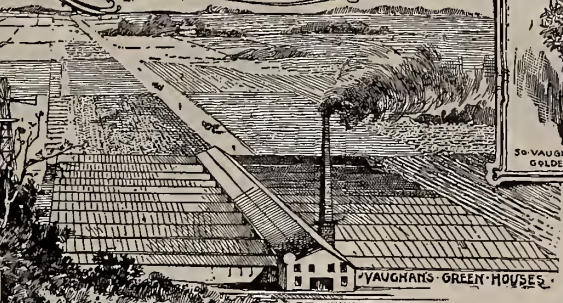
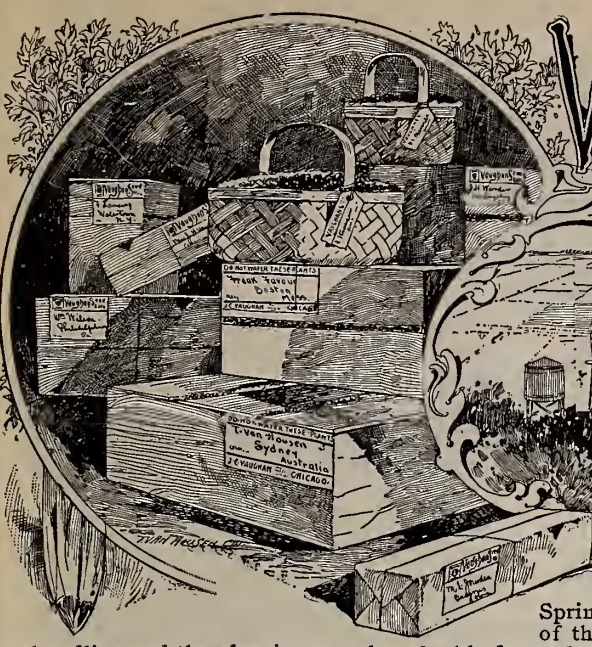
Big Oronoko.—An old variety and a good one.

Connecticut Seed Leaf.

Hockanum and Mammoth.

Cabanu.—A Spanish variety of superior quality.

VAUGHAN'S TRANSPLANTED AND FIELD GROWN VEGETABLE PLANTS



Having again enlarged our Greenhouses, Cold Frames and Hot Beds at Western Springs, we are in better position than ever to supply more of these plants, strictly of our own growing, without rehandling and thus leaving our place freshly dug and packed for shipment any distance.

THRIFTY PLANTS THOROUGHLY HARDENED. TRUE TO NAME. WELL PACKED. SUITABLE FOR LONG DISTANCE SHIPPING.

ALL of these advantages are secured to buyers who patronize this department of our business. This branch with us has now attained such a magnitude, that to grow, pack and ship the large product numbering fully one and a half millions of vegetable plants of all kinds, requires a separate division, directed by an efficient superintendent of long experience in this line, which should be a guarantee of well grown stock, skillful packing and promptitude of shipment.

These invaluable features, gained only by long practice in the commercial handling of plants, aside from the mere growing, we are confident will be appreciated by patrons who desire orders filled without delay with high class plants, grown from the best strains of seeds procurable and which can be depended upon for purity and general excellence.

Planters who buy in 5,000 or 10,000 lots will do well to write us for estimate, or contract in advance, such orders will receive our best attention and will have precedence over orders not already booked. Customers who cannot decide in advance will please send for **OUR SPECIAL SUMMER PRICE LIST OF CABBAGE, CELERY AND CAULIFLOWER PLANTS, READY JUNE, .**

THIS LIST IS SUBJECT TO CHANGE OWING TO DAMAGES FROM BAD WEATHER, INSECTS, ETC.

Prices do not include prepayment by mail. No orders shipped for less than \$1.00.

NOTE. Customers at distant points at places without an Express office, can have plants forwarded by mail, by adding 25c. to prices of 50; and 40c. to prices of 100, to cover postage and extra packing. It is, however, to the buyer's advantage to have them sent by Express for the reason we can furnish stronger and larger plants.

RIDGE SPRINGS, SOUTH CAROLINA.—All the plants have been received and arrived in excellent condition. Am quite pleased with the whole transaction. J. B. DUBOSE.

MOBILE, ALA.—We left selection of Celery plants last year to you and I raised as fine as I ever saw, and Cincinnati dealers wrote me it was the finest ever shipped there from the South. G. H. DUNLAP.

SANTA CRUZ, CALIFORNIA.—Received plant order a few days ago, plants all fresh and nice. MRS. F. COATES.

LATHAM, ILL.—The plants I purchased from you were excellent. I raised Cauliflower which measured 15 and 16 inches across. MRS. W. F. HENN.

DETROIT, MINN.—The Giant Golden Heart Celery that I raised was the finest Celery I ever saw. GEO. C. MOORE.

	Per	Per	Per
	50	100	1000
CABBAGE, Early. —READY APRIL 5TH.			
Extra Early Wakefield.....	\$ 40	\$ 75	\$ 4.50
Early Summer.....	40	75	4.50
All Seasons.....	40	75	4.50
Vandergaw.....	40	75	4.50
Extra Early Red Erfurt.....	40	75	4.50
CABBAGE, Late. —READY JUNE 1ST.			
Fottler's Brunswick.....	20	30	2.00
Premium Flat Dutch. 5000 for \$9.00.....	20	30	2.00
Luxemburg.....	25	30	2.50
Improved American Savoy.....	25	30	2.50
Red Drumhead.....	30	50	
CELERY. —Note that our prices on Celery plants vary with the season, the early plants being higher in price.			
READY JUNE 1ST.			
White Plume.....	50	1 00	
Golden Self-Blanching.....	50	1 00	
New Rose.....	50	1 00	
Turnip-Rooted, Apple-shaped.....	50	1 00	
READY JUNE 20TH.			
Dwarf Golden Heart.....	35	60	3 25
Perfection Heartwell.....	35	60	3 25
White Plume.....	35	60	3 25
Giant Golden Heart.....	35	60	3 25
Golden Self-Blanching.....	35	60	3 25
New Rose.....	35	60	3 25
Turnip-Rooted.....	35	60	3 25
READY JULY 1ST.			
Dwarf Golden Heart.....	25	50	2 50
Giant Golden Heart.....	25	50	2 50
Perfection Heartwell.....	25	50	2 50
New Giant Pascal.....	25	50	2 50
White Plume.....	25	50	2 50
New Rose.....	25	50	2 50
Golden Self-Blanching.....	25	40	2 50
5,000 lots at \$2.00; 25,000 lots at \$1.75 per 1000.			
CAULIFLOWER, Early. —READY APRIL 5TH.			
Snowball.....	75	1 25	7 50
Extra Early Erfurt.....	75	1 25	7 50

	Per	Per	Per
	50	100	1000
CAULIFLOWER, Second Early.			
—READY MAY 1ST.			
Snowball.....	40	85	5 50
Extra Early Erfurt.....	40	85	5 50
CAULIFLOWER, Late. —Ready June 15th.			
Autumn Giant.....	30	50	4 00
Lenormand's.....	30	50	4 00
SWEET POTATO. —Ready May 15th.			
Extra Early Carolina.....	25	35	2 50
Yellow Nansemond.....	25	35	2 50
Red Jersey.....	25	35	2 50
TOMATO. —Ready May 15th.			
Per 1000 plants, any variety \$3.00.	Doz.	Per	Per
Acme.....	20	60	1 10
The New Stone.....	20	60	1 10
Ignotum.....	20	60	1 10
Dwarf Champion.....	20	60	1 10
Favorite.....	20	60	1 10
Beauty.....	20	60	1 10

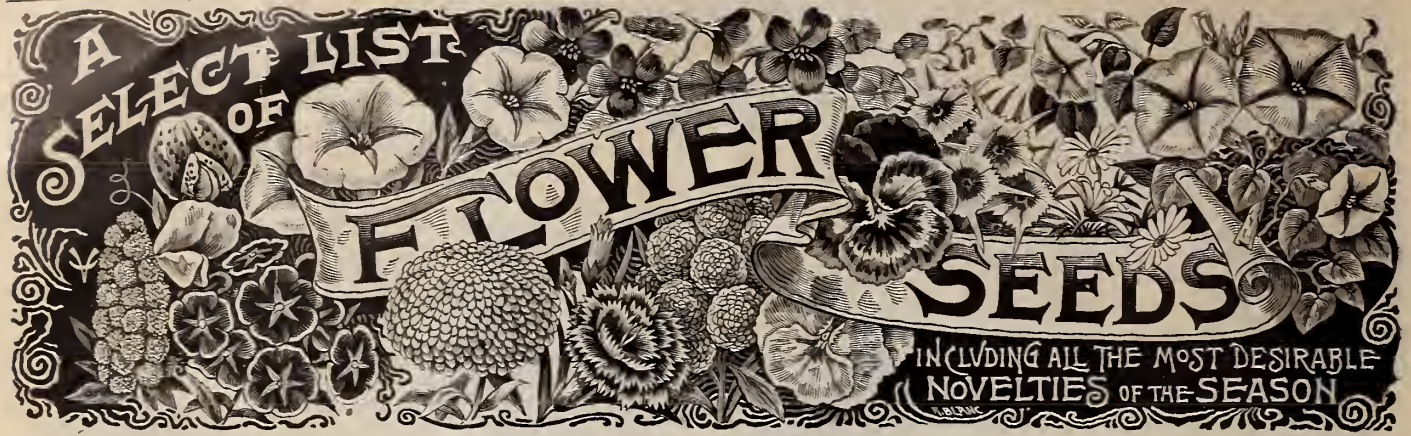
Tomato Plants in Flat Boxes.

We grow especially for our retail trade in small wooden flat boxes, divided by partitions into six spaces, 4 varieties, Acme, Ignotum, Dwarf Champion and Beauty. These plants so grown will produce the earliest Tomatoes as each plant can be transplanted, with soil attached, from the box into the ground. Our customers who require small lots much prefer these plants. Price per box of 6 extra strong plants, 30c.; per doz., 50c. These cannot be sent by mail.

EGG PLANT. —Ready May 15th.			
New York Improved Purple.....	25	85	1 50
PEPPER. —Ready May 10th.			
Bell or Bull Nose.....	20	60	1 00
Sweet Mountain, extra.....	20	60	1 00
Ruby King.....	20	60	1 00
Cayenne.....	20	60	1 00

HORSE RADISH SETS.—Per 100, 75c.; 500 for \$3.00. If by mail add 20c. per 100 for postage.
HOP ROOTS.—Plant very early. Per doz., 40c. If by mail add 5c. per doz. for postage.
CHIVES.—Good clumps, by express, each 10c.; doz., \$1.00; by mail 10c. each extra.
RHUBARB ROOTS.—Seedlings, each, 10c.; doz., \$1.00, postpaid. Clumps, each 15c.; doz. \$1.25 by express.

We will make special quotations to Market Gardeners and Public Institutions who use seeds and plants in large quantities.



IN the following list we describe, arranged alphabetically, all the Flower Seeds which we carry in stock; of novelties, specialties and standard sorts. The descriptions are accurate and *the quality the very best*. In listing and advertising *novelties*, we follow the same conservative system as will be noticed in our Vegetable Seed List, by not offering every novelty that is sent out, but only those that we are convinced are of real merit and beauty and worthy of a place in our list. The greater portion of the *novelties* introduced annually is of very little value, they often being old sorts under a new name, or of mere botanical value, or not adapted to our climate and the taste of the American public; and while our list may not prove the *most extensive*, it will be found that *all the varieties it embraces are worthy of general culture* and we urgently request a trial order of those who have not sown our seeds, and we are convinced that they will become regular customers.

DISCOUNTS ON PACKETS. CUSTOMERS ARE ALLOWED TO SELECT FLOWER SEEDS IN PACKETS TO THE VALUE OF \$1.25 FOR EACH DOLLAR SENT US.

This discount applies *only* to seeds in packets, buyer's selection, and does not apply to collections or to seeds by weight. ORDER BY THE NUMBER GIVEN AT THE LEFT OF EACH KIND.



ANTIRRHINUM OR SNAPDRAGON.

ANTIRRHINUM.—SNAPDRAGON.

An old garden favorite with oddly shaped flowers, with pretty spotted throats; deliciously fragrant; one of the most showy and useful border plants. These are of easiest culture, thrive in every soil and the tall sorts yield an abundance of fine cut-flowers, while the dwarf sorts make the prettiest edgings.

- 55 A. Tall Sorts in splendid mixture..... 5
- 56 — Dwarf Sorts, finest mixture..... 5
- 62 ABOBRA Viridiflora.—A rapid growing climber; oval scarlet fruit, 10 feet. H. H. P. 5
- 63 ABRONIA.—A trailing plant, bearing clusters of Verbena like, sweet-scented rosy lilac flowers; effective in beds, rock work and hanging baskets
- 64 ABUTILON.—Also called Flowering Maple or Chinese Bell Flower. Will bloom the first season from seed if sown early. 2 to 6 feet.
- 64 A. Snowball—Pure white..... 15
- 65 — Fireball.—Brilliant scarlet flowers and of compact habit; a very handsome pot plant..... 15
- 66 — Many Sorts.—Extra fine mixed..... 10
- 67 ACANTHUS Latifolius.—Suited for lawn decoration or in shrubbery. H. P. 5
- 68 ACONITUM.—MONK'S HOOD. Blue and white; 2 feet. H. P. 5
- 69 AGERATUM Mexicanum.—Blue..... 5
- 70 — Mexicanum Album.—Creamy white 5
- 71 — Imperial Dwarf Blue.—6 inches..... 5
- 72 — Imperial Dwarf White..... 5



NEW WHITE SPURRED COLUMBINE.

NEW WHITE SPURRED COLUMBINE.

(AQUILEGIA GRANDIFLORA ALBA.)

- 73 The Chrysantha Varieties of Aquilegia are well known and esteemed as belonging to the finest and most graceful hardy perennials. This new, large-flowering, pure white variety with its fine, long spurs, is perfectly hardy and a beautiful plant for pots, and, if planted in groups they present a perfect sea of white flowers..... 10
 - 74 ALONSOA Grandiflora, MASK FLOWER. Flowers, bright scarlet. H. A. 5
 - 75 AMARYLLIS Hybrida..... 15
 - 76 AMMOBIUM Alatum Grandiflorum.—A favorite everlasting, with white flowers. 2½ feet. H. A. 5
 - 77 AMPELOPSIS VEITCHI.—JAPANESE IVY. Perfectly hardy. H. P. 10
- For prices on plants of this see page of "Hardy Climbers."



ALYSSUM, LITTLE GEM.

ALYSSUM.

- 78 A. White.—Very sweet, per oz., 30c..... 5
- 79 — Benthami Compactum —Of dwarf, robust growth; 6 inches..... 5
- 80 Golden Saxtile.—Flowers golden yellow... 5
- 81 Little Gem.—Of very compact growth, only 3 to 4 inches high, but a single plant will cover a space up to three feet in circumference. It grows quick from seed and the plants will bloom when quite young. The abundance of flowers is simply enormous. 300 flowers have been counted on a plant. 10
- 82 AMARANTHUS Caudatus. (Love Lies Bleeding.)—2 feet..... 5
- 83 — Henderi.—Leaves intense rosy carmine. Very choice; 3 feet..... 10
- 84 — Tricolor. (Joseph's Coat.) Scarlet, green and yellow; 2½ feet..... 5
- 85 — Splendens.—The finest of its class with leaves of most brilliant colors; very showy and distinct..... 10
- 86 — Fine Mixture of many varieties..... 5
- 87 AQUILEGIA Double Varieties..... 5
- 88 — Single Varieties.—All colors mixed. 5
- 89 — Chrysantha.—Golden yellow flowers; pretty for bouquets..... 10



Cardinal.

Vaughan's
Seed Store
CHICAGO,
NEW YORK.

Bugnot.

Fancy Mottled.

Giant Blue.

Fancy German.

Vaughan's
Seed Store
CHICAGO,
NEW YORK.

Giant Black.

Giant Beaconfield.

Vaughan's
Seed Store
CHICAGO,
NEW YORK.

Yellow Prince.

Giant Striped.

Brown & Gold.

Tripartite White.

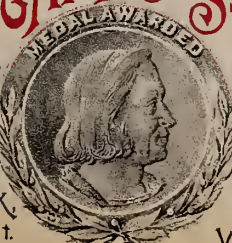
Giant Cassiope.

ONE FULL-SIZED PACKAGE EACH OF ABOVE 12 SORTS FOR \$1.00. YOUR CHOICE OF ANY 6 FOR 50¢.

VAUGHAN'S SEED STORE

We were awarded **THE ONLY MEDAL FOR PANSIES IN MIXTURE** at the W.C. Exp. **FOR VAUGHAN'S INTERNATIONAL PANSIES.**

CHICAGO
88 State St.
146-148
Washington St.
NEW YORK
26 Borelay St.



Every visitor at the World's Fair has seen and admired the millions of Pansies which added their modest beauty to the grandeur of the scene. The rich beds which encircled the Horticultural Building and adorned the adjacent ground formed a competitive display, in which the foremost Pansy Growers of the world participated in friendly rivalry. Such a collection has never before been brought together, and when the Board of Judges in Floriculture awarded to Vaughan's International the only medal for display of mixed Pansies, we were pleased that interested observers conceded to us a fairly earned triumph. Many Pansy specialists have expressed their wonder at the rich colorings, markings and enormous size of the flowers in our World's Fair display. The International Mixture is made up by us in the most careful and painstaking manner, from the very choicest strains of American and many European growers. It embraces besides the 12 varieties shown on this plate, at least 20 more colors and shades; it cannot fail to please the most critical. Our packets contain 250 fresh seeds and we supply full cultural directions with each.

VAUGHAN'S INTERNATIONAL PANSY MIXTURE, per packet 25¢; 5 pkts. for \$1.00.

GIANT PANSIES.

When these enormous Pansies were first introduced, they comprised only a limited number of varieties and colors, the blue and yellow shades predominating; and the flowers, while large, left much to be desired in shape and substance. The careful selections of the last few years have produced wonderful improvements in these Giant Pansies; we can now furnish nearly all the self colors of the older sorts, as well as the most pleasing color combinations, markings, stripes and blotchings of the Giant Bugnot and Cassier strains, all measuring from three to four inches in diameter. Our seed is furnished by the most renowned Pansy specialists of Europe, and can be depended upon to produce satisfactory results. *Only World's Fair Medal for Mixed Pansies.*

Price, any of the following varieties, except where noted, pkt., 10c.; 3 for 25c.; 6 for 50c.

1011 **Giant Cassier.**—A French strain; marked with large heavy blotches.

1012 **Giant Trimardeau.**—Mixture of a large variety of Giant Pansies. Pkt., 5c.; 1/2 oz., 50c.

1013 **Giant Trimardeau Improved.**—A greatly improved strain, flowers of immense size and larger variety of colors than are generally offered under that name.

1014 **Giant White.**—Has a violet center.
1015 **Giant Beaconsfield.**—This variety (called by the French "Half Mourning") is always a favorite on account of the rich combination of purple and lavender.

1016 **Giant Yellow.**—A beautiful clear yellow, heavily blotched on the three lower petals.

1017 **Giant Purple.**—Immense deep purple.

1018 **Giant Emperor William.**—Color splendid ultra marine blue, with purple-violet eye.

1019 **Giant Auricula Colors.**—Flowers of especially good substance and beautiful shadings.

1020 **Giant Coal Black.**—Immense size.

1021 **GIANT STRIPED.**—Of enormous size; each petal distinctly rayed. Superb. See picture at left below. Pkt., 15c.; 3 for 30c.

1022 **Giant Copper Color.**—Pkt., 15c.

1023 **GIANT BUGNOT.**—This is the finest strain of Pansies in existence. Its flowers are of enormous size and the most circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings are wonderfully rich, and comprise tints of red, bronze and reddish brown that are not to be found in any other mixture. Pkt., 15c.

1024 **Giant Pansy Mixture.**—This mixture comprises all the above strains and varieties in most satisfactory proportion of colors. Per pkt., 10c.; 3 for 25c.; 1/2 oz., 75c.

ALGIERS, IND., Oct. 3, '93.—The Giant Pansies I got of you are Giants indeed. It would be impossible for me to try to describe them. The nearest to a description I can give, is I took the colored plate in the catalogue out to the Pansy Bed and they were just like the flowers on the plate.
MRS. DORA BEARD.

SEATTLE, WASH., Nov. 4, '93.—Your Pansies are bearing still and many of the lovely maroon colored flowers are an inch in diameter. Pansies flower here continuously for six months if tended.
A. L. PARKER.

CONNERSVILLE, IND., Oct. 3, '93.—The Pansies are "most splendid" with their beautiful bright colors. Also the Sweet Peas are magnificent. J. MCKELLIP



GIANT STRIPED.

VAUGHAN'S PREMIUM PANSIES.

While the Giant-flowered Pansies are great favorites on account of the immense size of their flowers, *Vaughan's Premium Pansies* excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain is the most celebrated all over Europe, from a specialist who has devoted his life to the improvement of these flowers; no better strain of Pansies is to be had. It is impossible to describe them as they embrace all colors and markings in charming combination.

Price, per Packet (about 125 seeds) of any of the following, 15c.; any 6 for 75c.

1040 **Cardinal Red.**—New. This shade, a rich brownish scarlet, is the brightest yet obtained. flowers large size and perfect circular form; the lower petals are marked with a dark red blotch.

1041 **Odier, or Five Blotched.**—Magnificent variety, each petal having a large blotch with clearly defined margin; colors in different varieties; large. Certain to please every lover of Pansies.

1042 **Large Spotted Yellow, blue edge.**—Distinct and beautiful.

1043 **Improved Fancy or Striped.**—Flamed or striped flowers.

1044 **Quadricolor or Pheasant's Eye.**—One of the prettiest and most peculiar; the flowers are of a reddish steel blue, red and white edge.

1045 **Dr. Faust, or King of the Blacks.**—Deep jet black, a beauty.

1046 **VELVET GEM.**—This selection produces flowers of handsome deep scarlet red and some other shades of red not yet seen in any other strain.

1047 **PEACOCK.**—A first-class novelty; the side petals are of a rich maroon, upper and lower petals royal purple shot with peacock blue, and each margined with terra cotta rose. Coloring is truly beautiful.

1057 **Velvet Brown.**—Rich shades.

1058 **Spotted on Red Ground.**

1059 **Dark Colors.**—Mixed.

1060 **Snow Queen.**—Pure White.

1069 **Vaughan's Premium Pansies in Splendid Mixture.**—Embracing all varieties in above list. Pkt., 10c.; 3 for 25c.; 1/2 oz., \$1.

1070 **Vaughan's International Pansy Mixture.** (World's Fair Medal.) See colored plate. Pkt., 25c.; 5 for \$1.00.

CHICAGO PARKS BEDDING PANSIES.

We claim that *this is the best strain for bedding purposes.* The plants are of vigorous and even growth, the flowers are large, and of good substance.

Per pkt., any of the following, 5c.; 4 for 15c.; 6 for 25c.; 13 for 50c.

1080 **Beaconsfield,** purplish violet, upper petals bluish lavender, shading to white.

1081 **Emperor William,** ultra-marine blue.

1082 **Fire Dragon,** fiery orange, dark eye, margined yellow; very showy and attractive.

1083 **Prince Bismarck,** bronze and light brown, marbled. Always much admired.

1084 **Baron Rothschild,** dark brown blotches.

1090 **Golden Gem,** clear golden yellow, without black center; very bright and showy.

1091 **Odier,** flowers large, five spotted.

1092 **Coppery Scarlet,** very bright.

1093 **Pheasant's Eye,** rainbow colors.

1094 **Silver Edge,** dark, distinct light edge.

1095 **Azure Blue,** 1096 **Light Blue.**

1097 **Dark Blue,** large.

1098 **Dr. Faust,** Coal black.

1099 **Striped or Fancy,** an extra fine strain.

1100 **Black with Gold Bronze.**

1101 **Pure Yellow,** especially showy.

1102 **White,** with dark center.

103 **Gold Margined,** one of the most distinct

1104 **Havana Brown.**

1105 **Mahogany Colors.**

1106 **Snow Queen,** white, a beautiful bedder.

1107 **ENGLISH "Face Pansy."**—Each flower shows a distinct face; they are of a fine bright blue color, blotched with very deep blue.

1108 **PANSIES.**—Many shades and colors in good mixture. Large pkt., 5c.; 1/2 oz., 25c.

1109 **Chicago Parks Bedding Pansies**—Mixed, all the above. Pkt., 5c.; 4 for 15c.; 1/2 oz., 40c.; oz., \$2 00

VAUGHAN'S SUPERB ASTERS.



DWARF QUEEN ASTER.

THIS is not only one of the most popular, but one of the most effective garden favorites, and there is no flower which combines so much beauty and variety of habit and shape with such brilliancy and richness of color as this. It has no equal among the annuals. It is splendid for bedding, bordering or pot culture. Give it rich soil and plenty of water for best results.

THE SEED WE OFFER HAS BEEN SAVED FROM THE VERY BEST DOUBLE FLOWERS ONLY. We call special attention to the many new and very fine colors we have added to our list.

106 EXCELSIOR MIXTURE OF TALL ASTERS.

This is a mixture of the most beautiful, striking and delicate colors of all tall growing Asters, selected from the cream of the Truffaut's, Victoria, Comet, Crown and other most desirable sorts. It has been specially prepared by us and is sure to satisfy the most critical lover of this beautiful flower. Per pkt., 10c.; Extra large pkt., 25c.

107 EXCELSIOR MIXTURE OF DWARF ASTERS.

Like the above, this strain is a mixture of the finest varieties, but consists of dwarf and half dwarf sorts in the choicest colors and is especially adapted for edging and ribbons and for culture in pots. Per pkt., 10c.; extra large pkt., 25c.

Dwarf Queen.—THE FINEST DWARF ASTER.

This splendid Aster makes dwarf bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers which resemble in shape and size the Victoria Aster. It is excellent for bedding and pot culture.

- 109 White Queen, pkt., 10c.
- 110 Crimson Queen, pkt., 10c.
- 111 Queen Aster, mixed colors, pkt., 10c.

112 Dwarf Pearl.—An entirely new and distinct class of Asters which is superior to most other types. The plants form handsome pyramids about 15 inches high and are literally covered with a mass of the most perfect flowers, round in shape and 3½ to 4 inches in diameter, finely and fully imbricated and borne on long stems. They are most admirably adapted for pots and borders and especially valuable for cut flowers. 112 White. 112a, Pink, each, per pkt., 25c.

113 Vaughan's Fireball.—The most brilliant Aster ever introduced, producing an abundance of beautiful shaped flowers of the brightest scarlet. It forms a neat, well-shaped bush about 10 inches in height and is literally covered with flowers, a single plant often producing from 30 to 40. Very effective if planted out in beds and borders, also valuable for pot culture. Per pkt., 10c.; extra large pkt., 25c.

114 New Triumph.—This is one of the most beautiful of all dwarf Asters. Each plant forms an elegant bouquet of itself about 7 to 8 inches high. The individual flowers measure from 2½ to 3 inches across and are of the most faultless Paony form. The color is peculiarly rich and brilliant being of a pure scarlet. It produces its flowers in great abundance, each plant bearing at least 30 to 40 handsome flowers. Per pkt., 10c.

115 Comet or Poodle.—A handsome, new and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink bordered with white, bright pink, light blue white borders and other colors mixed. Pkt., 10c.

HUDSON, MICH.,—The Asters received from you were, fine, some rivaling the best Chrysanthemums in size and beauty. Mrs. G. J. THOMPSON.



COMET ASTER.

116 Vaughan's Beauty.—A splendid Aster, resembling Victoria Aster in shape and size of flowers and growing about 2 ft. high. The color is the brightest red imaginable with a satiny gloss. One of the very best for cutflowers. Per pkt., 10c.

New Snowball or Princess Aster.
117 A most distinct and handsome new sort equally valuable for pot culture and cut flowers. It is a sport of that best of all white Asters the "Mignon," which it resembles in habit and size. It is a most profuse bloomer, a single plant often producing as many as 30 pure white flowers, resembling in appearance those of the Liliput Dahlias. In form they are semi-spherical and composed of quite short and very thickly-set imbricated petals. We consider it one of the best novelties of the season. Per pkt., 15c.; 2 for 25c.

New Jewel or Ball Aster.—This is really not a new Aster, we have listed the "Crimson Ball" for several years, but even if not a novelty it certainly merits special attention. It belongs to the Truffaut's Perfection type, the flowers are large and are borne on long stems and form a perfect ball while the shade is a most intense and glowing crimson. A new shade has been raised this year which is of the brightest pink, making a suitable companion to the former color. **118 Crimson Ball**, per pkt., 10c. **119 Pink Ball**, per pkt., 10c.; one each of the two for 15c. (See cut on next page.)

Vaughan's Improved Victoria.

Undoubtedly the most handsome Aster in cultivation, of which we have an excellent strain. Flowers very large and perfectly double, of globular shape and beautifully imbricated, plants are of fine pyramid form. 1¼ ft. high.

- 125 Pure White.
- 126 Crimson and White.
- 127 White Tinted Pink.
- 128 Appleblossom.
- 129 Light Blue.
- 130 Crimson.
- 131 Dark Blue.
- 132 Rose.
- 133 White turning to Azure Blue.
- 134 Bright Rose tinged White.
- 135 Light Blue and White.
- 136 Indigo Blue on White Ground, most charming color.
- 137 Many Colors, finest mixed.

Each of the above per pkt., 10c.; 3 for 25c.
138 Imp'd Collection, 12 distinct colors, 75c.
139 " " 6 " " 40c.

We were awarded a Medal on our Asters at the World's Fair.



NEW SNOWBALL OR PRINCESS ASTER.



VAUGHAN'S IMPROVED VICTORIA ASTER.

BEGONIA BAUMANI,

A new, tuberous-rooted, sweet-scented sort.

274 The large flowers are of a very bright rose color and emit a very sweet and most agreeable tea rose odor. The foliage is large, fleshy and of a deep green color. As many as twenty-five flower stalks are often produced by one plant at one time, and from three to six flowers borne on each stalk, about eighteen inches above the foliage. The size, beauty and abundance of the flowers, the delightful odor and elegant habit of this plant recommend it to all lovers of a beautiful flower. Pkt., 30c.

CALENDULA, OR POT MARIGOLD.

These well known garden plants have been greatly improved of late. They bloom very freely and are of the easiest possible culture, always displaying to the full their various good qualities. They should be grown in good soil. 12 to 15 in. H. A.

275 **C. Orange King.**—The grandest of all the double Marigolds. Flowers of considerable size, much larger than any we have yet seen, and they are slightly imbricated, while those of the center are incurved like the petals of a Pæony. The color is a rich dark orange, more striking than the Prince of Orange..... Pkt., 5

276 — **Meteor.**—This magnificent variety has large and beautifully imbricated double flowers, with deep orange stripes on pale yellow ground..... 5

277 — **Prince of Orange.**—Surpasses even "Meteor" in beauty, the florets being striped with a more intense orange giving the flower this brilliant hue. A very profuse bloomer for bouquets..... 5

278 — **Suffruticosa.**—Bright yellow; single..... 5

279 — **Pongei, white.**..... 5

280 — **Officinalis fl. pl.**—Orange, double..... 5



BEGONIA BAUMANI.

CALLIOPSIS, OR COREOPSIS.

Very showy border plant, producing flowers in every shade of yellow, orange, crimson and brown; will bloom until frost. H. A.

283 **C. Golden Wave.**—Probably the most effective of all annuals, for a mass of bright golden color. Plant very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, two inches across, with small dark centers. It will grow in any situation and always be greatly admired..... Pkt., 10c

284 — **Dwarf Marbled.**—A most beautiful plant with large marbled flowers, one of the best and most showy. 15 inches..... 5

285 — **Dwarf Sorts, mixed.**..... 5

286 — **Calliopsis, all sorts and colors, mixed.**..... 5

CANTERBURY BELLS. (Campanula.)

These are perhaps the most popular of all the Campanulas, and they deserve to be so. Their colors are strong and beautiful and the great shining cups, which now have saucers also, are striking and very attractive. If the first flowers are removed a second crop will almost immediately take their place and thus their flowering season very much prolonged. Seed saved from double flowers will always produce some single flowers, no matter how careful the selection.

290 **Canterbury Bells.**—Special mixture of single and double flowering sorts in the finest and most striking sorts (see cut). Pkt., 10c.; 3 for 25c.

291 — **Double Annual Varieties.** In finest mixture..... 5

292 — **Single Varieties.** In best mixture..... 5



CALENDULA, ORANGE KING.

CANTERBURY BELLS.

293 **Cup and Saucer.**—A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly four inches in diameter, presenting the form of a saucer, hence its name. The plant is of strong growth, quite as hardy and floriferous as the old blue variety, but very elegant and handsome when in flower, the blossoms literally hiding the plant; it is highly ornamental for borders or potted for conservatory decoration. Pkt., 10c.; 3 for 20c.

CINERARIA.

A favorite greenhouse plant, with large handsome flowers, in richly diversified colors; one of the best early spring flowering plants. G. P.

294 **C. Hybrida Grandiflora.**—Choicest mixed..... 25

295 — **Fl. Pl. Double.**—Extra fine mixed..... 50

BEDDING CINERARIAS.

These Cinerarias are half-hardy perennials, with silvery foliage, used chiefly for beds and borders, for which they are well adapted.

296 **C. Candidissima.**—Silvery foliage, neat habit..... 10

297 — **Maritima.**—White, deeply cut, an old favorite..... 5

298 **CACALIA (TASSEL FLOWER).**—1½ feet. H. A. A..... 5

299 **CACTUS.**—Many varieties mixed..... 10

300 **CALAMPELIS Scaber.**—A quick growing climber, with orange tube-like flowers. H. H. P..... 10

301 **CALANDRINA Grandiflora.**—1 foot. H. A..... 5

302 **CALCEOLARIA Hybrida Grandiflora.**—These belong to the showiest of the green-house plants, but the Rugosa variety makes a very showy bedding plant. Sow in July. G. P..... 25

303 — **Rugosa (shrubby).**—Yellow, mixed. Sow in February..... 25

304 **CALLIRHOE Pedata.**..... 5

305 **CAPSICUM Little Gem.**—A very fine plant for winter decoration..... 5

ELMIRA, CAL.—Canterbury Bells are growing well but have not yet bloomed. Ten Weeks Stock and Verbenas did fine. Ivory Chrysanthemum is now in bloom and is very beautiful. Petunias have bloomed all summer and are still blooming. Carnations are the prettiest I have seen. In short, all the seeds and bulbs I got from you are first class. Balsam splendid. LULA SMITH.



CANTERBURY BELLS.

* CARNATIONS. *

315 New Margaret.—Every one loves the Carnation for its spicy fragrance and its freshness and beauty of color and form, but few were able to raise them from seed on account of the long time required before blooming. With this brilliant new variety this objection is entirely overcome, for seedlings of our *Margaret Carnation* will bloom when only three months old. The immense value of this quality of early blooming is proven by its unprecedented success during the past three years since its introduction; it is free of bloom, giving flowers of great variety of shades and markings. This year shows a marked improvement over the strains heretofore offered, continual selection of seed producing a larger percentage of double flowers as well as a perceptible improvement in color. We recommend this strain with the greatest confidence. Large pkt., 10c.; 3 for 20c.; 7 for 50c.

VAUGHAN'S COLUMBIAN CARNATION.

316 The Margaret Carnation, now so well known, was considered the acme of perfection in Carnations when first introduced a few years ago, as it produced full double flowers of perfect shape from seed in four months after sowing. The **Columbian Carnation**, which we offer for the first time this season, has been obtained by careful selection from the *Margaret*, and is far superior to it or any other Carnation seed ever offered; the flowers are of larger size, better substance, greater doubleness, and more varied markings and colorings, many having grounds and shadings of yellow, a color which is very rare in Carnations. The *Columbian Carnation* will also, like the *Margaret*, bloom when the seedlings are only about three months old, and if taken up in the fall the plants will bloom during the winter, yielding an abundance of the handsomest and most fragrant of flowers. Pkt., 15c.; 3 for 40c.

- 317 — Early Grenadin.**—For yielding a quantity of double flowers for cutting there is no Carnation that can equal it. It will live through the winter with little protection, being one of our hardest sorts. Flowers salmon-red and sweet scented..... 10
- 318 — Early White Grenadin.**—Like the above except in color..... 15
- 319 — La Favori.**—Double, rosy carmine, packet of 10 seeds..... 15
- 320 — Vienna Dwarf.**—The best garden sort, which produces a large percentage of double, very sweet-scented flowers, in the largest variety of colors and in the greatest profusion. With a light protection of straw they will stand our winter..... 10
- 321 — Hermine.**—Double, pure white, packet of 10 seeds..... 15
- 322 — Jean Sisley.**—Double, salmon yellow, packet of 10 seeds..... 15
- 323 — New Double Yellow, Countess of Paris.**—A most beautiful shade of yellow, much liked in Paris. 10 seeds..... 10
- 324 C.**—Fine double mixed; sweet scented sorts..... 10
- 325 — Extra Choice Mixed.**—Saved from a rich collection of named flowers; which will produce splendid varieties..... 25

Centaurea Cyanus or Bachelor's Button.

Very free-blooming, hardy annuals; also called Blue Bottle, Ragged Sailor, etc. This was the favorite flower of the German Emperor, Wilhelm I. 2 feet.

- 301 C. Cyanus.**—Blue "Emperor Flower"..... 5
- 302 — Bachelor's Button.**—Many colors..... 5

303 New Double Cornflower.—Cornflowers have ever been favorites with all flower lovers, and we are satisfied that this new introduction will meet with a hearty welcome. In addition to the doubleness of the flower, this strain contains a number of new shades..... 5

CENTAUREA OR DUSTY MILLER.

Valuable bedding plants, with silvery foliage, deeply cut, forming a striking contrast when grouped with other plants. H. H. P. Height, 1 foot.

- 304 C. Candidissima.**—Leaves silvery white, finely cut, the best..... 10
- 305 — Gymnocarpa.**—Very graceful, silvery gray foliage..... 5

Some of our new hybrids were produced in this way. Sow as early as possible. Pkt., 10c.; 3 for 25c.; 1/2 oz., 40c.

CANNAS, OLD TYPE.

- 308 C.** Mixture of dark-leaved sorts..... 5
- 309 —** Mixture of all kinds and sorts..... 5

CANDYTUFT.

328 C. SNOWFLAKE.—Extremely free-blooming new sort. The plants grow about seven inches high, forming a very neat round hush, covered with the finest pure white flowers. This is an excellent variety both for pot culture and bedding outside. A continuous bloom may be had throughout the summer by repeated sowings at intervals of about two weeks..... 5

329 — NEW EMPRESS.—One of the finest varieties in cultivation. It is intermediate in height between the old rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers resembles a floral candelabra. Do not sow too thickly..... 10

330 White Rocket (CORONARIA)—1 foot. The standard sort. Oz., 25c..... 5

331 — Dwarf (Tom Thumb).—For edging and ribbon beds. 6 inches..... 5

332 Umbellata Lilacina.—Purple lilac. 1 foot..... 5

333 — New Carmine.—Dwarf plants, with vivid carmine flowers..... 5

334 Crimson.—Beautiful color. 1 foot..... 5

335 — Mixed.—Annual varieties..... 5

336 — Sempervirens.—Perennial..... 5

PLAINFIELD, N. J. — Your International Pansy Seed, which I bought last spring, gave the hardest plants I have ever seen. We still have some in blossom in the open ground. A. B. KOENIG.

NASHVILLE, TENN. — The flower seeds received from you all germinated and grew immediately after planting. My Pansy Bed was a sheet of bloom of all colors and I never saw finer or more beautiful Sweet Peas in my life. F. WILKIN.



NEW MARGARET CARNATION.

NEW FRENCH CANNAS or Gladiolus Flowered.

SEE COLORED PLATE.

307 This new and entirely distinct class of Cannas is of dwarf, compact habit, producing flowers similar in shape to those of the *Gladiolus*, but exceeding them in brilliancy, markings and variety of colors, which include all shades from light lemon and the deepest orange and red to cherry and the deepest magenta, many being beautifully marked, mottled and flamed. They are equally valuable for groups, solitary plants and for house decorations. If the seed, which should be previously soaked for twelve hours in warm water, be sown early in a pot and transplanted into not too rich soil, the plants will bloom the same year, from July or August until cut down by severe frost. Our mixture of Canna seed is made up from seed obtained direct from M. Crozy and other noted foreign specialists, as well as seed of our own raising; it may be depended upon to produce many varieties as choice as those illustrated and described on the pages of this catalogue, and, perhaps, some entirely distinct new hybrids, as all the grand new Cannas, such as *Madame Crozy*, *Star of '91* and *Florence Vaughan* were produced in this way. Sow as early as possible. Pkt., 10c.; 3 for 25c.; 1/2 oz., 40c.



GLADIOLUS FLOWERED CANNA.



EMPRESS CANDYTUFT.



TYPES OF VAUGHAN'S ANNUAL CHRYSANTHEMUMS.

Annual Chrysanthemums.

No annual furnishes so many cut flowers as these, which bloom plentifully throughout the summer and until frost.

- 337 Double White, 2 feet.....5 | 337a Double Golden Yellow, 2 feet.....5
 337b Double Sulphur Yellow; a new color, very delicate lemon, flowers very double, very valuable for bouquets.....10
 338 **Inodorum Plenissimum**.—Furnishes snow-white double flowers in great abundance through the summer and fall; 2½ feet.....10
 339 **Eclipse**.—Golden yellow with bright purplish ring, disk brown...5
 340 **Segetum Grandiflorum**.—Flowers sulphur yellow, very large, single.....5
 341 **Lord Beaconsfield**.—Crimson, marked with gold, brown eye.... 5
 341a **The Sultan**.—Rich crimson maroon, single..... 5
 342 **Golden Feather**.—Foliage of a striking golden-yellow, flowers white, with a crimson ring near the center, single..... 10
 343 **Vaughan's Annual Chrysanthemums**.—Single and double sorts in finest mixture. Pkt., 10c; 3 for 20c.; ½ oz., 25c.

Single Perennial Varieties.

- 344 **Frutescens**, (Paris Daisy or Marguerite).—Produces an abundance of large, white, star-shaped flowers; succeeds in any garden soil. 2½ ft.....10
 344a **Etoile d'Or**.—Golden yellow. Pkt., 10c.; 3 for 20c.; ½ oz., 25c.
 344b **Chrysanthemum Maximum**. (Large ox-eye daisy).—A free-blooming hardy perennial, 2 feet high, literally covered with pure white flowers, which are well adapted for cutting, lasting over a week in water. This is really a first-class plant, well deserving a place in every garden. Pkt., 10c.

Centrosema Grandiflora.

345 A hardy perennial vine of rare beauty. It blooms early in June from seed sown in April, and bears in the greatest profusion inverted pea shaped flowers, from 1¼ to 2½ inches in diameter, and ranging in color from a rosy violet to a red-dish purple, with a broad feathered white marking through the center, while the large buds and back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants produce pure white flowers, while others are broadly margined with a white feathering. The flowers are produced in the greatest abundance, sometimes 6 to 8 in a cluster. It is well adapted for every garden purpose, and especially as a climber. Pkt., 10c.

Vaughan's American Chrysanthemum Seed.

Saved from the Very Finest Varieties Only.

346 This strain of autumn Chrysanthemums has given our customers many grand new seedlings. The seed has been saved from the finest varieties in cultivation, and cannot fail, with proper care, to give magnificent flowers in a wonderful variety of colors and forms. Directions for sowing the seed printed on every packet. **Chrysanthemum plants raised from seed bloom the first year.** Try some plants for the autumn shows. Price, pkt., 25c.; 3 for 60c. **THE BEST PANSY MIXTURE IS "VAUGHAN'S INTERNATIONAL."**

New Summer-Blooming Chrysanthemums.

(DELAUX STRAIN).

347 The "Queen of Autumn" has come to rival the rose in popularity in recent years, so beautiful have its flowers become in form, size and color, but its culture has been attended with many difficulties for the amateur, owing to its lateness of bloom. Since, however, Mr. Delaux, of Touloux, has succeeded in

developing a marvelous series of summer-blooming sorts, all this is changed. Seeds of this new race, sown in the hot bed in February or March, or even April, will give plants which, transplanted into the open ground and given only the usual care and attention, will bloom in August and September. Our seed is gathered from a collection

of all Mr. Delaux's summer blooming varieties, and will give plants one and one-half to two feet tall, compact and well branched, and very full of bloom. The flowers are entirely unlike all former early strains, and rival their sisters of the autumn in form and size, as well as superb and varied colorings, and at least ninety per cent. are double. While plants from seed will bloom in August, those from cuttings may be had in flower much earlier, practically extending the Chrysanthemum season from June until January. Pkt., 25c.; 3 for 60c.

"CANARY BIRD" VINE.

800 A rapid growing summer climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers which resemble a canary bird with expanded wings. Pkt. 5c.

MEADE, KAS. The Summer Chrysanthemums have been just as beautiful as they could possibly be all summer long, and for our climate just the thing. Were all beautiful, but especially the double ones. MRS. MARGARET HAMILTON.



NEW SUMMER-BLOOMING CHRYSANTHEMUMS.

—“☺ MORNING GLORY. ☺”—

THE most popular climbers in cultivation, of vigorous and rapid growth, attaining a height of fifteen to twenty feet, forming a dense screen covered with flowers. They are most admirably adapted to covering arbors, fences, outhouses, etc. and do well in almost any soil. Sow seed where they are to bloom.

VAUGHAN'S IMPROVED MORNING GLORY.

- 348 Everybody knows the common Morning Glory, but many of the choice varieties contained in this mixture are indeed rare. It will be found to include the renowned "Heavenly Blue" so widely advertised, a most charming steel blue without any shadings whatever but a clear cut silvery margin on each flower, marbled and striped sorts, varieties with marbled and lacinated foliage, the ivy leaved kinds—in short—the largest variety of Morning Glories ever offered in one package. Pkt., 10c.; 3 for 25c.; ½ oz., 35c.
- 349 **Morning Glory, Mixed.**—Ordinary mixture, per oz., 10c. 5
 350 — **Collection** of six distinct colors..... 20
 351 — **White.** 5 | 352 — **Crimson.** 5 | 353 — **Blue.** 5 | 354 — **Striped.** 5

CONVOLVULUS MINOR.—(DWARF MORNING GLORY.)

- Excellent annuals for beds, masses, window boxes, etc., remarkably rich in color, and very free-blooming. 1 foot. H. A.
- 355 **C. Kermesinus Violaceus.**—The flowers have a bright yellow eye, encircled with snowy white, margined with rich crimson violet 5
 356 — **Tricolor.**—Violet, purple and white in one flower..... 5
 357 — **Tricolor Roseus.**—A charming variety. The center of the rose colored flowers is surrounded with purplish violet, and changes toward the throat into golden yellow..... 5
 358 — **Many varieties Mixed.**—Per oz., 15c..... 5
 359 — **Mauritanicus.**—Fine for hanging baskets, beautiful blue flowers 5

- 360 **CLIANTHUS DAMPIERI.**—(GLORY PEA OF AUSTRALIA.) One of the most gorgeous plants in cultivation, with clusters of pea-shaped bright scarlet flowers, each flower marked with intense black spots in the center. 3 feet. H. H. shrub..... 15

—• COBÆA. •—

- A rapid growing climber, sometimes attaining the length of 30 feet in a season; it is of very easy culture and will give excellent satisfaction. The large purple bell-shaped flowers are produced in great profusion. H. H. P.
- 361 **C. Scandens.**—Purplish lilac. 5 | 362 — **Alba.**—White..... 10

—• COLEUS. •—

- Highly ornamental plants in an endless variety of colors and shadings indispensable for ribbon and carpet bedding, or as single specimens. Our seed has been saved from the finest collection in Europe comprising over 250 different varieties in the most brilliant colors and elegant, large foliage. If sown in March or April fine plants may be had at planting time, they also make handsome pot plants. Height, 1 to 2 feet.
- 363 **C. Finest Hybrids.**—In splendid mixture..... 15

—• COSMOS. •—

- This plant is of strong growth, having elegant foliage, and for fall blooming has no superior. Seed sown in April or May and transplanted to open ground will produce plants five or six feet high by Sept., and from then till November will be covered with hundreds of blossoms three inches across, resembling single Dahlias. Planted in pots and brought inside to flower like Chrysanthemums, they are grand. They are of various shades, from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases. It is one of the most beautiful fall flowers, and will please all.
- 367 **Improved Hybrids.**—All colors mixed. Per pkt., 5c.
 368 **Pure White "Pearl."**—Per pkt., 5c.

- 369 **COLLINSIA Bicolor.**
 —Purple and white..... 5
Columbine, see Aquilegia.

—• CYCLAMEN. •—

Valuable as a winter and spring bloomer, for pot culture in parlor or conservatory. If sown early in spring under glass, with right treatment, will make flowering bulbs in one year. G. P.

370 **C. Persicum.**—Fine mixed colors..... 10

Giant Flowered or Giganteum Sorts.

These have flowers of double the size of the old types, borne on long, stiff stems well above the beautiful marked foliage, while the colors are most beautiful and brilliant, ranging from the purest white to pink and the deepest crimson scarlet.

- 371 **C. Mont Blanc.**—Snow white, large..... 20
 372 — **White with Pink Eye.**—Very delicate..... 20
 373 — **Roseum.**—Lovely pink..... 20
 374 — **Dark Crimson.**—Deep rich color..... 20
 375 — **Atrosanguineum.**—Deep blood-red..... 20
 376 — **Giant Flowered Sorts.**—In splendid mixture..... 15
 ☺ Any 3 of above 6 sorts for 50c.

- 377 **CORAL TREE (ERYTHRINA.)**—A hardy shrub, beautiful spikes of pea-shaped blossoms..... 15
 378 **COWSLIP.**—A very free-blooming early spring flower, useful for borders, 9 inches, H. P. Mixtures of fine varieties..... 5
 379 **CUPHEA. (CIGAR PLANT.)**—Bears curious blossoms somewhat resembling a lighted cigar. Pretty for bedding purposes and for house culture; very ornamental, 1 ft. H. H. A..... 5

☺ SPECIAL OFFER: One packet each, Nos. 346, 366, and 367 for 25c.



VAUGHAN'S IMPROVED MORNING GLORY. COPYRIGHTED 1892. BY J. C. VAUGHAN.

New Golden Coreopsis. (COREOPSIS LANCEOLATA.)

365 A hardy herbaceous perennial, easy to grow, very free to bloom, and one of the finest of yellow flowers. A most beautiful plant which will last in its golden glory throughout the whole summer and fall. Pkt., 10c.

—• CLITORIA. •—

366 **Clitoria Ternatea** is one of the most beautiful climbing annuals with flowers somewhat resembling those of the Sweet Peas in shape, but of that rich and peculiar blue which we find amongst some perennial Delphiniums and is quite unsurpassed by any other climber. The flowers have a light blotch in the center which serves to still further intensify the richness of their coloring. It can be grown in pots and in the garden, but is not a very strong growing climber; good soil and an occasional application of liquid manure is essential to produce a succession of bloom. Per pkt., 10c.; 3 for 25c.



COBÆA SCANDENS.



NEW HYBRID COLEUS.

CELOSIA OR COXCOMB.

President Thiers.

388 This is one of the most dwarf of all Coxcombs and bears largest crimson combs. It has been grown in our public parks between or alongside of rows of Golden Feverfew and Centaurea Candidissima and when so planted made one of the most brilliant strips of border bedding ever seen, its heavy compact heads making a solid mass of crimson, contrasting against the foliage of other plants. Pkt., 10c.; 3 for 25c.

FEATHERED VARIETIES IN FINEST MIXTURES.

389 The feathered varieties of the Celosia family rank amongst the most decorative annuals and are equally effective if planted in groups or as solitary plants. The plants are of uniform size, while the feathery flower heads on numerous branches are of most brilliant and distinct colors, brilliant scarlet and golden yellow predominating.....10

- 390 C. New Giant Empress.—Very large bright crimson combs and dark bronzy foliage; beautiful variety.....10
- 391 — Tall Sorts.—Splendid mixture.....5 | 392 — Dwarf Sorts.—Mixed.....5

393 **CYCLANTHERA Explodens.**—A handsome climber, fruits explode loudly when ripe. H. A..... 5

CYPRESS VINE.

IPOMEEA QUAMOCLIT.

Very handsome climber; foliage light and graceful, fine for walls, etc.

394 C. White, Pink and Crimson. Each..... 5

395 — Many Colors.—Mixed ½ oz., 15c..... 5

DOUBLE DAISIES

(BELLIS PERENNIS FL. PL.)

Very pretty flowers, desirable for borders. Thrive well in shady places. Height, 4 inches. H. H. P.

Vaughan's Mammoth Daisies

396 On one of our annual tours of inspection in Europe, we noted in the gardens of one of the most celebrated seed growers at Erfurt some beds of Double Daisies, which immediately attracted our attention, as for size of flowers, we never saw their equals. We measured dozens of the flowers and found them to average from 1 ½ to 2 inches in diameter, besides being of the most perfect form, very double and ranging in colors from the finest snow white to pink and blood red, with the most pleasing combinations of pink and white. Owing to their doubleness they are very shy seeders. Pkt., 15c.; 2 for 25c.

NEW SNOWBALL DAISY

397 A sport of Longfellow which possesses the good qualities of its parent: long stem, free bloom and large double flowers, about 80 per cent. of which are extremely double and snowy white. Pkt., 10c.; 3 for 25c.

398 B. Longfellow.—This variety produces dark pink flowers, usually large and double, very long and stiff flower spikes, valuable for bouquets. Pkt., 10c.

399 — Double White.....10

400 — Double mixed.....10

401 Good Mixed Daisies..... 5



VAUGHAN'S MAMMOTH DAISY.



COXCOMB, PRESIDENT THIERS.

DATURA, or Trumpet Flower.

These Trumpet Flowers or Thorn Apples, form a handsome bush 3 feet high, covered with deliciously fragrant flowers, until late in the fall. They are annuals and easily grown.

- 402 D. Double White. (Hose in Hose).....10
- 403 — Many Colors Mixed..... 5

DELPHINIUM or Larkspur.

Perennial Varieties.

404 D. Formosum—Bright blue with a white center; fine for bouquets, and a splendid garden decoration; hardy. 5 feet..... 5

405 — Nudicaule.—Flowers bright orange red, borne on stems, 12 to 18 inches high.....10

Annual Varieties.

These should be sown in fall or early spring.

406 D. Double Dwarf Rocket.—Mixed..... 5

407 — Tall Rocket.—Mixed, 1 foot.....5

408 — Bismarck.—Fine mixed..... 5

409 — Emperor.—Most excellent of all the annual Larkspurs, producing an abundance of long slender flower spikes in the most delicate colors. Many colors mixed..... 5

410 Digitalis or Fox Glove.—Flowers thimble-shaped and spotted, many colors mixed, 3 ft. H. P. 5

DAHLIAS.

For Dahlia Roots, see Plant Department in this Catalogue.

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. A packet of seed will produce not less than fifteen plants which would cost if purchased as bulbs, over \$1.00. The seed we offer is saved from the choicest varieties only and if soon early will bloom profusely all summer.

411 **Best Mixture of Double Dahlias.**—A mixture of the best large flowering, Pompon and Liliput Dahlias, partly from separate colors which will possibly produce some entirely new sorts not yet introduced. Pkt., 15c.; 2 for 25c.

412 **New Dwarf Single Dahlias.**—The large flowers grow three inches and over in diameter and are of the brightest colors, white, pink, magenta, orange, yellow and deep purple, and are striped, rayed and blotched in the most charming manner. The habit of the plant is extremely graceful, forming handsome globular bushes, only about 24 inches high. Pkt., 10c.

413 **Star of Lyon.**—The flowers are of purest white, bordered with all the colors peculiar to Dahlias, from pure yellow to velvety maroon and all the shades of pink red or violet, or delicately dotted. The plants are very handsomely shaped and carry the flowers well above the foliage. Pkt., 10c.; 3 for 25c.

414 **Mixture of Single Dahlias.**—Including besides the standard sorts all the latest novelties, will furnish a Dahlia bed that will be much admired. Pkt., 5c.

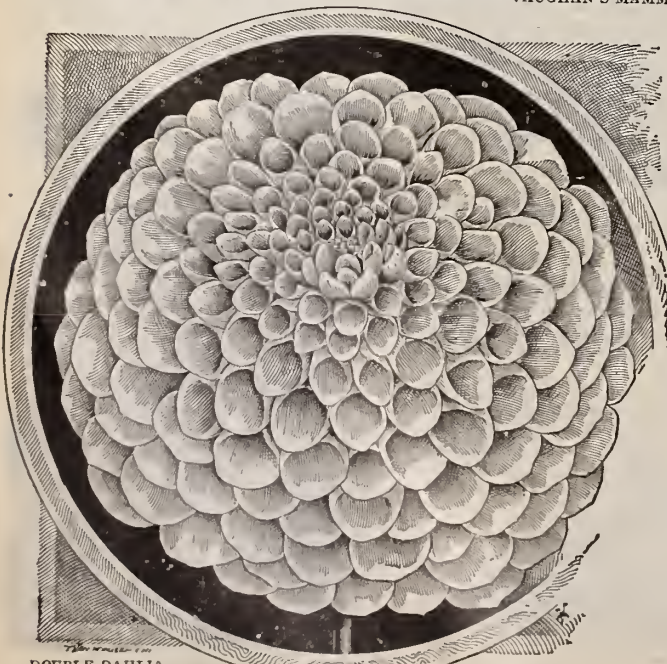
415a **Zimpani, or Miniature Black Dahlia.**—A little known variety from Mexico. The plant grows about 2 feet high and very bushy, and produces an abundance of crimson-maroon flowers of a velvety texture, 3 inches across. Pkt., 10c.

GARDENING The Leading Horticultural Paper

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The publishers of GARDENING have decided that the best advertisement of their journal is a trial of it. They have therefore made us an extraordinary offer, which enables us to send the paper on trial for three months (6 numbers) for 10 cents, to anyone whose order amounts to \$1.00 or over.

If you receive two copies of our Catalogue you can do us a favor by handing one to a friend.



DOUBLE DAHLIA.



VAUGHAN'S IMPROVED PINKS.

The Dianthus or Pink family is one of the most desirable classes of plants. Its species are very numerous, embracing some of the most popular flowers in cultivation, indispensable for bedding, bordering, etc.; valuable for cut-flowers.

New Spotted China Pinks.

415 In this we have a very valuable addition to these beautiful plants, the pure white flowers are freely spotted and splashed with a deep red, making a pleasing contrast. Pkt., 10c.; 3 for 25c.

New Double White Japan Pink.

416 This is the result of many year's patient selection. The vigorous plants grow in neat bushes about one foot high, which are covered with large, pure white, very double flowers from June until very late in the fall; flowers will last a long time after being cut and are useful for bouquets, etc. Pkt., 10c.; 3 for 25c.

Vaughan's Improved Single Japan Pinks.

417 This strain is a great improvement on that ordinarily offered, being a selection from the choicest strains in cultivation. The flowers are *extraordinarily large*, of handsome form, and embrace the most beautiful colors, ranging from white to the most delicate pink and glowing deep crimson. The plants are excellent for both beds and cut-flowers. Pkt., 10c.; 3 for 25c.

Vaughan's Improved Double Japan Pinks.

418 This is also a strain superior to any we have previously had, and includes besides the standard kinds all the best novelties of latest introduction. The flowers are very large, double, of the brightest colors, are handsomely fringed and borne on long, stiff stems, which latter fact, combined with their other good qualities, renders them one of the most useful flowers for bouquets. Pkt., 10c.; 3 for 25c.

419 STRIPED DOUBLE PINK.—This new and beautiful variety, also belonging to the Japanese class, is one of the finest of the whole family. The flowers, which are very large and double, are beautifully fringed and of the greatest variety of colors. A bed of these in the flower garden will make a grand display, and at least a package of it should be included in every order. Pkt., 10c.; 3 for 25c.

420 NEW PINK, THE BRIDE.—A new and charming variety of the well known and popular class of Japan Pinks. The handsome large flowers are pure white with a deep purplish center, surrounded by a darker ring forming a very pleasing contrast with the white ground color. Pkt., 10c.

421 D. Chinensis. (Double Chinese Pink.)—Extra Choice Mixed. 1/4 oz., 15c. 5

422 — Double White. 1 ft. 5

423 — Nanus Roseus.—Exceedingly pretty; flowers double pink 5

424 **Dianthus Imperialis.** (Double Imperial Pink.)—Mixed colors 5

425 — Double Crimson 5



HABIT OF PLANT.

- 426 **Dianthus Heddewigii.**—Large-flowered, Single Japan Pink, mixed 5
 - 427 — **Heddewigii Fl. Pl.** (Double Japan Pink.)—Splendid Mixture 5
 - 429 — **Nanus Albus Plenus.**—Dwarf double white or Snowball 5
 - 431 — **Nanus Fl. Pl.**—Mixture of dwarf sorts 5
 - 432 — "Eastern Queen."—Beautifully marbled, very striking and pretty; a valuable sort 5
 - 433 — **Mourning Cloak.**—The most striking of all Pinks. The large double, almost black flowers, have a clear fringed edge of white which is unusually distinct 10
 - 434 — "CRIMSON BELLE."—Is of a rich vivid crimson color; fringed 5
 - 435 — **Laciniatus.**—Very large, deeply fringed flowers in rich colors. A mixture of many colors and shadings 5
 - 436 — **Fl. Pl.**—Double, deeply fringed flowers. Extra choice mixed 5
 - 437 — **Plumarius.** (Pheasant's Eye Pink.)—Handsome single fringed flowers, white with dark center 5
 - 438 — **Plumarius Fl. Pleno.**—Double, large-flowering, Pheasant's Eye Pink with fringed edges of various colors, mixed hardy 10
- Double and Single Pinks.**—A mixture of all the above mentioned annual Pinks. Pkt., 5c; 1-2 oz., 25c.

ESCHOLTZIA. (CALIFORNIA POPPY.)

An exceedingly showy class of plants, bearing a profusion of richly colored flowers. Sow the seed where the plants are wanted to bloom, as they do not stand transplanting; they are perfectly hardy and will grow in every soil and bloom profusely all summer; thin to six inches.

- 447 **E. Mandarin**—Deep orange, a beautiful variety 5
- 448 — **Californica Alba Plena.**—Produces a large percentage of double white flowers of great beauty 10
- 449 — **Rose Cardinal.**—Very pretty deep carmine flowers 5
- 450 **Vaughan's Special Mixture** of California Poppies—Includes all the best varieties. Large pkt., 10c.; 3 for 25c.

- 451 **DODECATHÉON Media Elegans** (Shooting Star) 10
- 452 **DOLICHOS.** (Hyacinth Bean.)—One of the best annual climbing vines, mixed colors 5

DRACÆNA or CLUB PALM.

Beautiful palm-like plants, indispensable for decorative purposes, make splendid house plants and grow readily from seed. G. P.

- 453 **D. Indivisa Lineata.**—A very handsome sort 5
- 454 — Many sorts mixed 10
- 455 **DUTCHMAN'S PIPE** 5
- 456 **EDELWEISS**—The true and famous Edelweiss of the Alps 10
- 457 **EUPHORBIA.**—A native of the West, foliage beautifully veined, margined with white, 1 1/2 feet. H. A. 5
- 458 **EUTOCA Viscida.**—Free-flowering, for beds, borders, etc. 1 ft. H. A. 5
- 459 **EUPATORIUM Fraseri.**—valuable for fall and winter blooming 5

FEVERFEW, See Pyrethrum.
FOX GLOVE, See Digitalis.



VAUGHAN'S IMPROVED CALIFORNIA POPPY. (ESCHOLTZIA.)



HARDY PERENNIAL GAILLARDIA.

FOUR O'CLOCKS (MIRABILIS OR MARVEL OF PERU.)

Large growing shrub-like plants, with funnel-shaped flowers of many colors. Named from their curious habit of expanding in the afternoon. Height, 2 ft.
 471 M. Many varieties mixed.....per oz., 40c. 5
 472 — **New Dwarf Sorts.**—These are really fine plants, growing about 12 in. high, each forming a bush, covered with flowers. All colors mixed.... 5

FUCHSIAS.

Well known plants with beautiful flowers. G. P.
 473 F. Single Varieties.—Best mixed 15 | 474 F. Double Mixed.....25

GAILLARDIA (OR BLANKET FLOWER.)

475 **G. Perfection.**—The now well known Gaillardia Lorenziana is undoubtedly one of the most valuable annuals we have for cut-flowers. This variety is an improvement on the above sort, producing very double flowers as round as a perfect ball in the most varied and pleasing colors. The flowers are borne on long, slender stems and when cut will keep for over a week. Pkt., 5c.

Hardy Perennial Gaillardia.

476 These are undoubtedly among the choicest of Hardy Perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermillion, and very often a combination of all these colors in one flower. Many colors mixed. Pkt., 10c.

GLOXINIA.

A magnificent class of house blooming bulbous plants, with handsome bell-shaped flowers with a diversity of the richest colors. Our International Mixture contains the finest English, French and German strains, and will produce the finest flowers with spotted and blotched throats.

477 **G. International Mixture.**—The best strain in existence, embracing all the colors of largest flowers. Pkt., 25c.
 478 — **New Scarlet Defiance.**—The flowers of this beautiful sort are large, borne upright, and of an intense glowing crimson scarlet, a color not yet found among Gloxinias. They come true from seed and will certainly please every lover of this charming plant.

GERANIUM. (PELARGONIUM.)

479 Zonale.—A mixture of the finest single sorts.....25
 480 — Zonale.—A good mixture 5
 481 — Apple Scented.—True, very fragrant foliage, a great favorite.....15
 482 — Double.—A choice mixture, which will produce a large percentage of double flowers..... 25
 483 — Lady Washington.—Well known pot plant 25



GAILLARDIA PERFECTION.

FORGET-ME-NOT

OR MYOSOTIS.

Pretty little favorites with clusters of fine delicate flowers. They succeed best in a damp shady situation, but will thrive well in any garden soil, 5 inches. H. A.

- 465 Myosotis Alpestris.—Blue..... 5
- 466 — Alba.—White..... 5
- 467 — **Robusta Grandiflora,** Eliza Fanrobert.—Flowers large; sky-blue with clearly defined yellow eye..... 5
- 468 — **Victoria.**—The flowers are large and of a bright azure-blue with yellow centers. The plants form neat bushes completely covered with flowers; most valuable variety for cut-flowers and pot culture.....10
- 469 — **Dissitiflora.**—One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance, when in full flower of a sheet a of most exquisite blue; attractive and pretty. Pkt., 5c.

FREESIAS.

470 These pretty bulbous plants, with their sprays of very fragrant and pure white flowers can be raised from seed and made to bloom the first year. The beauty and delicate fragrance of these flowers will repay the care given. Pkt., 10c.



NEW DWARF FOUR O'CLOCKS.

CLIMBING GOURDS.

Useful, Ornamental and Fancy. Pkt., 5c.; any 6 for 20c.

This most curious and interesting family is but little known and we have succeeded in collecting in Europe one of the most complete lists ever offered. The forms may be wonderfully varied by tying strings around the young fruits or by enclosing the same in a carved mould while growing, thus stamping on its surface any desired figures or letters which may be carved on the mould. Start the seed in pots in the house and plant as soon as danger from frost is over, as nearly all the larger sorts require the whole season to mature properly. Give them a sunny situation and plenty of water.

- 484 Bottle Gourd.—Largest. | 484a Powderhorn.
- 485 Farinosa.—Flour Gourd.
- 486 Bryonopsis.—Scarlet with white stripe.
- 487 Grossularia.—Gooseberry Gourd.
- 488 Argyrosperma.—Large edible seed.
- 489 Dudain.—Fragrant orange fruit.
- 490 Erinaceus.—Hedgehog Gourd.
- 491 Flexuosus.—Snake cucumber.
- 492 Anguria.—Green and white, large.
- 493 Metuliferus.—Scarlet, thorny.
- 494 Tashkent.—New, very high growing species with handsome small flowers.
- 495 Pearshaped.—Green, white striped.
- 496 Hercules Club.—Large club-shaped.
- 497 Sugar Trough.—Immense size.
- 498 Turk's Turban.—Very showy, scarlet fruit.
- 499 Coccinea Indica.—Scarlet fruit.
- 500 Longissima.—Grows up to four feet long.
- 501 Enormis.—Enormously large fruit.
- 502 Depressa.—Flat Corsican, dark green.
- 503 Aurantiaca.—Orange-shaped.
- 504 Squinting Cucumber.
- 505 Sooly Qua.—Fruit 5 to 6 feet long.
- 506 Ostrich Egg.
- 507 Dish Cloth Gourd.
- 508 Many Sorts in finest mixture.



CLIMBING GOURDS.

- 509 GENTIANA Acaulis.—Beautiful blue flowers, yellow throat.....10
- 510 GEUM Coccineum Plenum.—Flowers of a bright scarlet, double and as they last well when cut, are invaluable for bouquets.....10
- 511 GILEA.—Free-blooming dwarf plants, valuable for mixed beds, rock-work, etc. H. A. Fine Mixed..... 5
- 512 GOLDEN ROD.—Fine yellow. H. P..... 10
- 513 GNAPHALIUM Leontopodium—The white star shaped Edelweiss of the alps. A favorite flower.....25
- 514 GLAUCIUM Luteum—Very showy plant, valuable for edging and massing; leaves silvery white, flowers yellow, bell-shaped, 2 feet. 5
- 515 G. Alba.—White..... 5 | 517 Aurea.—Golden yellow..... 5
- 516 — Purpurea.—Deep red..... 5 | 518 Mixed.—Many colors..... 5

HELICHRYSUM (EVERLASTING FLOWERS.)

Very popular Everlastings with globular flowers, useful for borders and beds. When used for dyeing, flowers should be picked before expanded.
 519 E. Monstrosum, Fl. Pl.—A mixture of many varieties. 2 feet..... 5
 520 — Nanum Fl. Pl.—Many dwarf sorts mixed 5

HELIOTROPE.

Deliciously fragrant plants, excellent for bedding; also for house culture. Seed sown early bring flowering plants the first summer. H. H. P.
 521 H. King of the Blacks.—Very deep.....10
 522 — Boule de Neige.—(Snowball)..... 10
 523 — Dr. Livingston.—Very fine dark sort.....10
 524 — Fine Mixture of dark flowering sorts..... 5
 525 — Light and dark shades mixed 5
 526 HESPERIS (Sweet Rocket).—Charming plants with sweet-scented flowers; useful for bouquets. Mixed colors10

GODETIAS.

Of hardy annuals none are more beautiful than these and if planted singly or in masses the effect is grand. They are of dwarf, compact habit of growth, the flowers are of handsome shape, in the most brilliant as well as delicate colors and produced in such a profusion that they completely hide the foliage. Of easy culture. H. A.

- 630 **Godetia, Duchess of Albany.**—Flowers glossy satin white, produced in great profusion, 12 inch..... 5
 - 631 — **Bijou.**—Flowers splendid, white with dark red spot; not over 6 inches high; forming carpet-like bushes of 12 inches and over in diameter, bearing 200 to 300 flowers to a plant 5
 - 632 — **Lady Albemarle.**—Flowers large, of carmine crimson shade; the edges of the petals suffused with pale lilac dwarf..... 5
 - 633 — **Lady Satin Rose.**—A most magnificent sort, unequalled for brilliancy and richness of colors. The flowers which are produced in remarkable abundance, are of a brilliant deep rosy-pink, the surface shining like satin 5
 - 634 — **The Bride.**—White; crimson center.... 5
 - 635 — **Queen of the Fairies.**—A most charming variety with large pure white flowers bordered with satin-rose beautifully spotted with carmine..... 10
- SPECIAL OFFER:** One pkt. each of above 6 varieties for 20c.
- 636 **Godetias, Many Varieties**—Extra Choice Mixed..... 5



DOUBLE SUNFLOWERS.

HELIANTHUS OR SUNFLOWER.

This class contains a number of handsome and useful varieties not generally known or cultivated. In addition to the Mammoth Russian Sunflower, which is planted for its seeds (excelling a chicken feed) we offer the following list of choice sorts which make beautiful plants for lawns, old fences, etc. The foliage of some is very decorative, while the mammoth flowers of others elicit general admiration. Of easy culture as well as showy.

- 640 **H. Californicus Fl. Pl.**—Extra large and very double flower.... 5
- 641 — **Oscar Wilde.**—Flowers single, petals very long and of a bright golden yellow while the centre of the flower is black..... 5
- 642 — **Manus Fl. Pl.**—A dwarf variety, growing about 2½ feet high, flowers very double, rich golden yellow, 5 to 7 inches in diameter..... 5
- 643 — **Globosus Fistulosus.**—Flowers immense, from 12 to 15 inches in diameter, globular and extremely double, the most effective of all annual Sunflowers (see illustration), oz. 15c..... 5
- 644 — **Silver-Leaved.** (ARGOPHYLLUS.)—The whole plant, which grows to 6 feet in height, is covered with a dense silky silver-white felt; the flowers are very numerous, single, with jet-black center..... 5
- 645 — **Miniature.**—In this variety we have a flower which is not only bright and showy, but elegant in shape, and of size convenient for wearing and for bouquets. The plants are dwarf and very bushy, free-blooming, with small fine foliage. Flowers are single, bright yellow, with a dark center and very decorative; they bloom from July until frost..... 5
- 646 — **Macrophyllus Giganteus.**—Grows from 8 to 10 feet high, each stalk producing a single flower measuring 18 inches in diameter..... 5
- 648 — **Silver King.**—A new species growing about 8 feet high; has large silvery-white leaves, large golden yellow flowers of great beauty..... 5
- 649 — **Sulphur Queen.**—Another new species growing 8 feet high, with large silvery foliage and very large, bright sulphur-yellow flowers..... 5
- 650 — **Mammoth Russian.**—As the name implies of gigantic dimensions both of flowers and stalk; seeds are used largely for chicken feed; stalks furnish excellent fuel. Per lb, 30c; oz..... 5

SUNFLOWER-CONTINUED.

- 651 **H. New Giant.**—A plant of imposing beauty and immense growth. The shoots will soon attain a height of 10 to 12 feet, and are crowned with a cluster of golden yellow flowers..... 10
- 652 — **Texas Silver Queen.**—This new and exceedingly effective sort is a sport from the H. Argophyllus. It is a native of the South where it attains a height of 10 feet, forming a stately pyramid, literally covered with flowers, which contrast strikingly with the silver grey of the foliage..... 10
- 653 — **Mixture of many Varieties,** oz., 15c..... 5
- 654 — **Collection of 6 different sorts,** one pkt. each for 20c.

DOUBLE HOLLYHOCK.

(MALVEN ODER STOCK ROSEN.)

These fine old plants will ever be an object of interest and beauty to those who admire tall and noble looking plants. Seed should be sown in June and July to have flowering plants the next summer, or if sown in house early in spring they will bloom the first year. Our seed has been saved from one of the finest collections, and will produce very double flowers, 5 to 7 feet. H. P. For Roots see Plant Dep't.

- 655 **H. Double white**..... 10
- 656 — **Pink**..... 10
- 657 — **Crimson**..... 10
- 658 — **Canary Yellow**..... 10
- 659 — **Salmon**..... 10
- 660 — **Maroon**..... 10
- 661 — **Faust, black, edged with white**..... 15
- 662 — **Fine Mixed, double**..... 5
- 663 — **Extra Choice Mixed**,—Saved from Exhibition flowers..... 10

SINGLE HOLLYHOCKS.

664 They grow up to 10 feet high and are more vigorous and robust than the choice kinds mentioned above. For natural and picturesque beauty and worth for the embellishment of our gardens and shrubberies they have much to recommend them, while they give good returns for a little trouble. Our mixture contains all colors and we would recommend a trial. Pkt., 10c.

- 665 **HONESTY (LUNARIA BIENNIS.)**—The silvery seed pouches are interesting, pretty and ornamental; flowers purple, borne in racemes..... 5
- 666 **ICE PLANT (MESEMBRYANTHEMUM.)**—Suitable for rock work, hanging baskets; foliage thick, fleshy, of a frosted wax-like appearance. H. H. A. 5

667 M. Cordifolium Variegatum, 15

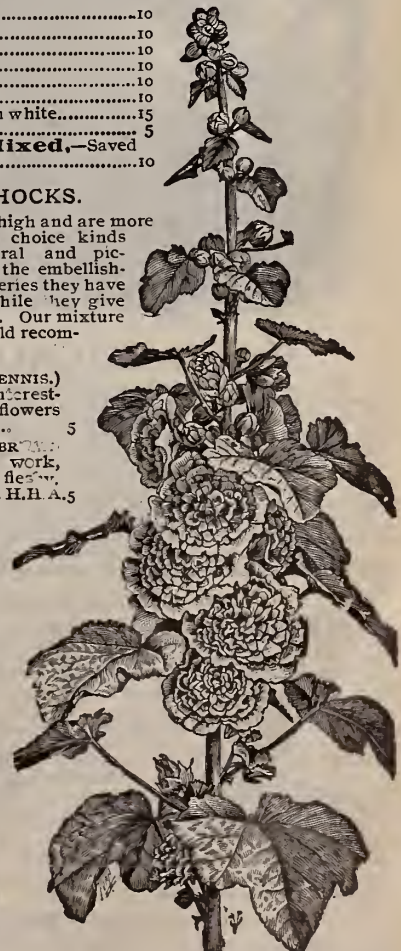
IMPATIENS SULTANI or Zanzibar Balsam.

668 A perennial Balsam from Africa. The plant is of compact growth and produces an abundance of rosy carmine flowers, it is one of the most distinct and beautiful plants for window culture. Pkt. 15c.

669 **JAPANESE HOP, (HUMULUS JAPONICUS.)**—Very hardy, withstanding heat, drought and insects remarkably; one of the most rapid growing ornamental climbers known; foliage resembles the common hop, but is denser. Invaluable for any position where a thick screen of foliage is needed, 10c.

670 **JACOBÆA Elegans Fl. Pl. (SENECIO.)**—H. A. Many colors mixed 10c.

671 **LANTANA Hybrida.**—Desirable bedding and house plants. Best mixed 5c.



DOUBLE HOLLYHOCK.



MIGNONETTE.

The exquisite fragrance of this modest little flower has secured it a place in the heart of every lover of flowers. No garden is complete without it.

- 680 M. Grandiflora.—Large flowered; oz., 15c..... 5
- 681 — Amelliflora.—Very sweet-scented; oz., 15c..... 5
- 682 — Parson's White.—Distinct, almost white..... 5
- 683 — Gabriele.—New, red flowering; very sweet, spikes very thick; one of the best.....10
- 684 — Hybrid Spiral.—Vigorous grower; spikes often attain a length of 10 inches..... 5
- 685 — Nana Compacta Multiflora.—Dwarf; flowers red, and as the plants grow, compact and quite erect; one the best for pots and borders. The flowers are red and very sweet. 5
- 686 — Golden Queen.—An entirely distinct sort of dense pyramidal habit, with golden yellow flowers, which give it a most attractive appearance..... 5
- 687 — Mixture of many varieties.—Oz., 25c..... 5

••• **Three Giant Mignonettes.** •••

688 **Machet**—This vigorous, dwarf growing variety has been for some years the florists' favorite for pot culture and cut bloom. Its stalks are very thick and stout, with an abundance of healthy dark green foliage, and its flower spikes are very broad and long, closely set with deliciously scented red flowers. Pkt., 10c.

689 **New Giant Red**.—This wonderful new Mignonette originates from the Machet and resembles it in many respects. The plant, however, grows 12 to 16 inches in height, about one third taller than the Machet, is pyramidal in form and a strong grower, enormous flower spikes are of the largest size, and the individual blossoms being of an intense red color, give the plant an entirely distinct appearance. Pkt., 10c.

690 **Giant White**.—Great difficulty has been found in establishing a strain of white Mignonette of equal vigor with the colored sorts, all strains heretofore existing having had a decided delicacy of constitution. In this new variety this peculiarity has been largely overcome, and we have for the first time a large-flowered, strong-growing white Mignonette. Its fragrance, while not as powerful as that of the colored varieties, is by many esteemed more delicate. Pkt., 10c.

Special offer: 1 Pkt. each of the above 3 Giant Mignonettes and 1 pkt. of Golden Queen for 25c.

MAURANDIA.

- A beautiful climber of rapid and slender growth, its pretty tube-shaped flowers lasting in bloom until late in fall. 10 feet. H. H. P.
- 691 M. Crimson..... 10
 - 692 — Alba.—White..... 10
 - 693 M. Rose..... 10
 - 694 — All colors.—Mixed..... 10
- Mesembryanthemum—See Ice Plant.



ELDORADO MARIGOLD.

LOBELIA.

Very dwarf plant with delicate, finely cut foliage and pretty, bright flowers; very free blooming. Of value chiefly for hanging baskets and borders H. H. P.

- 708 L. Erinus Emperor William.—Dwarf, dark blue..... 5
- 709 — Crystal Palace (Compacta).—Deep blue, dark foliage; the best bedding sort. Grows only 6 inches high.....10
- 710 — Speciosa.—Dark blue, best for hanging baskets..... 5
- 711 — Prima Donna.—Distinct novelty, flowers velvety maroon 10
- 712 — White Gem.—The best white sort for carpet bedding.....10
- 713 — ROYAL PURPLE.—In color this fine Lobelia is quite different from any other variety in commerce, it being a very rich shade of violet purple without any trace of blue, set off very prettily with a clear white eye.....10c
- 714 — Splendens.—A herbaceous Lobelia, growing 1 to 2 feet high, and bearing long, slender racemes of rather large intense scarlet flowers. It is a handsome perennial though not quite hardy.....10

- 715 LAVATERA Arborea Variegata is a biennial, growing to a height of several feet, and useful for large borders.....10
- 716 LINARIA Reticulata Aurea.—Very pretty flax-like plant, flowers deep purple, with bright golden yellow..... 5
- 717 — Cymbalaria (Kenilworth Ivy).—A pretty climber..... 5
- 718 LINUM Grandiflorum Rubrum (Flowering Flax).—Flowers bright scarlet; very pretty if planted in masses. 1 foot.....5
- 719 LUPINUS (Sun Dials).—Very desirable plants for the flower garden; long graceful spikes of rich colored flowers..... 5
- 720 LOPHOSPERMUM Scandens.—A quick-growing, graceful climber, excellent for use in hanging baskets, or for a sunny situation outside. Flowers rosy purple. H. H. A..... 5
- 721 MALVA Moschata Alba (Musk Mallow).—A handsome perennial, growing about 2 feet high; flowers pure white, about 1½ inches in diameter, pretty for bouquets..... 10
- 722 MARTYNIA Proboscidea.—A curious plant, on account of its singularly shaped seed vessels, which are much esteemed for pickles when young..... 5

MARIGOLD (TAGETES).

A showy, popular class of flowers, easy and satisfactory to cultivate.

- 723 M. Tall African.—Many varieties mixed.....5
- 724 — Eldorado.—The handsomest of the Marigolds, its colors ranging from palest yellow to deepest orange. The flowers are large, almost round and very double..... 5
- 725 — Dwarf French.—A mixture of many shades. 1 foot.....5
- 726 — Gold Striped.—Flowers of a deep rich maroon, with golden yellow stripes, dwarf and compact in growth.....5
- 727 — Aurea Fistulosa Pl.—Golden yellow, profuse bloomer.....5
- 728 — Cape, Calendula Pongei Fl. Pl.—Double white..... 5
- 729 — Officialis Fl. Pl.—Double yellow..... 5

MATRICARIA (FEVERFEW).

- 730 M. Eximia Crispa fl. pl.—Lovely little plants with double white flowers and pretty curled foliage. 3 inches.....10
- 731 — Capensis fl. pl.—Double white, fine for bouquets.....5

MIMULUS (MONKEY FLOWER.)

Succeeds best in shaded and damp situations. H. H. P.

- 740 M. Tigrinus—A showy variety with blotched flowers.....5
- 741 — Flore Pleno.—Double varieties mixed.....10
- 742 — Moschatus. (Musk Plant.)—The thin delicate leaves emit a pleasant musk odor; flowers yellow..... 5
- 743 — Compactus (Dwarf Musk Plant.).....10
- 744 — "Emperor"—Most showy and attractive..... 10
- 745 MINA LOBATA.—A tropical climber from Mexico; flowers red and orange, shading to white. T. A.....10

MOONFLOWERS (IPOMOEA).

- 746 M. White-Seeded (I. Noctiflora).—Immensely popular climber; flowers large, white and very fragrant; start early.....10
 - 747 — New Cross-Bred.—Like the above, but earlier.....10
 - 748 — Leari.—Satin blue, with crimson bars.....10
 - 749 — Bona Nox (Evening Glory).—Violet.....10
 - 750 — Rubro Coeruleo.—Large sky-blue flowers.....10
 - 751 — Flore Albo.—Magnificent white flowers.....10
 - 752 — Horsfalliæ.—A showy and handsome climber from the Indies, with deep, rich, glossy rose-colored flowers.....15
- For Moonflower plants, see our Plant Department.



VAUGHAN'S NASTURTIIUMS

New Dwarf Musk Plant.

(MIMULUS MOSCHATUS COMPACTUS.)

752a This is a capital variety in places where a dwarf grower is required. It is very free blooming, of close compact growth and only 3 or 4 inches high. The blooms are as large as those of the ordinary type and the scent equally strong. Excellent for pot culture as it grows compact and robust. Pkt., 10c.

← **MUSA MARTINI.** →

753 This new Banana Plant possesses some very important advantages over that well known species *Musa Ensete* which recommend it to the amateur as well as to the florist. The leaves are large, leathery, the surface bluish green, the under part light green while the midrib is very strong; the stalk is reddish and the flowers are pink. It is much harder than *Musa Ensete*, which enables it to better withstand the wind which often proves detrimental to the young leaves of the latter. The seeds germinate quickly and almost without fail which cannot always be said of *Musa Ensete*. We have in this a most valuable addition to our list of foliage plants for lawn decoration and the adornment of the house and conservatory. Pri to see t :

MUSA ENSETE. (ABYSSINIAN BANANA.)

754 This is one of the grandest and most picturesque of the Banana family; as a solitary plant or in groups on the lawn, it has a very majestic tropical effect. The leaves are very long and broad, of a beautiful green with crimson midrib in striking contrast. An occasional application of liquid manure and frequent watering are necessary. If the seed is sown early in hot-beds and repotted several times, the plant will attain a height of over ten feet the first summer. The rapidity of its growth is astonishing. Packet of 5 seeds, 20c.

MORNING GLORY, see *Convolvulus*.

MOURNING BRIDE, see *Scabiosa*.

~ **LOBB'S NASTURTIIUM.** ~

(TROPÆOLUM LOBBIANUM)

These constitute without doubt, some of the finest of our annual climbers; they are as easily grown as the common Tall Nasturtium, which they far surpass in remarkable brilliancy of their flowers and also in height of vines and rapidity of growth.

755 Spitfire —Brightest scarlet, very effective.

756 Giant of Battles —Sulphur spotted red.

757 King of the Blacks.—Deepest brown.

758 Asa Gray.—This variety is the lightest color yet obtained in that class, being the softest sulphur yellow, a very delicate shade.

759 Lily Smith, scarlet | 761 Napoleon III, golden.

760 Cardinal, dark sc. | 762 Lucifer, bright scarlet.

Price per pkt. of above, 10c; any 3 for 25c.

763 Many Colors.—Fine mixed. Oz. 25c; pkt. 5c.



MUSA MARTINI.

☀ **NASTURTIIUMS.** ☀

These should not be planted in too rich soil. The dwarf varieties of *Nasturtium* are among the most useful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of blooming. The tall sorts are admirably adapted for rock work, covering trellises or rustic work. The seed, picked young, is an excellent substitute for capers.

TOM THUMB OR DWARF NASTURTIIUM.
PRINCE HENRY. New.

764 An entirely new and novel sort. The flowers are of a beautiful golden yellow, spotted and marbled with brilliant scarlet which in combination with the dark green foliage presents a most striking combination. Pkt., 10c.

765 **Aurora.**—New. Deep chrome yellow, the upper petals showing lighter reflexes, while the two lower petals are blotched and veined carmine.

766 **Empress of India.**—A splendid new dwarf variety, with very dark leaves and crimson flowers.

767 **King Theodore.**—Bluish green foliage, flowers velvet crimson; a fine bedder.

768 **King of Tom Thumbs**—Intense scarlet flowers, dark foliage, very handsome. Oz., 25c.

769 **Crystal Palace Gem.**—Sulphur maroon spots.

770 **Ruby King.**—Of a peculiar blue-tinted red.

771 **Chameleon.**—Flowers are crimson bronze and gold, bordered and flamed; very pretty.

772 **Ladybird.**—A new and distinct sort. The ground-color is a rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy.

773 **Golden King**—Brilliant yellow.

774 **Golden Cloth.**—Entirely unlike other *Nasturtiums*, the foliage is of a bright golden-yellow while the flowers are of an intense scarlet, a most valuable bedder. Pkt., 10c.

775 **Pearl.**—Creamy white. | 776 **Rose.**—Very desirable.

777 **Vaughan's Special Mixture** of all the above kinds, per pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

778 **Collection.**—One pkt. each of 6 colors, 20c. Price per pkt. of any of the above, 5c.; oz. 20c. except where noted.

MAJUS OR TALL NASTURTIIUM.

79 **Straw Color.** | 794 **Scarlet Striped.**

792 **Dunnett's Orange.** | 795 **Crimson.**

793 **Scarlet.** | 796 **Light Yellow.**

797 **King Theodore.**—Very fine; dark foliage and bright scarlet flowers. Per oz., 25c

798 **Collection** of 6 varieties, one packet each, 20c.

Price per pkt. of any of above, 5c.; oz. 15c.

799 **Many Varieties, Extra Mixed.**—Per pkt. 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

800 **Canarybird Flower.**—This handsome climber also belongs to the *Nasturtium* family and is one of the most beautiful of its class. The vines grow to a height of 20 feet and are thickly covered with beautiful flowers, which are of clear golden yellow and finely fringed. Pkt., 5c.; ¼ oz., 20c.



VAUGHAN'S LARGE-FLOWERING PETUNIAS.

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BY J. C. VAUGHAN.

VAUGHAN'S DOUBLE PETUNIAS.

PETUNIA.

Charming free-blooming effective plants of easy cultivation. The hybrid sorts are especially fine in mixed borders and beds, while the large flowering kinds with their delicate colors and pervading fragrance are deserving favorites for pot culture. The seed we offer is sure to produce fine, well developed flowers.

- 870 **P. Dwarf Inimitable.**—Each plant forms a complete bush, 5 to 8 inches high, and is covered with brilliant cherry-red flowers, each being marked with a clear white star. It is invaluable for bedding and pot culture.....10
- 871 — **Countess of Ellesmere.**—Pink, white throat..... 5
- 872 — **Blotched and Striped.**—Flowers with star-shaped blotches of symmetrical form, fine for bedding and window boxes..... 5
- 873 — **White.**—Suitable for cemetery, 1/4 oz., 20c..... 5
- 874 — **Finest Mixed.**—A very choice strain; partly made up from named large-flowering sorts which will give an abundance of the choicest flowers in greatest variety of colors.....10
- 875 — **Good Mixed.**—Many colors, per 1/4 oz., 15c..... 5

LARGE-FLOWERING SORTS.

- 881 **P. Superbissima Mixture.**—These are among the finest of the Petunias; the flowers are from 4 to 6 inches in diameter, the plants are of very sturdy, bushy habit, and we can faithfully recommend them to all lovers of these pretty flowers. This mixture includes the well known Prince and Princess of Wuerttemberg sorts.....25
- 882 — **Fringed Sorts (FIMBRIATA).**—A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter, remarkable for their brilliancy and variety of color. Our strain is the best in the country.....25

DOUBLE FLOWERING SORTS.

The seed of these is obtained by artificial fecundation, and about 30 per cent. of double flowers may be expected.

- 876 **P. Dwarf Double Liliput (NANA COMPACTA MULTIFLORA FL. PL.)**—New double kind, producing bushy plants, covered with small double flowers, which are partly spotted, blotched and self colored; a very pretty plant25
- 877 — **Extra Large-Flowering, Double Fringed.**—This extra choice strain produces about 30 per cent. of splendid double fringed flowers.....50
- 878 — **Extra Large-Flowering, Double Fringed, "Lady of the Lake."**—This seed will produce about 30 per cent. double white flowers50
- 879 **Collection of Double Fringed Petunias of 6 varieties.**.....75

Vaughan's Double Petunias.

880 Consists of a mixture of the best large-flowering double sorts, including the fringed varieties. The seed we offer is saved from plants raised in pots, carefully fecundated and will produce some extra choice double flowers, Pkt 25c.

NEMOPHILA.—LOVE GROVE.

A dwarf very free-blooming class, with very richly colored flowers; succeeds best in a shaded and moist situation. Height, 1 foot. H. A.

- 888 **N. Insignis**, blue, white center...5
- 890 **N. Maculata**, white, purple spots 5
- 889 — **Discoidalis**, black & white...5
- 891 — **Fine Mixed**..... 5

NICOTIANA AFFINIS.—SWEET-SCENTED TOBACCO PLANT.

892 This recently introduced Tobacco Plant has given such entire satisfaction that it now occupies one of the most conspicuous positions among the ornamental plants of the flower garden. It attains a height of about 2 feet and produces an abundance of large pure white flowers, which expand fully in the morning and evening, emitting a delicious fragrance. It also succeeds finely as a house plant. If the plants are taken up in the fall, cut back and potted, they will bloom all winter. It is of easy culture and will grow in any garden soil. Pkt., 10c.

893 **Nicotiana Atropurpurea Grandiflora**—A most effective decorative plant on the lawn; flowers dark red and leaves large..... 5

894 **NIGELLA Hispanica.** (Love in a Mist).—Free-blooming plant with blue flowers and graceful foliage; grow in any soil. Height, 1 ft. H. A. 5

895 **NOLANA.**—Very pretty annual, trailing habit, with Morning Glory-like flowers, well adapted to rock-work. 6 inches. H. A. Mixed Colors..... 5

896 **NYCTERINA Capensis.**—Sweet-scented little plants with star-shaped flowers, valuable for rock work and edgings, 6 inches. H. H. P..... 5

NICOTIANA COLOSSEA.—GIANT TOBACCO PLANT.

897 This new Tobacco Plant ranks foremost among the annual foliage plants and is a novelty of sterling merit. It is biennial, grows to the enormous height of 9 feet, the leaves are covered with silky felt when young but turn to a deep rich green and grow 3 feet long with a diameter of 20 inches. The stalk being red contrasts very pleasingly with the dark green foliage. It is most effective as a solitary plant on the lawn and also in combination with other foliage plants. The stalk is very stiff and strong and the leaves tough, which enables the plant to resist heavy winds and adds greatly to its adaptability to above purpose. 25c.

GENOTHERA (EVENING PRIMROSE.)

898 **O. Macrocarpa.**—A vigorous growing perennial, forming a compact trailing mass, covered with deep golden yellow flowers, 3 inches across. A very useful plant, thriving in almost any soil or situation..... 5

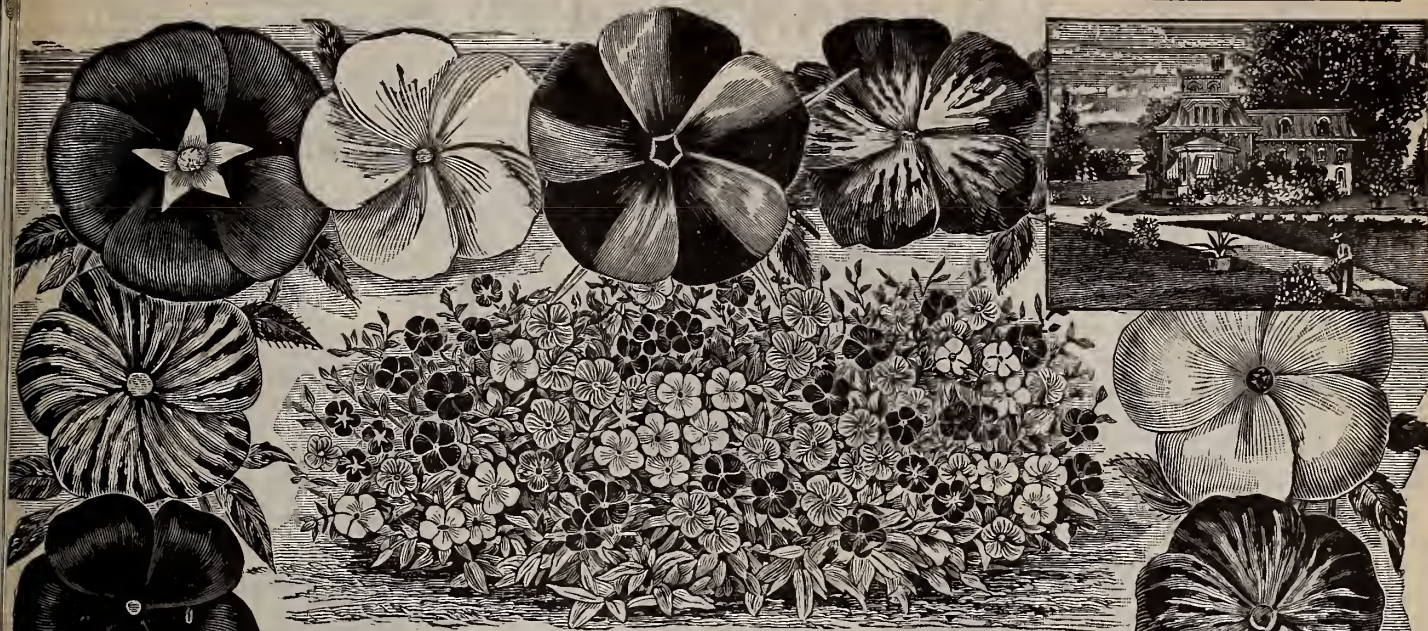
899 — **Mixed**..... 5

900 **Ornamental Grasses.**—Many sorts, in finest mixture..... 5

901 **Ornamental Fruit.**—Our last year's Premium packets of seed of plants with ornamental fruit have given universal satisfaction and we offer this year a mixture that will produce plants with the most curious and handsome fruit, even surpassing last year's.....10

902 **OXALIS Tropæoloides.**—Suitable for rock work, rustic baskets etc., largely used in our parks; flowers deep yellow, leaves brown, 6 in. H. H. P. 10

903 — **Rosea.**—Rose colored, good bloomer; excellent for ribbon bedding. 5



TYPES OF OUR LARGE-FLOWERING PHLOX.

PHLOX DRUMMONDI.

A very pretty hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow white to the deepest blood red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the Phlox. We have an excellent strain. 1 foot. H. A.

- 1130 P. Alba.—Pure white..... 5
- 1131 — Brilliant scarlet..... 5
- 1132 — Rosea.—Pink, beautiful..... 5
- 1133 — Atropurpurea.—Deep red..... 5
- 1134 — William I.—Crimson striped..... 5
- 1145 — Hortensiaeflora.—Large umbels of shining rose colored flowers..... 5
- 1146 — Striata.—Striped, white and rose..... 5
- 1147 — Isabellina.—Yellow..... 10
- 1148 — Many Colors.—Mixed..... 1/4 oz. 30c. 5
- 1149 — Collection of 12 distinct colors..... 40
- 1150 — Collection of 6 distinct colors..... 20

PHLOX STAR OF QUEDLINBURG.

1151 A very striking novelty of extraordinary character. The growth is generally dwarfer, and the habit more compact than that of the Phlox Drummondii; the chief difference, however, consists in the flowers, the centre petals of which are five in number, being much elongated, from four to five times the length of the lateral ones, thus giving the flowers a most distinct and regular star-like appearance, their attractiveness being greatly enhanced by the broad white margins, which border the edges of the petals. It has been awarded a first-class certificate of merit. Many colors, mixed, per large pkt., 10c.; 3 for 20c.

PHLOX DRUMMONDI FIMBRIATA.

1152 The petals of all other Phlox varieties are entire, but in this variety they are partly fringed, partly three-toothed, the centre teeth are almost twice as long as the lateral ones, all distinctly bordered with white, which together with the bright eye of the centre, picturesquely contrasts with the magnificent velvety colors, consisting already of more than twenty-five splendid distinct shades. We offer it in finest mixture. Per large pkt., 10c.; 3 for 20c.

1153 The above two new kinds mixed... 10

Phlox Grandiflora.—LARGE FLOWERING.

The large flowering kinds are a decided improvement on the Drummondii, producing flowers twice the size of the latter with the most brilliant colors imaginable.

- 1154 — Alba.—White..... 10
- 1155 — Intense scarlet..... 10
- 1156 — Rosy Carmine, white eye..... 10
- 1157 — Rosea.—Pink, white eye..... 10
- 1158 — Splendens.—Vivid crimson; large white eye..... 10
- 1159 — Stellata Splendens.—This fine variety resembles the Splendens, with the addition of a clearly defined pure white star, contrasting strikingly with the vivid crimson of the flowers..... 10
- 1160 — Large Flowering Phlox.—In splendid mixture. 1/8 oz., 25c..... 5
- 1161 — Collection of 12 distinct colors..... 75
- 1162 — Collection of 6 distinct colors..... 40



DOUBLE PORTULACCA.

Phlox Nana Compacta.—Dwarf Sorts.

A quite distinct strain of dwarf and compact growth; very desirable for pot culture and ribbon bedding. Height, 9 inches.

- 1163 — Nana Fireball.—Fiery scarlet..... 10
- 1164 — Snowball.—Pure white..... 10
- 1165 — Queen Victoria.—Scarlet flowers..... 10
- 1166 — Chamois Rose.—Handsome shade..... 10
- 1167 — Dwarf Sorts.—Choice mixture..... 5

Phlox Drummondii "Graf Gero."

1168 This new strain forms compact plants, well adapted for pot culture.—Mixed colors..... 10

Double White Phlox.

1169 In this new variety we have the first DOUBLE PHLOX yet introduced. It produces about 60 to 70 per cent. of PERFECTLY DOUBLE flowers of an exquisite pure white color and handsome shape..... 10

Hardy Phlox.—(Phlox decussata.)

These rank among the finest herbaceous perennials for beds or borders.

- 1170 Phlox Decussata.—Mixture of the finest flowers..... 10

POTENTILLA.—ROSE MOSS.

Small trailing plants which bear brilliant, beautiful and delicate flowers, whether used in baskets, beds or edgings, their splendid flowers, produced in great profusion are very effective; succeed best in light, sandy soil, and want to be exposed to the full glare of the sun. Height, 6 in. H. A.

- 1175 P. White..... 5 | 1177 P. Pink..... 5
- 1176 — Scarlet..... 5 | 1178 — Yellow..... 5
- 1179 — Many colors extra choice mixed... 5

Double Sorts.

- 1180 — Double White. 15 | 1182 — Pink... 15
- 1181 — Golden Yellow. 15 | 1183 — Scarlet 15
- 1184 — Mixed.—Choice double flowers..... 10
- 1185 — Collection of 6 distinct colors..... 6c

POTENTILLA.

1187 P. Formosa.—One of the most hardy perennials, growing about 2 feet high and producing numerous flowers of a bright cherry-red..... 10

POLYANTHUS.

These rank undoubtedly among the prettiest of plants for borders, rockeries, etc. When once established they grow in any common soil, but they succeed best in rich soil, and a position somewhat moist and shaded. 1 foot. H. P.

- 1190 P. Goldlaced, Mixed.—The flowers have a clear, even margin, or lacing of gold on a ground-color similarly well defined, extra choice mixed..... 25
- 1191 — Mixed Varieties..... 10
- 1192 — Hose in Hose, Mixed.—Curious and pretty; one flower set within another. 25



Single Varieties.
New Persian Poppy.

PAPAVER LEVIGATUM.

1193 An exceedingly showy and free-blooming variety. The plant grows about 2½ feet high, with large, finely shaped flowers, 4 inches across. The color is the most brilliant scarlet with shining black spots surrounded by a clearly defined white margin at the base of each petal. The two outside petals are double the size of two inside petals, so that each pair forms a separate cup. Pkt., 10c.

THE SHIRLEY POPPIES.

1194 They are similar in every way to the Wild Scarlet Field Poppy of England and the continent, but the range of color is so varied that scarcely two will be found alike. Pkt., 10c.

1195 **P. Umbrosum.** Rich vermilion with a deep shining spot. Pkt., 5c.

1196 **Victoria Cross.**—A white cross, vermilion crimson. Pkt., 5c.

1197 **Mephisto.**—The flowers are of a glowing dark scarlet with rich velvety jet black blotches forming a cross. Pkt., 10c.

1198 **Peacock.**—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Pkt., 5c.

1199 **Tulip Poppy.**—New, of the most brilliant scarlet. Pkt., 10c.

1200 **Mixture of all the above single Poppies.** 5c.; ½ oz., 15c.

VAUGHAN'S POPPIES.

Perennial Varieties.

PAPAVER ORIENTALE

(Oriental Poppy.)

ONE OF THE GRANDEST BORDER PLANTS.

1220 A row of these in bloom makes a splendid show. The prevailing color is the brightest scarlet imaginable but they vary somewhat in shades, some being orange-scarlet, while others approach to crimson. The flowers are of very great dimensions, often measuring 6 inches across and enduring the longest of any Poppy we know. They are hardy perennials and will increase in size and profusion of bloom with age. Pkt., 10c.

ICELAND POPPIES.

(PAPAVER NUDICAULE.)

1221 These fine perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. The profusion of flowers which they produce is really astonishing. For vase or house decorations they rank among the loveliest, especially to those who prefer orange, apricot and yellow tints in flowers. Mixed colors Pkt., 10c.



POPPY AMERICAN FLAG.

San Jose, Cal., May 2, '92. I want to thank you for the promptness and accuracy of the order filled. I received every thing in most excellent condition. I feel very grateful for the extras you sent. I will take pleasure in recommending your house to my friends.
MRS. T. KIRK.

Double Varieties.

AMERICAN FLAG, New.

1207 The plant is a remarkably strong grower, well branched flowers, extra large, very double, snow-white with each petal bordered with scarlet; the foliage is a beautiful bluish green which combination of colors suggested the name. The terminal point has a wider band than the sides making it extremely showy, distinct from all others. Pkt., 10c.

GOLDEN GATE.

1208 Exceedingly free blooming; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Pkt., 10c.; 3 for 25c.

1209 **P. Double Carnation Flowered.**—Of large size and in great variety of colors. Pkt., 5c.; ½ oz., 15c.

1210 **Double French Mixed.** Pkt., 5c.; oz., 25c.

1211 **Pæony Flowered.**—The flowers in size and colors are equal to Pæonies. Mixed colors. Pkt., 5c.; oz., 30c.

1212 **Snowdrift.**—Pure white. Pkt., 5c.
1213 **Double Danebrog.**—Flowers of a brilliant deep red; each of the petals being marked at the base with a white blotch. 10c.

1214 **Umbrosum Fl. Pl.**—Flowers of a vermilion with black spot. Pkt., 5c.

1215 **Double Japanese Pomponé.**—Flowers small but very double. Pkt., 10c.

1216 **Fairy Blush.**—The flowers at a little distance have the effect of large white, feathery balls, overcast with a rosy shade. Pkt., 10c.

1217 **Mikado.**—Flowers are of pure white at the back, the fringed edges are of brilliant scarlet. Pkt., 5c.

1218 **Mixture of all the above double Poppies.** Pkt., 5c.; oz., 20c.



WHITE SWAN POPPY.

NEW POPPY, WHITE SWAN.

1219 One of the most effective and valuable poppies introduced for years. The plants are about 18 inches high, grow in very pretty bush form crowned with flowers of enormous size, perfect form, very double and of the purest snow-white. Its flowering period is considerably longer than that of other poppies. We can specially recommend this sort as it is sure to give satisfaction. Pkt., 10c.; 3 for 25c.

Pentstemon.

Very attractive and indispensable for beds, borders and cut-flowers. The flowers are half pendant, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich open soil and protected during winter.

1222 **P. Finest Hybrids.**—A splendid mixture. Pkt., 10c.

CHINESE PRIMROSES.

(PRIMULA SINENSIS.)

Charming, profuse blooming plants, indispensable for winter and spring decoration in the house. Seed should be sown in February or March in a light, sandy soil, but slightly covered and kept moist. Transplant as soon as the second leaves appear, and continue shifting the plants as they grow. Our seed is from the best European collections, and is in quality second to none.

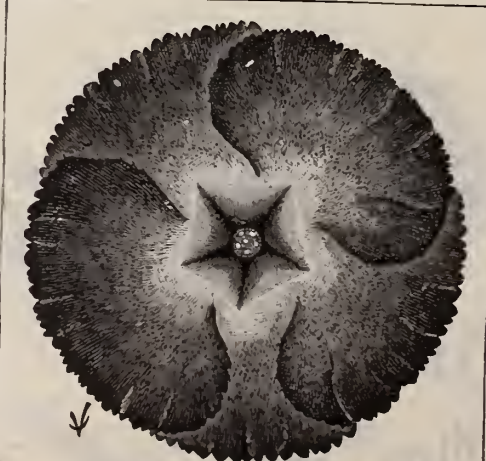
1223 **P. Chinensis White.** Pkt., 25c.
1224 **Brilliant Crimson.** Pkt., 25c.

1225 **New Blue.**—Very charming. Pkt., 25c.

1226 **Vaughan's International Collection.**—Contains the choicest colors of German, English, French and American Primroses and are sure to please. Pkt., 25c.

1227 **Double Mixed.** Pkt., 50c.

Our new Rose seed and Columbian Carnation are two of the grandest novelties introduced in many years.



VAUGHAN'S INTERNATIONAL PRIMULA.



GOLDEN GATE POPPIES.

Primula Obconica.

1228 This is one of the most useful flowering plants grown; if sown early in spring the seedlings will begin to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac shade and very charming. It is one of the most useful Primulas for pot culture, and also succeeds well in the open border during the summer months. Pkt., 10c.

HARDY PRIMROSES.

Beautiful early spring flowers, fine for borders, rockwork, etc.; the flowers are borne in umbels on stalks 4 to 6 inches long.

1229 **Primula vulgaris.**—The old-fashioned common yellow Primrose. Pkt., 10c.

1230 **Japonica.** (Japanese Primroses.)—One of the most beautiful hardy perennials in cultivation. Flowers crimson, maroon, lilac, rosy-pink or white. Seed is slow to germinate. Pkt., 10c.

1231 **Cortusoides.** (Siberian Primrose.) Beautiful rose color. Pkt., 10c.

1232 **Cashmerianum.**—A handsome variety with flowers of a light purple, with a yellow eye. Should have protection in the winter. Pkt., 10c.

Greenfield, Ohio, April 30, '92. Seeds bought of you gave splendid results. The Cinerarias are fine and the Primulas the best I ever had. From one hundred Primula Seeds by count I got one hundred plants.
CHAS. POMMERT.

SWEET PEAS.

Five cents per Pkt., of any of the following sorts except where noted.



We were awarded a World's Fair Medal on our Sweet Peas.

- 1350 **Adonis**, deep rose, wings carmine. Oz., 10c.
- 1351 **Alba Magnifica**, extra large, pure white, large flower. Oz., 20c.
- 1352 **Appieblossom**, bright rosy pink. Oz., 20c.
- 1353 **Blanche Ferry**, large pink and white flowers of perfect form, fully 10 days earlier than any other, of dwarf, compact habit and a most profuse bloomer. Oz., 10c; 1/2 lb., 30c; lb., \$1.00.
- 1354 **Boreatton**, fine sort. Pkt., 10c; oz., 15c.
- 1355 **Butterfly**, bluish. Oz., 10c; lb., \$1.50.
- 1356 **Cardinal**, bright carmine. Oz. 15c; lb., \$1.25.
- 1357 **Countess of Radnor**, pale mauve, a splendid sort. Oz., 15c; lb., \$1.60.
- 1358 **Crown Princess of Prussia**, bright bluish. Oz., 10c; lb., \$1.00.
- 1359 **Delight**, wings and standard pure white, crested with shining crimson. Oz., 20c; lb., \$2.00.
- 1360 **Dorothy Tennant**, dark mauve. Oz. 20c.
- 1361 **Duchess of Edinburgh**, standard scarlet slashed crimson, edged white. Oz., 15c.
- 1362 **Emily Henderson**, like Blanche Ferry except in color which is snow-white. Pkt., 10c.
- 1363 **Grand Blue**, (Imperial Blue.) The best blue sort grown. Oz., 15c; lb., \$1.25.
- 1364 **Empress of India**, large flowers, clear rose. Oz., 15c; lb., \$1.50.
- 1365 **Indigo King** dark maroon purple. Oz., 10c.
- 1366 **Invincible Carmine**, (Cardinal,) the brightest colored of all. Oz., 15c; lb., \$1.25.
- 1367 **Invincible Scarlet**, oz., 10c; lb., \$1.20.
- 1368 **Isa Eckford**, creamy white suffused rosy pink. Oz., 15c; lb., \$1.75.

- 1369 **Lottie Eckford**, flowers large, pure white edged with lavender blue. Oz., 15c; lb., \$1.70.
- 1370 **Miss Hunt**, pale blue. Oz., 20c.
- 1371 **Monarch**, large, rich crimson standards, wings deep blue. Pkt., 10c; oz., 15c; lb., \$1.60.
- 1372 **Mrs. Sankey**, large, pure white, three on a stem. Oz., 25c.
- 1373 **Mrs. Gladstone**, standards soft pink, wings dainty blush, large flowers. Pkt., 10c. oz., 25c; lb., \$2.00.
- 1374 **Nellie James**, pink and white. Oz., 15c;
- 1375 **Orange Prince**, bright orange pink, flushed scarlet. Pkt., 10c; oz., 20c; lb., \$1.75.
- 1376 **Primrose**, pale yellow. Pkt., 10c; oz., 25c.
- 1377 **Princess Beatrice**, beautiful rose, a good florists' sort. Oz., 20c; lb., \$1.80.
- 1378 **Princess Louise**, standards rich rosy pink, wings deep lilac blue. Oz., 15c.
- 1379 **Princess of Wales**, white ground shaded mauve. Oz., 15c. lb., \$1.30.
- 1380 **Purple Prince**, maroon standards and blue wings. Oz., 15c.
- 1381 **Queen of England**, (Alba Magnifica) pure white. Oz., 15c; lb., \$1.75.
- 1382 **Queen of the Isles**, striped blue & red. Oz., 20c; lb., \$2.00.
- 1383 **Splendor**, rich bright pink. Oz., 10c; lb., \$1.50.
- 1384 **Red and White Striped**, a very pretty sort. Oz., 10c.



- 1385 **Senator**, standards nocolate, shaded white. Pkt., 10c.
- 1386 **The Queen**, standards soft pink, wings mauve. Oz., 20c.
- 1387 **Waverly**, rosy carlet standards with pale blue wings. Oz., 15c.

1388 **SWEET PEAS Many Colors Mixed**, Pkt., 5c; 3 for 12c; 7 for 25c; oz., 10c; 1/2 lb., 20c; lb., 65c. postpaid.

1389 **Sweet Peas, Vaughan's Prize Mixture**, contains the largest variety of colors ever offered. See front cover of this catalogue. Price, per large pkt., 10c.; 3 for 20c.; 7 for 40c.; oz., 20c.; 2 ozs. for 30c.; 1/2 lb., 50c.; lb., \$2.00; 3 lbs., for \$5.00, postpaid.

LAFAYETTE, IND.—I have raised Sweet Peas for a number of years, but never before have been rewarded with the success I had the past summer; which is owing to the excellent seeds I obtained from you. My Sweet Peas were simply exquisite. I never saw such large blossoms and variety of coloring. NELLIE G. DUFFY.

... New Dwarf Polyantha Rose ...

Roses from Seed the First Year.

1260 This remarkable little plant which we offered last season for the first time, is a native of Lyons, the home of Roses, and promises to be the first of a new race of remontant, or *Ever-Blooming Polyanthas*, with two prominent characteristics; they bloom in four months after sowing, so that seeds sown in February in the house may be had in flower in May or June in the open ground, where they continue in bloom throughout the season. The plants are dwarf and bushy, growing only about one foot high, and very pretty for solid beds and borders. They are very hardy and treated as annuals. Pkt., 15c.

RICINUS.—(CASTOR OIL BEAN.)

Stately strong growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Height, 4 to 15 feet. H. H. A. 1261 **R. Borboniensis Arboreus**.—Immense green foliage. 15 feet.....5

- 1262 **Sanguineus**.—A distinct variety with beautiful brownish red foliage and bright seed-pods; very effective. Height, 6 ft.....5
 - 1263 — **Giganteus**.—Immense foliage. 15 ft.....5
 - 1264 — **Gibsoni**.—Dark purple stems and leaves; ornamental. 5 feet.....5
 - 1265 — **Cambodgensis**.—Large palm-like leaves of the darkest bronzy maroon; stalk and stem nearly black; very effective. 6 to 8 feet10
 - 1266 — **Mixture**.—Many sorts.....0z., 20c.....5
- RHODANTHE**.—The prettiest of the everlasting flowers; mixed colors.....5

SALPIGLOSSIS.

Highly ornamental autumn flowering plants with beautifully veined and tinted funnel-shaped flowers. A very choice annual. 2 1/2 feet. H. H. A. 1267 **S. Grandiflora**.—Fine mixture of new large flowering varieties.....5

- 1268 — **Collection of six separate colors**.....20
- 1269 **Sanvitalia**.—Dwarf trailing plants with very double bright golden-yellow flowers. 6 in. H. A.5
- 1270 **Saponaria** (BOUNCING BET.)—Dwarf-growing plants with star-shaped, deep rose flowers.....5
- Stevia**.—Very pretty perennials, which furnish excellent material for bouquets. They grow about 18 inches high and bloom from seed the first year.
- 1271 **S. Serrata**.—Flowers white, star-shaped leaves, fragrant. 2 feet.....10
- 1272 **Sweet Sultan**. (Centaurea Moschata).—Sweet scented, profuse flowering, showy plants of easy culture and very effective in shrubbery. H. A.5
- 1273 **Sensitive Plant** (MIMOSA PUBICA).—A very interesting plant with fern-like foliage, which is so sensitive that the leaves close up immediately when touched or shaken. H. A.5



NEW DWARF POLYANTHA ROSE.

Salvias.—(Flowering Sage.)

1274 **SALVIA Splendens**.—(Large Flowering Scarlet Sage).—One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from one and one-half to three feet in height and form dense bushes, completely covered with showy sprays of the most dazzling scarlet flowers; the culture from seed is the easiest possible. Pkt., 10c.

1275 **New Dwarf Salvia**.—A splendid new sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfier and more compact in habit, while the numerous flowers are of the brightest scarlet imaginable. Pkt., 10c.

- 1276 **S. Patens**.—The purest and brightest blue of all flowers. Height 2 ft.....10
- 1277 — **Coccinea**.—Deep crimson. 8 inches.....5
- 1278 — **Argentea**.—Silver white foliage.....5
- 1279 — **Nutans**.—A hardy perennial, very floriferous; flowers are blueish purple, in racemes terminating the long branched stems; very showy. 3 ft10

SCABIOSA.—(MOURNING BRIDE.)

One of the very prettiest plants of the old-fashioned garden, its richly colored flowers borne on stiff stems; fine for bedding and bouquets. H. H. A.

- 1280 **S. Major Fl. Pl.** Tall variety, fine mixture.....5
- 1281 — **Candidissima**.—Double white flowers, useful for bouquets. 1 foot.....5
- 1282 — **Nana Fl. Pl.**—Dwarf flowers extremely double. 1 foot.....5
- 1283 — **NEW LARGE-FLOWERING**.—The flowers are large, averaging three inches across; very double, valuable for bouquets. Finest mixed.....5
- 1284 — **New Double Blood Red**.—Very distinct and charming color.....5
- 1285 **Hardy Scabiosa** (S. Caucasic).—This is one of the handsomest hardy perennials in cultivation. The flowers are of a peculiar soft lilac-blue shade and last a long time when cut. It grows 2 1/2 to 3 feet high, and thrives in any soil.....10

- 1286 **Schizanthus** (BUTTERFLY FLOWER).—Charming little annual; flowers as pretty as orchids and most freely produced.....5
- 1287 **Sedum**.—(STONE CROP).—Blue. A dwarf little plant growing freely in rockwork, vases, etc.....5
- 1288 **Smilax**.—Perennial tuberous-rooted climber with dark glossy foliage and small white flowers, one of the most desirable house climbers.....5
- Solanum**.—A shrub with fine foliage, and admired for its small pepper-shaped scarlet fruit.
- 1289 **S. Capsicastrum**.—(Jerusalem Cherry).....5
- 1290 — **Hendersoni**.—Orange scarlet berries, excellent ornamental pot plant.....10
- 1291 **Spraguea Umbellata**.—The plants form a compact mass of dark bronzy leaves throwing up flower spikes eight to ten inches high, bearing curious wood-like crimson flowers.....10



— The Snowball Scabiosa. —

1329 The flowers of this pretty new Scabiosa are large, measuring fully 2 inches in diameter, of pure white and very double. The stems are very strong and the foliage luxuriant. This plant comes quite true from seed and is sure to be liked for vases and bouquets. Pkt., 10c; 3 for 25c.

1330 **New Golden Yellow Scabiosa.**—This color has long been desired in the Scabiosa family and is now obtained, after years of selection. The flowers are double, of a fine pure yellow color and are charming for bouquets. The plants are semi-dwarf and bushy and very free blooming. Pkt., 20c.

SPECIAL OFFER: One pkt. each, Snowball and Golden Scabiosa, for 25c.

Sweet William. (DIANTHUS BARBATUS).—Flowers produced in large, brilliant heads; very showy planted among shrubbery. H. P.

- 1332 Sweet William, Single.—Many colors mixed..... 5
- 1333 — Auricula Flowered, Mixed.— 1334 Double Mixed..... 10
- A beautiful mixture of single varieties, 1334a Double White..... 10
- showing a distinct eye..... 10 1335 Double Blood Red..... 10
- 1336 **Tagetes.** (SIGNATA PUMILA).—A dwarf compact little plant with fern-like foliage; flowers yellow with brown stripe..... 5

— THUNBERGIAS. —

Beautiful climbers for the greenhouse or hanging baskets and lawn vases. Flowers flaring, trumpet shaped. 4 ft. H. H. B.

- 1336 T. Alata.—Buff, dark eye..... 5
- 1336a — Alba.—White, dark eye..... 5
- 1336b — Aurantiaca.—Orangedark eye 5
- 1336c — Bakeri.—Pure white..... 5
- 1337 — Mirad.—All colors..... 5

— TORENIA. —

Brilliant little flowers, especially suitable for pot culture. 8 in. T. A.

- 1338 T. Fournieri.—Sky-blue flowers with three indigo-blue spots and a bright yellow throat; a free bloomer..... 10
- 1338a — Bailloni.—Deep yellow and maroon..... 10
- 1338b White Wings.—White, with a light flush of rose at the base of throat..... 10



DOUBLE SWEET WILLIAM.

STOCKS.

GERMAN TEN WEEKS.—(GILLYFLOWER.)

These old-fashioned flowers are much liked for their peculiarly pleasant perfume and bright colors. For early flowering sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Our seed is saved from pot-grown plants, and is sure to give about 80 per cent. of double flowers. 9 to 18 inches high. H. H. A.

Dwarf German Ten Weeks Stocks

- 1308 Pure White..... 10 | 1311 Crimson..... 10
- 1309 Brilliant Rose..... 10 | 1312 Purple..... 10
- 1310 Light Blue..... 10 | 1313 Canary Yellow..... 10
- 1314 **Large-Flowering.**—Choice mixed..... 10
- 1315 **Fine Mixed.**..... 10
- 1316 Imported Collection of 12 colors..... 60
- 1317 Imported Collection of 6 colors..... 30
- 1318 **Wallflower-leaved.**—Dark glossy foliage; distinct. Choice mixed..... 10

New Large Flowering Stock, FIRE FLAME.

1319 Undoubtedly the most brilliant red of all known Stocks, every separate blossom resembling a flame red garnet. It is of perfect pyramidal habit, very free of bloom and desirable in every way. Pkt., 15c.

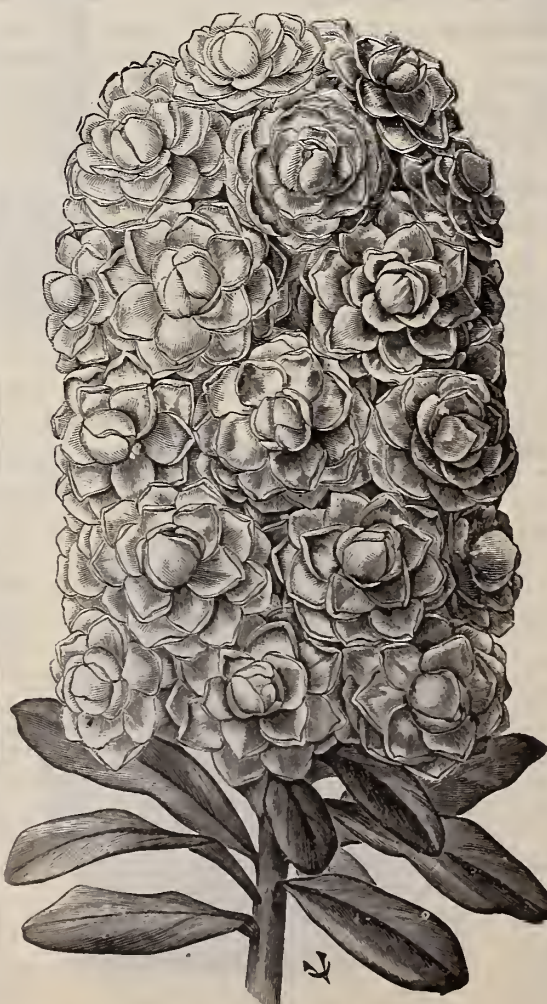
1320 **Forcing Stock, Snowflake.**—The earliest flowering of the White Ten Weeks Stocks. Flowers extremely large and double, and snow-white; foliage strong and handsome. It is much liked for forcing, as it furnishes white flowers at a time when they are scarce. Pkt., 10c.

1321 **Red Victoria.**—Flowers double, dark blood red, very brilliant, and the plant a perfect pyramid of bloom, very regular and symmetrical in growth. Pkt., 10c.

1322 **White Victoria.**—Like the red, very double and of fine regular habit of growth, but pure white and in great demand among florists. Pkt., 10c.

1323 **White Perfection.**—This variety is almost a perpetual bloomer, for which it has also been called "Cut and Come Again"; grows about 18 inches high; branches freely, and if sown early can be had in bloom from the middle of June till November. Flowers are of purest white, very large, and carried on stems about three inches long. Pkt., 10c.

1324 **Large Flowering Dwarf Bouquet.**—This variety has compact flower spikes, and throws out side shoots. Mixed..... 25



LARGE FLOWERING TEN WEEKS STOCKS.

1339 **TORENIA COMPACTA.**—The flowers are of same size and the same exquisite blue as the old Fournieri but it far surpasses it in habit, which is very graceful and compact, making an elegant pot plant, covered with flowers the whole summer. Pkt., 10c.

— STOCKS, CONTINUED. —

Great Perfection.

This sort produces plants 2½ feet high, with long flower spikes of handsome extra double flowers, and is most desirable for outdoor planting

- 1325 **Choicest Mixed**..... 10
- 1326 **Collection of 6 distinct colors**..... 50
- 1327 **Intermediate or Autumnal.**—These flower late in autumn or early in spring. Sow in July. Finest mixed..... 10
- 1328 **Emperor, or Winter.**—These make very bushy and branching plants, with an abundance of flowers. Sow in July or August and they will bloom in winter. Many colors in the finest mixture..... 10

TROPEOLUM. (See Nasturtium.)

1340 **VINCA.**—(Periwinkle).—Pretty, trailing greenhouse plants with dark green leaves; sometimes variegated; flowers blue..... 5

1341 **VIOLA.**—(Sweet Violet).—"The Czar."—Very large flowering blue..... 10

1342 **Blue.**—Sweet Violet..... 5

1343 **VIRGINIA STOCKS.**—(Cheiranthus Maritimus).—Very pretty free-flowering plants, succeed in any soil; red flowers. 4 in 5

WALLFLOWER, (Gold Lack.)

1344 Single.—Mixed..... 5

1345 Double Sorts.—Extra mixed..... 10

— WATER LILIES. —

1346 **Nymphaea Alba.**—Our native white Water Lily..... 10

1347 **Zanzibarensis.**—(The Royal Purple Water Lily).—The finest of all blue Water Lilies..... 25

1348 **Lotus.**—[Egyptian Lotus.]—Large white flowers..... 25

— XERANTHEMUM. —

Very pretty everlasting; flowers for drying should be gathered before fully open. 2 ft. H. H. A.

1349 **X. Plenissimum.**—Double white or red, each..... 5

FLOWER SEED COLLECTIONS sure to please. Read page 52.

VERBENAS.

Verbenas are more easily grown from seed than from cuttings, and the plants produced in this way are more vigorous and free-blooming. If sown early in spring they will flower quite early in the season and continue until destroyed by frost. They are almost indispensable for bedding as they spread rapidly and bloom with freedom. H. H. P.

Vaughan's Best Mixture.

1400 Contains all the most distinct and beautiful shades, Mammoth, Italian striped and yellow-leaved varieties, and we know that this mixture has no superior in the country, no matter under what name or at what price. Pkt. 15c.; 2 for 25c.; 1/2 oz., 50c.

Mammoth Verbenas.

1401 Flowers are of an enormous size the florets fully 1 inch in diameter, with clearly defined margins and white eyes. Our seed is saved from the finest flowers and will produce best results. Pkt., 10c.

- 1402 V. Extra Choice Mixed.....10
- 1403 — Fine Mixed, 1/4 oz., 35c.....10
- 1404 — White; (Sea Foam). Large and sweet scented.....10
- 1405 — Defiance.—Scarlet.....10
- 1406 — Italian Striped.....10
- 1407 — Purple.....5
- 1408 — Dark Blue, white eye.....10
- 1409 — Purple Mantle.—New, rich deep velvety purple, white eye.....10
- 1410 — Yellow Leaved.—(GOLDEN BEDDER) A very interesting variety with golden yellow foliage, which forms a striking contrast to the deep crimson flowers.....15
- 1411 — Lutea (PRIMROSE). Straw-yellow.....10

New Dwarf Verbenas.

This new dwarf strain of Verbenas is especially suited for bedding and edging growing only about 6 inches high, well branched and covered with flowers making an even carpet of leaf and blossom.

- 1412 White.....10 | 1413 Scarlet.....10
- 1414 Many Colors Mixed.....10
- Any 3 Dwarf Verbenas for 25c.
- 1415 **Verbena Venosa.**—Producing an abundance of lilac flowers; well adapted for bedding.....5
- 1416 **Lemon Verbena.**—Well known sort, much liked on account of its sweet scented foliage.....10



TYPES OF VAUGHAN'S BEST VERBENAS.

ZINNIAS.

YOUTH AND OLD AGE.

Hardy, showy annuals, free of bloom and thriving in any soil.

Vaughan's

Giant-Flowered.

The best in cultivation.

1420 This is a mixture of the largest Zinnias yet obtained, the plants being of vigorous growth, about 3 feet high, and very profuse of bloom. The flowers are extremely double and very brilliant in color, showing shades not found in any former collection, while in size they surpass all other Zinnias, often four to five inches in diameter. It also includes the Mammoth Zebra strain, introduced last year, equal in size to the largest and striped and marked in scarlet and gold, white and scarlet and other showy combinations. For large beds and situations where masses of bright color are desired these brilliant flowers cannot be excelled. Pkt., 10c.; 3 for 20c.

Double Lillput.

1421 Very dwarf, compact little plants, covered with bright flowers, smaller than those of ordinary Zinnias and in a wide range of color; they are carried on long stiff stems and keep well in water. Will bloom until late in fall. Pkt., 10c., 3 for 20c.

- 1422 Z. Pure White. (Snowball).....5
- 1423 — Dwarf Scarlet. (Fireball.)—Double fiery scarlet flowers.....5
- 1424 — Golden Yellow —Flowers large, of perfect shape and of a clear golden yellow.....5
- 1425 — Double Crimson.—Flowers very double.....5
- 1426 — Carnation Striped. The flowers are of perfect form, double and as finely striped as a carnation.....5
- 1427 — Mexicana Fl. Pl.—A very pretty dwarf growing variety, double golden yellow flowers.....5
- 1428 — Mixture of Double Large-Flowering Zinnias - Many colors, finest strain.....5



VAUGHAN'S GIANT ZINNIAS.

FLOWER SEED COLLECTIONS.

MIKADO COLLECTION NO. 1.

10 PKTS. OF CHOICE FRESH FLOWER SEEDS FOR 25 CTS.

Contains ten beautiful varieties of easily grown annuals, in handsome colored bags, with full directions for their culture.

Asters, choice mixed. Poppy, double mixed. Sweet Mignonette. Pansy, good mixed. Double Imperial Pinks. Snapdragon, all colors mixed. Morning Glory, mixed. Phlox, splendid mixture. Nasturtium, mixed. Sweet Peas, all colors mixed.

MIKADO COLLECTION NO. 2.

CONTAINS 20 PKTS. OF CHOICE ANNUALS, BIENNIALS AND PERENNIALS FOR 60 CTS.

Aster, Truffaut's Perfection, mixed and Dwarf Bouquet mixed. Balsam, double mixed. Phlox Drummondii. Tall Nasturtium, mixed. Dwarf Nasturtium, mixed. Pansy, all colors mixed. Mignonette, large-flowering. Morning Glory, mixed. Sunflower, very double. Marigold, double French. New Sweet Peas, mixed. Pot Marigold. Candytuft, mixed. Sweet Alyssum. Larkspur, perennial, blue. Canterbury Bells. Mourning Bride, mixed. Zinnia, best mixed. Ornamental Gourds.

No. 4. Climbing Plants.

6 Varieties, including Moonflower, Nasturtium, Gourds, Cobæa, etc.....20



MIKADO COLLECTION NO. 3.

CONTAINS 40 PKTS. OF FLOWER SEED FOR \$1.00.

Aster, Vaughan's Excelsior mixture of Tall sorts. Tall Nasturtium, mixed colors. Phlox Drummondii, all colors mixed. Dwarf Nasturtium, mixed. Stocks, mixed. Everlasting Flowers. Pansy, fine mixed. Portulacca, mixed sorts. Double Japan Pink, best mixed. Finest Double Poppy, all kinds mixed. Double Balsam, mixed. Double Marigold, mixed. Cosmos Bipinnatus Morning Glory. Mignonette, Machel. Castor Oil Bean. Sweet Alyssum, Little Gem. Canarybird Flower. New French Cannas. Candytuft, Empress. Verbena, best mixed. Zinnia, large-flowering. New Sweet Peas. Petunia. Marvel of Peru. Godetia, mixed. Ornamental Gourds. Sunflower, many kinds mixed. Chrysanthemum, annual sorts. Carnation, Margaret. Calendula. Snapdragon. Double Daisy. Escholtzia. Double Hollyhocks. Scabiosa, Mourning Bride. Cobæa, climber. Gaillardia, perennial. Salvia splendens.

No. 5. Flower Seed for Bouquets.

10 Varieties including Dianthus, Sweet Peas, Gaillardias, Stocks etc.....30

No. 6. Sweet Scented Flowers.

5 Var. including Musk, Mignonette, etc..20

No. 7. Ornamental Foliage Plants.

6 Varieties including Castor Bean, Perilla, Amaranthus, etc.....20

BULB COLLECTIONS.

* \$1.00 BULB COLLECTION. *

Contains 28 Summer-Flowering Bulbs which we will send by Mail or Express for only \$1.00.

- | | |
|-------------------------------|----------------------------|
| 1 Apios Tuberosa. | 3 Gladiolus, choice mixed. |
| 1 Begonia, Tuberosus. | 1 Hyacinthus Candicans. |
| 1 Caladium Esculentum. | 1 Tiger Lily. |
| 3 Cinnamon Vine. | 1 Madeira Vine. |
| 1 Cooperia. | 2 Milla Biflora. |
| 1 Cannæ, New Large-flowering. | 6 Oxalis. |
| 1 Dahlia, Double. | 3 Lily of the Valley. |
| | 2 Pearl Tuberoses. |

This Collection will furnish flowers from early spring until late in fall and if properly cared for the bulbs can be stored until late in winter and planted again (except Tuberoses) the following spring.

HOW TO GROW VEGETABLES AND FLOWERS.

Vaughan's Vegetable Garden, just published gives full and complete cultural instructions. FREE with every order for seeds to the amount of 35c.



** 50 CENT COLLECTION. **

Contains 13 Summer-Flowering Bulbs which we will send free by Mail or Express for 50c.

- | | |
|-----------------------|----------------------------|
| 1 Apios Tuberosa. | 3 Gladiolus, choice mixed. |
| 1 Begonia, Tuberosus. | 1 Hyacinthus Candicans. |
| 1 Cooperia. | 3 Oxalis. |
| 1 Dahlia, Double. | 2 Pearl Tuberoses. |

All the above Bulbs are fully described and most of them illustrated in the Bulb Department of this Catalogue; compare the retail prices.

GARDENING is a new magazine issued every two weeks, filled with practical, useful, seasonable matter, exactly on the line indicated by its name. It is neither padded with worthless general news, nor overloaded with scientific articles. It simply tells how to do and what to do in good United States English. Have you not wanted such a paper? Are you still looking for it? The publishers of Gardening have decided that the best advertisement of their journal is a trial offer. They have therefore made us an offer which enables us to send the paper on trial for three months (six numbers) for 10 cents to anyone whose order from this catalogue amounts to \$1.00 or over. Trial subscriptions may be sent to Vaughan's Seed Store, Chicago or New York. You will find the 10c. well invested.

OUR CHILDREN'S FLOWER GARDEN.

Of course the children who read this catalogue are flower lovers and are indulged in the pleasant recreation of caring for them when their allotted tasks are done and lessons learned. Now we wish to encourage and help them if we can. With this purpose in view we have prepared a *mixture of Fifteen easily grown annuals*, especially adapted for their use, which will grow and blossom under their own hands, in any flower bed or small plot in the home garden. *Price, large pkt.,* "CHILDREN'S FLOWER SEEDS" with full directions for sowing and cultivating, 10c.

FOR 10c. EXTRA we will add a *trial packet* of the wonderful "FAIRY ROSE" that blooms from seed the first year. The flowers are in size from that of a dime to a twenty-five cent piece, single, semi-double and double, and fragrant. They bloom constantly and in great profusion, a wee plant bearing a score of buds and blossoms at one time. They are perfectly hardy, color pink, white and sometimes yellow. Remember, the Children's 20 cent Collection means one pkt. of Mixed Flower Seeds and one pkt. of "Fairy Rose" Seed, postpaid. The Children's 25c. Collection includes the two named above and one pkt. containing Sunflowers, Gourds and Pumpkins.





BULB CULTURE—It would be impossible in the small space of a Catalogue page to give adequate instructions on growing bulbous plants, we therefore print a very complete little book entitled *Flower Bulbs and their culture*, this we supply entirely free with any order for bulbs amounting to \$2.00 if requested at the time of ordering, otherwise we send it for 25 cents, postpaid. Very valuable hints on all varieties in general cultivation are given in this book.

All Bulbs are sent by mail, postpaid, unless noted.

—(☉) AMARYLLIS. (☉)—

(SEE ALSO ZEPHYRANTHES AND CRINUMS.)

Belladonna Major.—(BELLADONNA LILY.)—This is an autumn blooming variety of great beauty and fragrance; color delicate white, flushed and tipped with rose. The spikes grow from two to three feet high, and bear from six to ten flowers. Each, 25c.; extra large bulbs, 75c.

Defiance.—A comparatively new sort, bearing from five to seven very large carmine flowers, striped and flaked with white. A remarkably strong grower and blooms repeatedly during the season. Each, 75c.

Equestre.—Broad petals of a soft salmon scarlet color, marked in the center with white bars which radiate from the white throat. A very handsome sort. Strong bulbs, each, 25c., 3 for 60c.

Formosissima.—(JACOBAN LILY.)—Handsome flowers of crooked velvety crimson color. Each, 15c.; 3 for 35c.

Graviana.—A very rare sort; flowers large and of a very rich brilliant red. Large bulbs, each, 75c.

Johnsoni.—The flowers of this magnificent variety are large and of fine crimson color, striped with white. Beautiful for pots and very showy on lawn or in garden, and one of the most graceful of Amaryllis for general culture. Large bulbs, each, 40c. 3 for \$1.00.

Vallotta Purpurea.—A beautiful pot plant, requiring similar treatment to the Gladiolus. It sends up a flower stem about 18 inches in height, bearing from four to eight handsome scarlet flowers. Very easy of cultivation. Each, 50c.; 3 for \$1.25.



Amaryllis Vittata.—(RED GROUND.)—Flower crimson with white markings. Each, 50c.; 3 for \$1.25.

—**Vittata.**—(WHITE GROUND.)—White, with stripes and markings of various shades. A beautiful variety. Each, 75c.

AGAPANTHUS UMBELLATUS.

(THE BLUE LILY OF THE NILE.)

These are noble ornaments on lawns in pots or tubs, on terraces or piazzas, or for the decoration of the house. Foliage luxuriant and graceful, flowers borne in clusters of 20 to 30, and measure fully a foot across. The flower stalks frequently attain a height of three feet. The flowers, which are bright blue, open in succession for a long period during summer and autumn. It is the easiest kind of a plant to grow and it does well in any kind of soil, any position and any receptacle. Each, 25c.; 3 for 65c., postpaid



AGAPANTHUS.

Agapanthus Silver Leaf.—(THE VARIEGATED AFRICAN LILY.)—With silver margined foliage. A fine decorative plant. Each, 60c.; 3 for \$1.50, postpaid.

APIOS TUBEROSA.

Also called Tuberous-Rooted Wistaria as is greatly resembles that well known vine. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a delicious violet fragrance. Is perfectly hardy. 2 for 10c.; 5 for 20c.; doz., 45c.

ALBUCA.

A new bulb in the style of Hyacinthus Candicans. The flowers, however, are entirely distinct, being star-like in form and varying in color from white to yellow. They are sure to please. Large bulbs, each, 25c., postpaid.

BESSERA ELEGANS.

The flower stems are from one to two feet high, supporting a dozen or more bell-shaped flowers of a bright coral scarlet, with white cups. Each, 7c.; 3 for 15c.; dozen, 60c.



APIOS TUBEROSA.



AMARYLLIS FORMOSISSIMA

A. BLANG

CENTRE MORICHES, N. Y.—Last spring I included in my order Collection No. 2 of Double Tuberous Rooted Begonias. The scarlet has been and is now truly gorgeous. My friends from the city go in ecstasies over it and several have taken your address so they may procure some of the same kind. F. M. LIVINGSTON.

BRISTOL, CONN.—The four Tuberous Begonias which I purchased of you some time ago have been very lovely. I have had visitors from far and near to see them. They are unexcelled. MRS. J. HUBBARD.



Tuberous BEGONIAS

For Bedding and Pot Plants are now classed among the handsomest of Summer-flowering Bulbs. The record of floriculture does not list a flower that has been so greatly increased in size, improved in form, and intensified in color as this. They bloom continuously throughout the summer, the flowers often exceeding six inches in diameter and out-rival in color the most brilliant and dazzling Geranium flowers; and from the time the first blossom appears until all growth is stopped by frost, they are never out of bloom and are borne in such profusion that the rich green foliage is almost hidden under the load of blossoms. For a bedding plant outdoors, or for pot culture in the house the Tuberous Rooted Begonia cannot fail to give satisfaction, even to the most inexperienced, as they require but little more attention than the Geranium. We have taken particular care in selecting the bulbs to have only the largest flowers of the richest and brightest colors.

We offer bulbs of the leading colors separate, at prices lower than ever before, owing to the large quantities imported by us, purchased from the leading Begonia specialists. By comparing our prices with those in other catalogues you will find them considerably lower. Please remember they are net and do not include any of the premiums or discounts mentioned in this catalogue. For 20c. extra we will include a copy of "Vaughan's Flower Bulbs and How to Grow Them" (regular price 25c.) giving full cultural directions for Begonias and all other bulbs, providing you order one of these collections.

BULBS, SINGLE MIXED, each, 12c.; 6 for 50c.; doz., 85c.; DOUBLE MIXED, each, 20c.; 6 for 90c.; doz., \$1 75.

Begonia Collection No. 1.—1 each, Single Begonia, white, pink, scarlet, yellow. Price, 4 bulbs, 40c., postpaid.

Begonia Collection No. 2.—1 each, Double Begonia, white, pink, scarlet, yellow. Price, 4 bulbs, 75c., postpaid.

Begonia Collection, No. 3.—1 each, Single and Double Begonia, white, pink, scarlet, yellow. Price, 8 bulbs, \$1.00., postpaid.

CALADIUMS or ELEPHANT'S EARS.

One of the most effective plants in cultivation for planting out upon the lawn; growing 5 feet high with handsome leaves often 3 feet long and 20 inches wide. It will grow in any good garden soil and is of easiest culture. Can be stored in dry sand in a warm place over winter.

Viola.—Very similar to the Esculentum, but more rapid in growth; dark green foliage with green stems. Each, 25c.; 3 for 60c.; doz., \$2.25. **Extra large bulbs, each, 50c.; 3 for \$1.25.; per doz., \$5.00.** For Fancy Leaf Caladiums see Plant Department.

ANTHOLYZA.

The flowers which are very stately and showy are borne in spikes like those of Gladiolus, from July to September. Excellent for bedding out, or for grouping in shrubberies. Not hardy in the northern states. Should be planted in the spring and dug up in the fall. Each, 6c.; 3 for 15c., postpaid.

SPOTTED LEAF CALLA.

(RICHARDIA ALBA MACULATA.)

This Calla resembles the White Calla, but it is of a somewhat smaller habit. The leaves are of a glossy deep green, with numerous white spots, making it very ornamental at all times, even when not in bloom. It makes a splendid plant for borders or beds. We have a large stock. Price, first size, dry roots, each, 15c.; 3 for 40c. Extra large, each, 25c.; 3 for 60c.

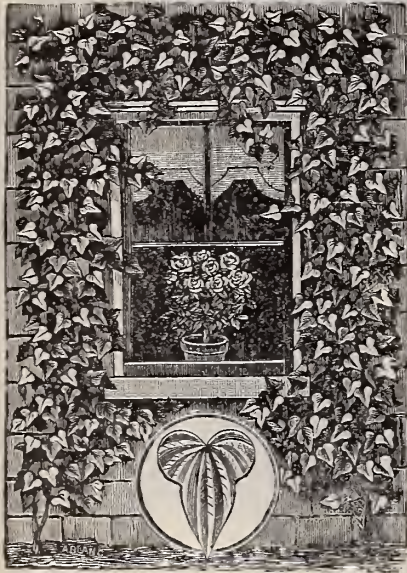
For Little Gem and other Callas see Plant Dept.

CINNAMON VINE.

A fine hardy climber and well known in some parts of the country as Chinese Yam. The tubers grow very large and are edible like a sweet potato. The vine is a beautiful rapid grower, producing sweet scented flowers. It is perfectly hardy, and when left in the same place for several years they become very straggling. Roots, each, 10c. 3 for 20c.; doz., 70c.



SINGLE TUBEROUS BEGONIA.



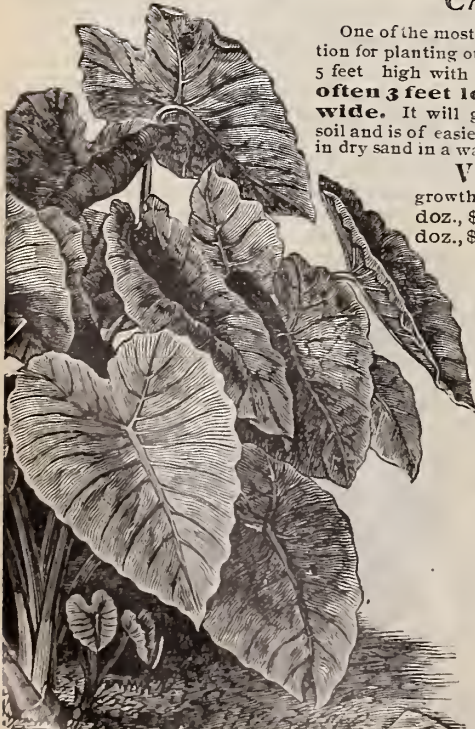
CINNAMON VINE.



ANTHOLYZA.



SPOTTED LEAF CALLA.



CALADIUM OR ELEPHANT'S EARS.

Chlidanthus Fragens.

Very ornamental half hardy bulbous plants introduced from Peru, South America. Unique in character, in that the leaves appear after the flowers. The large flowers which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Will no doubt prove a valuable addition to the favorites of the garden and greenhouse. Each, 15c.; 3 for 40c.

COOPERIA DRUMMONDII.

This is a member of the Amaryllis family, the bulbs being as large and as solid as a medium-sized onion and should be planted in the spring, either in the open ground or in pots (they do as well one way as the other), where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. In the fall the bulbs should be lifted and kept dry over winter, like Gladiolus. It is one of the earliest of all bulbs to grow, absolutely sure to bloom freely. Strong bulbs ready for immediate bloom, each, 10c.; 3 for 25c.

CRINUMS.

Americanum.—The pure white Crinum. The flowers of this stately sort are very fragrant. Strong flowering bulbs, each, 20c.; 3 for 50c.

Capense.—This half hardy Crinum produces several flower stalks covered with from ten to fifteen sweet-scented flowers of a bright rose color. Each, 25c.; 3 for 60c.

Kirkii.—This magnificent bulb, which often attain the size of 6 to 8 inches, produces flowers of the greatest beauty. Usually two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more enormous lily-like flowers of the greatest beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the center. A plant which always creates a sensation when it blooms, which it does with the greatest freedom.

Price, monster bulbs, about 12 inches in circumference, each, \$2.00. First size bulbs, each, \$1.00. Second sized bulbs, each, 50c.

Ornatum.—This showy Amaryllis bears upon a central flower stalk six or ten fragrant pink and white blossoms. With a little extra care it can be made to bloom twice a year. Fine strong bulbs, each, 75c.

CYCLAMEN.

Although this beautiful plant is not hardy in our climate and must be grown in the house, still as a winter flowering plant there are few that surpass it. Plant in light, rich soil and water sparingly until well started, when it can be treated like other house plants. Giant White, Crimson or White and Carmine, each, 20c.; one each of the 3 for 50c.; Giant flowered mixed, each, 15c.; 3 for 40c.

CYCLOBOTHRA FLAVA.

Flowers golden yellow, with fine black dots on the inside of the petals, flowers bell shape. Each, 10c.; 3 for 20c.; 10 for 60c.

CYPELLA HERBERTI.

A very beautiful and little known species of summer flowering bulbs, suitable also for house culture. The flowers are bright orange-yellow, with purple stripes and spots, appearing all summer. A very elegant and free blooming plant. Height, 1 foot. Each, 15c.; 3 for 40c.; doz., \$1.25.

GLOXINIA.

One of the most charming of all pot plants. Their magnificent trumpet shaped flowers are exquisitely tinted, blotched or "tigered" with minute dots of violet, pink or crimson. Plant in light soil and water very sparingly until growth begins. A slight depression in the bulb indicates the top, and care must be taken to plant it in the correct position. After blooming, gradually withhold the water until the leaves die away, dry the bulbs and store them in a dry place. Our bulbs are the pick of the finest European straits.

Finest mixed Bulbs, each, 20c.; 3 for 50c.; per doz., \$2.00.

HYACINTHUS CANDICANS.

(The Cape Hyacinth.)—Where stately plants are wanted for the center of beds, for grouping among lower growing varieties or side beds along walls or fences, it is very useful. It can be used with excellent effect in the center of a bed of scarlet Gladiolus, as it comes into bloom about the same time. The flowers are bell-shaped and pendulous, pure white in color, and somewhat fragrant. The plant is hardy and grows stronger each year. Each, 10c.; 3 for 20c.; per dozen, 75c.; per hundred, by Express only, \$2.50.



LARGE FLOWERING GLOXINIA.

HARDY MOON FLOWER.

IPOMOEA PANDURATA.

This white Moonflower differs from all others, as it has a tuberous root resembling a Dahlia, which is perfectly hardy, living in the ground and increasing from year to year. The beautiful dark green foliage is so dense as to form a perfect screen, covering the vine completely from base to summit. Flowers 4 to 5 inches in diameter. They are pure satiny white with purple throat, and produced in the greatest profusion; open day and night from June to October. A strong plant will give more than one hundred beautiful flowers daily for months at a time, well distributed over the plant, forming a grand display. Each, 15c.; 3 for 40c.; per dozen, \$1.50.



GIANT FLOWERED CYCLAMEN.

LILY OF THE VALLEY.

For Winter or Spring Blooming.

The beautiful green leaves and sprays of lovely white, sweet-scented blossoms render it one of the most useful and universally admired plants that the floral world affords. It succeeds outside in almost any situation, but prefers one with shade and plenty of moisture. When once planted and established, the crowns increase in number and the larger ones flower each year without any attention. These dormant roots can be potted at any time; put six pips in a four-inch pot, place in a cool situation until wanted for blooming, then bring them out to the light and warmth and give plenty of water.

Pure White.—Each, 4c.; 3 for 10c.; doz., 30c.; per hundred, \$2.00.

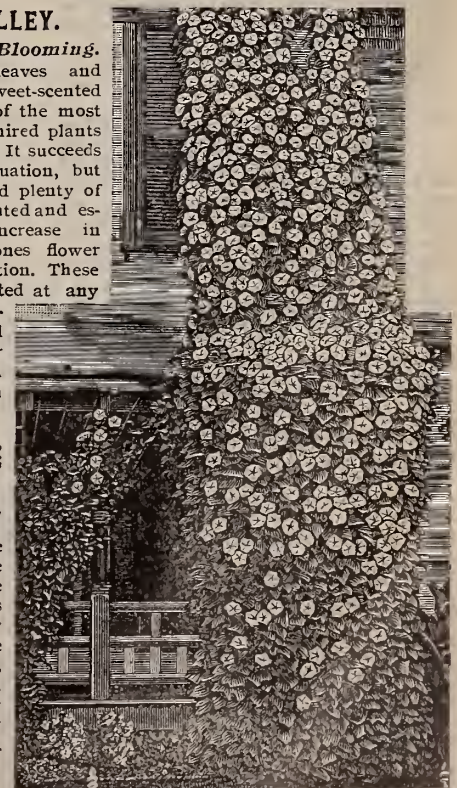
Lily of the Valley

Clumps.—For immediate effect these are much more preferable to the single crowns or pips. Our clumps are extra large and heavy and up to 20 blossoms may be expected from each. Price, each, 40c.; postpaid.

Sodus, Mich.--Am well satisfied with the plants, which were even better than I expected.

R. M. Buckman.

Perry City, N. Y. -- The Plants I ordered came and gave much satisfaction. They are as nice or nicer than any I ever had from any other firm and I am greatly pleased with them. Maggie M. Shaw.



HARDY MOONFLOWER, (Ipomoea Pandurata.)



CHLIDANTHUS FRAGENS.

The petals are broad and pure white, with a deep reddish purple stripe through the center. A plant which always creates a sensation when it blooms, which it does with the greatest freedom.

Price, monster bulbs, about 12 inches in circumference, each, \$2.00. First size bulbs, each, \$1.00. Second sized bulbs, each, 50c.

Ornatum.—This showy Amaryllis bears upon a central flower stalk six or ten fragrant pink and white blossoms. With a little extra care it can be made to bloom twice a year. Fine strong bulbs, each, 75c.



LILY OF THE VALLEY



The Gladiolus deserves a place in every garden, large or small, having the advantage of needing little room for its roots or growth and being of easiest possible culture. It has neither insect enemies nor diseases and needs no netting. The immense spikes of gorgeous bloom comprise in color, all shades from white to deepest scarlet, purple and yellow. They make grand beds and are especially useful to fill in among other bedding plants where occasional vacant places appear as the bulbs can be planted any time during spring and early summer. Through successive plantings, flowers may be had the entire season. They are unequalled for house decoration, since the spikes may be cut when but partly in bloom and kept in water, lasting for a week or more, every bud expanding into a perfect flower. Our COLLECTIONS are of extra good value for the money. We think it will be conceded these are genuine bargains.

GENERAL LIST OF NAMED GLADIOLI.

	EACH		EACH		EACH
Addison , dark amaranth with white stripes	\$.07	Eugene Ramey , large flowers, purplish amaranth with lilac; edges slightly mottled with slate; a very distinct sort.....	12	Napoleon III , bright scarlet, center of petals striped white. Doz., 40c.....	05
African , an entirely distinct novel color slaty-brown on scarlet ground, streaked with scarlet and pure white.....	12	Eugene Scribe , flowers large, wide, rose blazed with carmine; one of the best.....	06	Nereide , mother of pearl rose, suffused with lilac, blotched violet.....	45
Amalthee , velvety violet and white, large violet red blotch.....	08	Fatma , large; ivory-white, striped rosy salmon, violet blotched.....	15	Norma , white, sometimes tinted lilac.....	25
Angele , large showy white flowers.....	08	Felician David , cherry; light carmine feathered, white blotch.....	10	Octoroon , delicate buff tinged rosy salmon, lemon blotch on lower petal.....	1
Archduchess Marie Christine , white, slightly tinged with lilac, flamed rosy carmine; large flowers of excellent form.....	12	Feu Follet , ivory-white throat, petals richly striped and tinted with carmine.....	17	Pactole , beautiful yellow, tinged rose at edges of petals; blotch darker.....	12
Arsinoe , fine satin rose, flamed carmine.....	08	Flamboyant , large flowers of fiery scarlet	10	Penelope , bluish white, lower petals tinged yellow, streaked carmine.....	10
Astree , white with velvet blotch; throat suffused lilac.....	12	Isaac Buchanan , fine yellow; doz., soc.	06	Pepita , bright golden yellow flowers; free-blooming; superb.....	15
Baroness Burdette Coutts , delicate lilac, tinged with rose, flamed rose purple; spike long and flowers unusually large.....	25	John Bull , white, slightly tinged with sulphur. Doz., 65c.....	08	Phebus , brilliant red, large white blotch.....	18
Brenchleyensis , bright scarlet; doz., 50c.	05	La Candeur , white, slightly striped with carmine violet.....	13	Princess of Wales , white and carmine.	03
Carnation , well expauded flowers of a fleshy white color, edges richest carmine; lower edges blotched crimson.....	15	Lamarck , long spike, orange and cherry, large white stain.....	12	Reine Blanche , white, crimson blotch.....	12
Ceres , pure white, blotched with purplish rose. Doz., 50c.....	05	Leander , flowers lilac, shading off to carmine; distinct white band and white blotch..	15	Romulus , extra early, dark red, lined and blotched with white. Doz., 65c.....	08
Cervantes , flowers very large, bright rose color, tinted lilac and marked with carmine; pure white band on each petal.....	18	Leord Poussin , light red, white blotch.....	12	Saundersoni , orange scarlet; petals glisten and sparkle like crystal.....	20
Chameleon , slaty lilac flowers, flamed orange with white bands down the center of each petal; large creamy white blotches.	15	Lord Byron , bright scarlet, blotch white.	10	Shakespeare , flowers very early; bulb extra large, producing a very large flower spike; color nearly white, tinted with carmine rose, with a rosy blotch on lower petals: one of the best. Price, extra bulbs, each, 15c.; 6 for 75c., by express, 12 for \$1.25; 25 for \$2.25.	15
Ciceron , large open flowers, fine rose;	12	Mme. de Vetry , white, carmine blotch	12	Van Dyck , crimson amaranth striped white	15
Cleopatra , lilac shaded violet, purple blotch	10	Mad. Moneret , delicate rose with white stripe in center of each petal; carmine blotch on salmon ground. Doz., 40c.....	05	Virginalis , pure white, bordered and flamed with carmine; grand.....	15
Diamant , early; flesh white, throat ivory white, blotched carmine.....	15	Marie Dumortier , white, slightly streaked rose, violet purple blotch.....	07	Victor Jacquemont , bright orange flowers, profusely flamed with scarlet. Ground violet, streaked with pure white.....	40
		Meyerbeer , brilliant scarlet, flamed vermilion, red blotch.....	20		
		Mr. Bains , orange carmine, carmine stripe on the lower petal. Extremely fine.....	25		

Varieties priced at 10c. each are \$1.00 per doz. Those at 15c. each, are \$1.50 per dozen.

BARGAIN COLLECTIONS OF NAMED GLADIOLUS

GLADIOLUS COLLECTION, A.

5 bulbs (all labeled) and 1 pkt. of seed for 25c.
Lord Byron. Grand scarlet.
Eugene Scribe. Carmine rose.
Isaac Buchanan. Splendid yellow.
Ceres. Rosy white.
Lemoine Hybrid. Distinct blotched.
 And One Pkt. Gladiolus Seed free, saved from choicest light colored mixtures.

BROOKHAVEN MISS. I have planted a great variety of your seeds and bulbs for three years, and they have given perfect satisfaction and excellent results every year. The greatest surprise to me was in your Gladioli and Pansies. I must say they are the grandest I ever saw. When in bloom they were the admiration of all.
 J. E. SEAVEY.

GLADIOLUS COLLECTION, B.

10 bulbs (all labeled) for 50c., postpaid.
Angele. Soft mother of pearl color.
Ceres. Pure white spotted with rose.
Feu Follet. Large white striped rosy salmon.
Isaac Buchanan. Fine Yellow.
John Bull. A first-class white.
M. Domortier. White, slightly streaked rose.
Brenchleyensis. Bright scarlet
Madam Moneret. Delicate rose with white stripe.
Sylphide. White with large purple carmine blotch.
Stella. White tinged with yellow and rose.

Your Seedling Mixed Gladioli contained some magnificent varieties.
 H. F. HOUSE.

GLADIOLUS COLLECTION, C.

10 Bulbs (all labeled) for 75c., postpaid.
Shakespeare. White, very slightly streaked with carmine rose; large rosy blotch. Very large.
Norma. White, sometimes tinted lilac.
Romulus. Extra early; dark red; blotched white.
Felician David. Cherry, light carmine feathered.
Reine Blanche. Pure white, crimson blotch.
La Candeur. White, lightly striped carmine.
Diamant. Extra large fleshy white. Throat ivory white, blotched and streaked carmine.
Napoleon III. Bright scarlet, center white.
Amalthee. Velvety violet and white, violet blotch.
Van Spandonk. Fiery red; splendid.

RARE GLADIOLI.

Leonard Kelway. Quite different from other hybrids;—new in form and color. This variety is justly creating a large amount of sensation and interest, as it is of a tint quite novel in varieties of the Gandavensis, suggesting that other blood is intermixed. The color is rich ruby crimson with a beautiful glow shining through the main color; a slight white line is also perceptible. The flowers are of the finest form, stout, with a velvet-like texture. Award of Merit, Royal Horticultural Society, 1890. Each, 75c.; 3 for \$ 2.00.

The Queen.—A new seedling originated by Mr. Kurtzweil, of Iowa, a Gladiolus grower of long experience. He has selected and increased this one single flower out of thousands of bulbs which he has grown from seed and discarded as not worthy a name. The flowers are large, the ground color of the petals a pearly white, which is striped with a rich carmine, shaded and blotched and marbled with rosy purple. The flower is of great substance, rich and velvety. The plant is a strong grower with a stout flower stalk, about 3 feet high and remarkably filled out with blooms on all sides. Price, each, 25c.; 3 for 60c.

Wm. Falconer. (Childsi.)—Light pink and blush, two delicate shades freely mottled and intermixed. Flowers of very large size. Each, 75c.

Columbia. (Childsi.)—Light orange scarlet; freely blotched and penciled with bluish purple. Throat freely marked, spotted with white and violet. Each, 75c.

Henry Gilman. (Childsi.)—Deep salmon scarlet with pure white bands through each petal, the throat showing a peculiar spotting and mottling. Each, 75c.

Mr. Gladstone.—Scarlet crimson with a light center. One of the finest new additions to this grand class of flowers. Awarded a first-class certificate at Crystal Palace, London Each, 50c.

Trojan.—Mauve, white center, rose markings. First-class certificate, Manchester. Each, 50c.

Snow White.—The best white Gladiolus in cultivation. Nearly the entire flower is a perfect paper white with a slight cream shade on half of flower petal. Ea., 25c

SPECIAL OFFER:—The above 8 Rare Gladiolus (all labeled), \$3.35 postpaid.

LEMOINE GLADIOLI.

A very beautiful class. Remarkable for peculiar blotch on lower petals, and their vivid colors.

Andre Chenire.—Salmon, bordered with yellow. Each, 40c.

Froebeli.—Flesh color, carmine blotch; bordered yellow. Each, 10c.

Lemoinei.—Upper petals are creamy white; lower petals spotted with purplish crimson, bordered yellow and salmon red. Each, 10c.

Engesseri.—Deep pink, lower petals blotched maroon. Each, 10c.

Lafayette.—Flowers large; salmon, blotched crimson. Each, 10c.

Marie Lemoine.—Fine open flowers; creamy flushed salmon lilac; lower petals marked violet and yellow. Each, 6c.

Meissonier.—Large flowers; carmine rose, lower petals spotted carmine, shaded yellow. Each, 30c.

Talma.—Pale lilac; lower petals violet brown. Each, 30c.

GLADIOLUS NANCEIANUS.

This new race of Gladiolus is entirely distinct in form, color and constitution from all others. The individual flowers are immense, larger than any Gladioli now in cultivation, while the colors are most brilliant, exceedingly varied, very showy, and attract much attention. We can furnish the following named sorts:

P. Duchartre.—Extra large, rich scarlet; flamed with carmine and marbled with creamy white.

Maurice de Vilmorin.—A most curious shade of violet, shaded white.

De Candville.—A light shade of red, flaked all over with a deeper shade of orange red.

Rosamonde.—Extra large, rosy salmon flaked with fiery red.

M. Lefebvre.—Of enormous size; color light scarlet, distinctly veined with carmine with blotches of creamy yellow.

Rubeus.—Large, carmine tinted orange, lower petals blotched with fiery red on straw-yellow ground.

Price, any of above, 45c. each; any 3 for \$1.20, any 6 for \$2.25.

GLADIOLUS CHILDSI.

This new class of Hybrid Gladioli is undoubtedly the most important and valuable introduction into bulbous plants for many years. They are a distinct mammoth race, much stronger and more vigorous than any others—their stiff stems often standing 4 to 5 feet high with flower stalks two feet in length. They bloom freely, many plants producing 3 to 5 spikes of bloom. The flowers are of great substance and of exceptional large size, frequently 6 or 7 inches across, and the bud so expansive that the face of the flower is seen to the best advantage. In most varieties the petals have the sparkling, crystalline appearance peculiar to Saundersoni, a remarkable beautiful characteristic. They also contain a number of exquisitely beautiful shades practically new in the Gladioli, particularly blues, smoky grays and purple blacks, with mottled, spotted throats, white, crimson, pink and yellow. In fact even Orchid flowers cannot surpass them in various shades, markings and blendings.

Gladiolus Childsi, mixed, as above, all colors, each, 30c.; 3 for 70c.; doz., \$2.50.

GLADIOLUS IN COLORS.

These mixtures will be found to contain flowers equal to finest named kinds and a great range of shades, colors and markings. In assorted dozens you may rely on nearly every bulb to produce a different flower. The SCARLETS include many shades of red and variations. This is also the case with the



GLADIOLUS BULB.

WHITES, which vary to light pink and lemon tinted.

	EACH	DOZ.	25
Vaughan's Mixture of Reds and Scarlets.....	\$.04	\$.30	\$.50
Vaughan's White Mixture.....	.05	.50	.90
Vaughan's Pink Mixture.....	.05	.45	.85

	EACH	DOZ.	25
Vaughan's Yellow Mixture.....	\$.06	\$.50	\$.90
Vaughan's Salmon Mixture.....	.05	.50	.90
Vaughan's Striped Mixture.....	.05	.45	.85

Vaughan's Columbian Mixture: Composed of equal parts of the above, it contains a greater variety of the finest colors than any other. Price, doz., postpaid, 60c.; by express, not prepaid, 50 for \$1.70; 100, \$3.25; 250 for \$6.50

AUTUMN BULBS AND PLANTS.

—Extend the season of flowers through the dreary months of frost and snow and maintain the blossoms and foliage of June amid the frosts of December. This miniature summer, made constant by these winter flowering bulbs is, from its very contrast one of the most attractive possibilities among all the pleasures of gardening. Nature has stored away in these bulbous, dormant plants flowers very brilliant in coloring and sweet in perfume, and few even of the hardiest summer flowers give such grand and bountiful results for the attention bestowed. We are importers of these bulbs in very large quantities for our florists' wholesale trade as well as our mail business. Our storage warehouse in New York is especially adapted to the handling and care of this stock, enabling us to ship our Chicago stock in Car load lots.

Our autumn edition of GARDENING ILLUSTRATED is ready by September 10th. We can mail you our 1893 book at any time and enter your order from it for delivery in the fall of 1894, to be sent as soon as the bulbs arrive. We allow a discount of 5 per cent. on all orders for Autumn Bulbs received before Aug. 15.



GLADIOLUS CHILDSI.

Comte H. de Choiseul.—Flowers six inches across; color brilliant scarlet flamed with carmine, tipped with creamy yellow.

M. Hardy.—Purple, flamed with carmine and spotted crimson on creamy yellow ground.

LILIAM AURATUM

J. C. VAUGHAN.
CHICAGO AND NEW YORK

LILIES.

Prices on this page include postage.

AURATUM. (THE GOLD-BANDED LILY OF JAPAN.)

This is the highest type of flowering bulbous plants. The most beautiful and fragrant of all our list. There is a wonderful beauty in the growth of this gorgeous flower; first the dry scaly bulb, then the sturdy stalk pushing through the earth, next the deep green leaves and flower buds, and finally the dazzling white and gold blossom. This noble lily when first introduced into this country, but a score of years since, sold at five dollars each, now can be had for a trifle. The new bulbs are brought from Japan for us each year and only such will give best results. They are shipped to us wrapped in a ball of clay and arrive plump and sound. Fine Bulbs, each, 30c.; 3 for 75c.; per dozen, \$3.00.

Auratum Rubrum Vittatum.—A rare species recently imported from Japan; very large flowers with crimson spots and a broad crimson band on each petal. Large Bulbs, each, \$1.25.

Batemani.—Flowers rich apricot color. Each, 25c.; 3 for 60c.

Brownii.—A very large, handsome variety; flower is a spreading trumpet, purple outside, creamy white inside, with stamens of rich chocolate color; very fine. We offer at the very low price of each, 40c.; 3 for \$1.00.

Canadense.—This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped yellow and red flowers. Each, 10c.; 3 for 25c.

Candidum.—(White Easter Lily.) Arrives and should be planted in the fall.

Columbianum.—Flowers bright, reddish orange, with purple dots. See our Fall Catalogue for price. Each, 25c.; 3 for 60c.; per dozen, \$2.00.

Elegans, or Thunbergianum.—Early flowering, ranging in height from fourteen inches to four feet; flowers cup-shaped, borne upright, and of a great variety of colors. They are very effective planted either in lines or clumps, and include many showy sorts. Mixed bulbs, each, 15c.; 3 for 40c.; per doz., \$1.25.

Elegans Aureum Maculatum.—This charming little Lily only grows about 12 inches in height. It produces upright flowers of most delicate light apricot yellow spotted with black. Should be in every garden. Each, 20c.; 3 for 50c.; per dozen, \$2.00.

Excelsum.—This stately and beautiful variety, which is becoming more popular every season, grows from five to six feet in height and bears from six to twelve fragrant nodding flowers of a delicate buff color. Each, 50c.; 3 for \$1.35.

Harrisii.—(Bermuda Easter Lily.) We offer these only about August; for fall and winter bloom.

Martagon (Turk's Cap).—Drooping Lilies, with deeply curved petals, spotted purple; mixed. Each, 15c.; 3 for 40c.; per dozen, \$1.50.

Pardalinum.—A rich yellow and scarlet, spotted with purple. Each, 25c.; 3 for 60c.

Superbum.—The finest of the native Lilies; flowers bright orange-red, thickly spotted with purple. Each, 10c.; 3 for 25c.; per dozen, \$1.00.

TENUIFOLIUM.

(THE CORAL LILY OF SIBERIA.)

A very showy and graceful lily from Siberia, which is extensively grown not only on account of its hardiness, its beautiful and brilliant flowers, but also from the ease with which it is cultivated. It is of a rather dwarfish habit, the slender stem only reaching the height of about 18 inches and bearing pretty drooping flowers of a most brilliant shade of red. Each, 30c.; 4 for \$1.00.

Tigrinum (Single Tiger Lily).—Very hardy. Each, 10c.; 3 for 25c.; per dozen, \$1.00.

Tigrinum Flore Pleno.—(Double Tiger Lily).—Each, 15c.; 3 for 40c.; per dozen, \$1.50.

Umbellatum.—A very fine sort, blooming in June and July with large flowers of the brightest colors. Very robust grower, producing an enormous head of bloom. Colors range from black red to all shades of rose, crimson and yellow. Fine bulbs in splendid mixture, each, 15c.; 3 for 40c.; per dozen, \$1.50.

Wallacei.—Clear buff flowers, spotted with black. A very distinct and handsome Japanese variety; free flowering; a strong bulb, bearing several flower-stalks, each, 20c.; 3 for 50c.; per dozen, \$1.75.

Washingtonianum.—A most beautiful sort, growing from 3 to 5 ft. high, and bearing fine flowers of white tinged with purple. It is also very fragrant. One of the best Californian Lilies. Each, 35c.; 3 for 90c.; doz., \$3.50.



SPECIOSUM OR JAPAN LILIES.

THE FOUR KINDS FOLLOWING belong to the Speciosum

Section, the most desirable of all for general cultivation. The varieties are distinct, graceful, beautiful and free-blooming. They are hardy, needing very little protection, and will grow and flower without any special treatment.

Album.—This is a pure white and fragrant variety, with beautifully recurved petals. A very fine sort. Each, 35c.; 3 for 90c.; per dozen, \$3.50.

Album Præcox.—A lovely, pure white Lily, with petals reflexed and slightly tinted pink at the tips; center of the flower is embellished with a fine long fringe. It is perfectly hardy, and altogether one of the finest of the white varieties. Each, 35c.; 3 for 90c.; per dozen, \$3.50.

Rubrum.—(Shown in the engraving.) White ground, with band and spots of rose or crimson on each petal. One of the best Lilies. We have a splendid stock of this very hardy and beautiful kind, which have flowered this last season on our grounds at Western Springs. Each, 20c.; 3 for 50c.; per dozen, \$2.00.

Monstrum Rubrum.—Distinct variety, with broad, flat stems, and of color similar to the preceding. Free-blooming. Each, 20c.; 3 for 50c.; per dozen, \$2.00.

LILIAM SPECIOSUM "OPAL."

An entirely new variety; flower as large as *Lilium Rubrum*. Color, a pearly white, delicately shadowed with a soft pink blush, and freely spotted with dots of a deep rosy scarlet, which stands out on the surface of the petals like gems. The delicate frost-work on the inside of the petals is very pronounced and sparkling, and at the base of each deepens in color. The most beautiful Lily introduced since the "Auratum," and as hardy and permanent as "Rubrum" or "Album." Extra large bulbs, \$2.00 each. We will give free six months' subscription to "Gardening," the new paper, with every order for one of these magnificent bulbs.

WATER LILIES.

We offer several very beautiful and distinct varieties of these now very popular plants. See Special Page.

CHINESE SACRED LILY.

(NARCISUS.)

Flowers pure white, with yellow cup and very fragrant. It grows with astonishing rapidity. We do not consider safe to plant for winter flowering after February 1st. October to January is the best time to get them. Each, 25c.; 3 for 60c.; 5 for \$1.00, prepaid.



LILIAM RUBRUM.

To make these beautiful plants more popular, we offer the following VERY CHEAP

LILY COLLECTIONS.

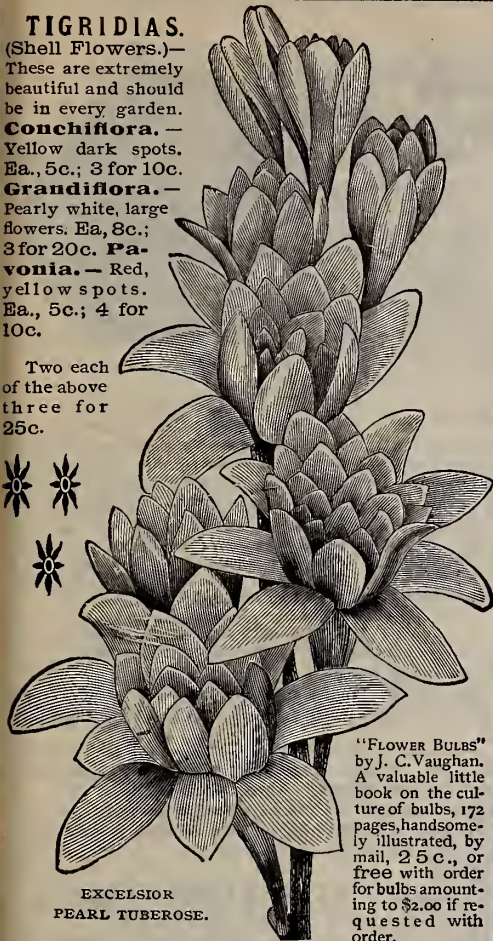
LILY COLLECTION No. 1—12 Hardest kinds, Our Selection, postpaid, for.....\$2.00
LILY COLLECTION No. 2—20 best in above list, including nearly all, postpaid for.....\$4.00

WALLACE'S NOTES ON LILIES.—An interesting and valuable book on Lilies, illustrated. Cloth (215 pages), \$2.25.

TIGRIDIAS.

(Shell Flowers.)—These are extremely beautiful and should be in every garden.
Conchiflora.—Yellow dark spots. Ea., 5c.; 3 for 10c.
Grandiflora.—Pearly white, large flowers. Ea., 8c.; 3 for 20c.
Pavonia.—Red, yellow spots. Ea., 5c.; 4 for 10c.

Two each of the above three for 25c.



EXCELSIOR PEARL TUBEROSE.

"FLOWER BULBS" by J. C. Vaughan. A valuable little book on the culture of bulbs, 172 pages, handsomely illustrated, by mail, 25c., or free with order for bulbs amounting to \$2.00 if requested with order.

TUBEROSES.

Our crop of Tuberose Bulbs this season exceeds 600,000. We reserve for our retail trade a splendid stock of well cured large sized bulbs and those who purchase our Mammoth Bulbs will find them unusually large and fine. Our other grades will all be found of good blooming quality, and we claim to be in a better position than any other large firm in America to supply all varieties of this popular flower and high grade bulbs.

Excelsior Pearl Tuberose.—Spike 2 to 3 feet high, crowded with large double flowers.
Mammoth Bulbs, especially selected for our retail trade; by mail, each, 10c.; 3 for 20c.; per doz., 75c.; by express at purchaser's expense, each, 7c.; 3 for 15c.; doz., 60c.
First Size Bulbs, by mail, 3 for 15c.; per doz., 50c.; by express, at purchaser's expense, doz., 15c.; per 100, \$2.00.
Second Size Bulbs, all flowering, by mail, 6 for 15c.; doz., 30c.
Tall Double.—Flower spike 3 1/2 to 5 feet high; fine open flowers; free blooming. First size, postpaid, 3 for 15c.; doz., 50c.; not prepaid, doz., 35c.; per 100, \$2.00. Second size, 6 for 15c.; per doz., 30c.; not prepaid, per doz., 20c.; per 100, \$1.25.
VARIEGATED LEAVED, this is an early single kind, with striped foliage; flowers not equal to the double ones. Prepaid, each, 10c.; 3 for 25c.; doz., \$1.00.
Single, sometimes called Orange-Flowered. Bloom very early and are exceedingly graceful and pretty. Prepaid, each, 8c.; 3 for 20c.; per doz., 60c.
Tuberose Albino. (New Single Flowered.)—Flowers single, star shaped, recurving gracefully and of purest white inside and out; a large flower spike often branched, when not so, two or more flower stalks often grown out of a single bulb. It has much merit. Price, each, 10c.; 3 for 25c.; 7 for 50c.



ALBINO TUBEROSE

FLOWER BULBS.

MADEIRA VINE.

The Madeira Vine is a popular and favorite tuberous-rooted climber of rapid growth with dense and beautiful foliage, twining to a great height. It grows anywhere, but does best in a warm sheltered sunny location. It is also a very pretty plant for training around the windows in the house. Tubers, each, 5c.; per doz., 50c., postpd.

MILLA BIFLORA.

One of the most desirable flowers on account of its large pure waxy-white flowers, which are borne in clusters of two to three on a flower stalk twelve inches high. The flowers will keep for a week after cutting. Each, 10c.; 3 for 20c.; doz., 60c.

MONTBRETIA Crocosmiflora.—Showy flowers on spikes twelve to twenty-four inches long; bright orange, dotted purple. Each, 10c.; doz., 75c.

SUMMER FLOWERING OXALIS.

These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of elegant foliage and showy flowers. Dieppi, pure white; Lasandria, fine rose pink. Either sort, per doz., 10c.; 25 for 25c.; 100 for 50c., postpaid.



TIGRIDIAS.



SUMMER-FLOWERING OXALIS.

NERINE.

Japonica. (The true Japanese Spider Lily.) A most desirable sort. A clump of bulbs produces a large number of spikes of the most delicate flowers, varying in their colors from pinkish salmon to pink, vermilion and scarlet, the petals being beautifully undulated, and by artificial light sparkling like jewels; an ornament, indeed, for the finest parlor. Large bulbs sure to bloom. Each, 35c.; 3 for 75c.; doz., \$2.50.

Fothergilli Major.—Nothing in the way of color can surpass the splendor of this flower, its texture being so extremely delicate. Color, vivid scarlet. The most floriferous of the Nernes. Each, \$1.00.

Sarniensis, (The Guernsey Lily.) As pot plants nothing can be more beautiful, and if a few bulbs of Oxalis be planted around the bulb, a thing of beauty will be had forever. Flowers, flesh to salmon. They are graceful in form as well as fine in coloring. Each, 25c.; 3 for 60c.

PANCRATIUM CARIBBEUM.

(White Spider Lily.)

A grand Lily, delightfully fragrant, bearing a profusion of waxy-like flowers. If planted early in spring, will bloom early in summer. The beautiful wax flowers have a peculiar formation, are very attractive and exceedingly fragrant. Large bulbs, each, 20c.; second size bulbs, each, 15c.; 3 for 40c.

TUBEROSE COLLECTION.—4 Mammoth Pearl, 2 Tall Double, 1 Variegated Leaved, 1 Single, 1 Albino, new. All postpaid for 50c.

ZEPHYRANTHES OR ATAMASCO LILIES.

Andersoni.—A most charming variety, flowers of a coppery color, shading to red. Ea., 10c.; 12 for 60c.

Atamasco.—White suffused with flesh color hardy. Each, 5c.; 3 for 10c.; doz., 30c.

Rosea.—Beautiful large rose colored flowers about three inches across. Each, 5c.; 3 for 10c.; doz., 35c.

Treatea.—(Fairy Lily of the South.) Fragrant, pure white flowers. Each, 5c.; 3 for 10c.; doz., 40c.

Candida.—(Peruvian Swamp Lily.) Pretty little white windflower. Each, 5c.; 3 for 10c.; doz., 35c.

Sulphurea.—A color heretofore unknown among these bulbs; and therefore it will be extensively grown; it is entirely new and yet quite inexpensive; superb flowers. Each, 25c.

Best treatise on Bulbs, free, on orders of \$2.00 or over.



ATAMASCO LILIES.



ALL plants here quoted will be supplied DIRECT FROM OUR GREENHOUSES AT WESTERN SPRINGS, ILL., which have again been extended and shipping facilities enlarged. Unless otherwise stated, all plants are forwarded by mail, postpaid. Stock which is unavailable, and plants ordered by express, go at buyer's expense. Express rates on plants have been reduced 20 per cent.

We guarantee the safe arrival, in good condition, of all plants shipped by mail or express. Plant orders need careful and expensive packing, and our friends will please make their wants for such amount to at least 50 cents.

We can always supply larger and stronger plants when ordered by express, and will add some extras to partly cover transportation charges.

Greenhouse Department.

IN THIS department, alphabetically arranged, we include all plants ordinarily grown under glass, as well as bulbs, tubers and vines, which cannot safely be kept dry or dormant. The general arrangement of the Plant Departments of this catalogue is as follows: All Bulbs and Dormant Tubers under the head "Bulb Department;" all Tender Plants grown or kept under glass under "Greenhouse Department;" all Dormant Plants, Vines and Shrubs in a department of that name. See Index in the back of this catalogue for further information.

IT MAY occasionally happen when seeds and plants are ordered together, that seeds will be sent immediately and plants a day or two later, direct from our greenhouses at Western Springs, Ill., fifteen miles from Chicago, therefore, please do not be impatient if such be the case, preventing as it does delay on seed orders and securing the shipment of plants in best condition.

When ordering in this department please mark on order sheet about the date when you would like plants sent, otherwise we ship as quickly as possible.

We send out fine, strong, healthy plants, grown in pots, not simply rooted cuttings; some are even in bloom when packed, and the majority will soon come into bloom.

.. Please read these .. notes carefully.

With this catalogue is a special PLANT ORDER SHEET. Please use it or a separate one of your own for your plant order. Write for more Plant Order Blanks when needed. PRICES NAMED include PREPAYMENT BY MAIL, except where otherwise stated. Positively we not fill any greenhouse plant order for less than 50 cts. unless 10 cts. is added for postage. If not, the order will be reduced to cover the 10 cents.

ABUTILON, (Fairy Bells.)

Blue Bells.—Large, purple red overlaid with a blue tinge. Each, 15c.

Eclipse.—A distinct trailing sort, large green leaves, marbled with white and yellow; yellow flowers with crimson throat. Each, 15c.

Golden Bell.—A bright yellow; strong, vigorous free bloomer. Each, 15c.

Thompsoni.—Flowers double, deep orange; covered with flowers the entire season. Each, 15c.

Special Abutilon Offer: One each of the above four kinds for 50c.

ACACIA.

White Opoponac.—The famous Perfume plant. The leaves are arranged on the stem in about six to twelve pairs, much resembling the well-known Sensitive Plant. At the base of every leaf stem is produced a whorl of a dozen or more beautiful white blooms, which look like balls of down, and which hang on for months. The top of the leaf is a glossy bronze green, the lower downy. Blooms when a few inches in height; thrives in the living room making the whole house fragrant. Each, 25c.

AGERATUM.—Favorite plants suited for either window or garden culture, blooming continuously in summer and winter. **Dwarf Blue, Dwarf White.** Each, 10c.; 3 for 25c.



ACALYPHA.

ACALYPHA. A NEW BEDDING PLANT.

Popularly known as *Shrubby Coleus*. Richer in color and on account of its vigorous habit stands the sun perfectly well. Much used in the Parks and Public Gardens at Washington, D. C., and in other large Parks last summer, always attracting attention. The foliage resembles the Autumn Maple leaves in shape and color. Each, 15c.; doz., \$1.65; 25 for \$3.00, postpaid.

ALLAMANDA Hendersoni.—A grand climber for the window garden or conservatory. Flowers bright golden yellow borne in clusters. Hardy in the South and on the Pacific Coast. Each, 25c.

ALYSSUM, Double Sweet.—Very desirable for borders and always in bloom. Nothing finer for bouquets. Each, 10c.; 3 for 25c.; doz., \$1.00. By express, 50 for \$2.75.

ANTHEMIS Coronaria Fl. Pl.—Useful plant for bedding or pot culture, of low growth, bearing double yellow flowers which resemble the old double white Feverfew. Each, 20c.; doz., \$2.00.



AZALEA.

LEMON VERBENA, Aloysia Citriodora.

This delightful and fragrant plant is undoubtedly known to everyone of our customers. It is equally desirable for the window, or for the outdoor garden. Good plants are always in demand and very scarce. We have propagated at Western Springs this year a fine stock of it and our customers should include one in every order. Each, 15c.

ARAUCARIA EXCELSA.—The most elegant of all evergreens, graceful and of quick growth in a conservatory; not hardy. Too large to mail. By express, each, \$2.50.

ASPARAGUS, Climbing.—Each, 20c.

ASPIDISTRA Variegata.—The handsomest and hardiest decorative house plant we have, as popular as a Palm or Rubber Tree. Large lance-shaped leaves variegated with creamy white. Each, 75c.

ASTERS.—Pot grown plants from seeds of our choicest strains. Assorted colors, 3 for 25c.; doz., 60c.

AZALEAS.—Finely shaped plants, budded and some in bloom, from purest white to deepest crimson. Too large to mail. By express, each, \$1.00 and \$1.50.



ARAUCARIA EXCELSA.

BEGONIAS.

EASILY grown, always full of flowers, with thrifty showy leaves, and are therefore the best all around decorative window plants. Give them good black garden soil mixed with one-fourth sand and one-fourth of thoroughly rotted cow manure. Do not over-water, but occasionally spray the underside of leaves, and keep the dust from the surface. These plants are rarely troubled with insects and seldom out of health. We have a splendid collection,—varieties most distinct.

FLOWERING BEGONIAS.

- Abundance.**—Neat, upright habit; always covered with pretty pink flowers. Each, 15c.
Alba Picta.—Glossy green, small leaves with silvery white spots; flowers white. Each, 15c.
Argentea Guttata.—A grand pot plant. Leaves oblong; bronze purple with silvery markings over the entire surface. Flowers white on the tips of the stems. Each, 15c.
Dewdrop.—A dwarf variety; excellent house plant, also stands the sun well; constantly loaded with pure white flowers. Each, 10c. (But no plant order filled for less than 50 cents.)
Dewdrop, Pink.—A sport of above with pink flowers. Each, 15c.
Fuchsoides Coccinea.—Free bloomer; bright scarlet, drooping flowers. Each, 10c.
Glaucophylla Scandens.—A grand drooping variety, an unequalled basket plant, blooms in winter, flowers orange salmon, in panicles, leaves dark silvery green, long, pointed and graceful, Each, 20c.
Gloire de Juoy.—A rich bronze green leaf, large and rough. Flowers very large, nearly an inch in diameter; plant seldom out of bloom. Each, 20c.
Gloire de Sceaux.—One of the finest Begonias of its kind. Leaves heart-shaped having a rich metallic lustre. Of a shrubby, upright and shapely habit, producing during the entire season large flowers of a soft clear pink, in shape and size equal to a Rex variety. Each, 20c.

M. De Lesseps.—A decided improvement on Argentea Guttata, the leaf being four times larger, while the silky texture is the same. It is beautifully spotted with silver, a strong free grower and will succeed anywhere. Each, 20c.

Manicata Aurea.—A grand foliage plant, its heavy waxy leaves being boldly blotched and marbled with a rich golden cream, with a clear pink etching in the mature leaves. Flowers delicate bluish white. Easily grown and strong. Each, 25c.

Marguerite.—Leaves bronze green, somewhat resembling Metallica, but growing in more bushy form. Flowers in large rose-colored trusses, freely produced. Each, 15c.

Metallica Velutina.—Sturdy, erect grower resembling its parent Metallica, but having larger flowers which are abundant and rosy white. Large, dark rough foliage, bronze-green on the upper surface, reddish-brown beneath. Each, 20c.

Nigricans.—Large, smooth crimson leaves; flowers pure white in panicles. Each, 35c.

Nitida.—Graceful light green leaves; flowers rosy white produced in large clusters. Each, 15c.

Paul Bruant.—In bloom from November to May, and handsome at any season of the year. Grows rapidly in bushy form. Flowers pale pink and of large size. Each, 25c.

Sanguinea.—Shows well on a bracket. Foliage stiff and glossy, dark reddish-green, underside dark crimson. Flowers white. Each, 15c.



BEGONIA, M. DE LESSEPS.

Rubra.—One of the finest shrubby Begonias in cultivation. Has dark glossy green leaves; and scarlet-rose flowers produced in abundance. Stout, upright habit. Each, 15c.

Rubra, White.—Similar to above, white flowers. Each, 20c.

Semperflorens Rosea.—Well named an ever-bloomer. Grows about 15 inches in height; foliage glossy, flowers are white in the center, shading to rosy flesh color and brightened with clusters of yellow anthers. A most attractive and desirable variety for cut flowers. Each, 25c.

Vernon.—Foliage rich glossy green with red edge; flowers at first opening are deep red changing to clear rose in the fully open flower. Blooms when quite small, thrives everywhere, and is very popular. Each, 15c.

REX BEGONIAS.

The beautiful foliage, graceful flowers and free-blooming qualities of this class of plants make them very desirable. They require a warm, moist atmosphere and a shady situation. The Scollay sprinkler will be found of great value in the culture of these plants to throw water on the underside of the leaves to keep down red spider.

Price, each, 20c.; 3 for 50c., postpaid.

Clementina.—The stem and upper surface of the leaf are of a beautiful bronze green, decorated with large silver spots, underside a bronze red, forming a pretty contrast. This plant bears handling well and its leaves are not easily hurt by water.

Countess Louise Erdody.—A handsome variety of the Rex type, having a peculiar spiral twisted leaf which shows a metallic lustre, deepening into dark silver in the center, shading to coppery-rose towards the margin.

Duchess de Brabant.—One of the most pleasing in color and texture; plum-green center and edge with broad zone of silver, shading into bright green. A most attractive and beautiful Begonia.

Louis Chretien.—Of exceedingly beautiful coloring, and very high lustre like changeable silk. Flowers pink and of good size. All who buy this Begonia are much pleased with it.

Lucy Closson.—Very handsome, large leaves; the coloring is magnificent, being a combination of bright rose, olive green and spotted silver; of easy growth, suited for window culture. Each, 20c.

Luella.—A handsome upright growing variety of hybrid Rex type. Leaves notched and serrated; olive green ground overlaid with reddish-bronze. Silvery spots along the midrib and veins, which increase in richness with the age of the plant. A rapid grower of easy culture.

Queen of Hanover.—Leaf of very soft velvety texture covered with red pile, center and edge of soft green velvet, the zone formed by tiny silver dots. Soon grows to a large size.

Queen Victoria.—Solid silvery leaf of crepe like texture, reddish veins, embroidered margin, and fluted reddish edge. One of the largest leaved in the family.

Rex.—Of a beautiful metallic lustre, center and edge of a soft velvety-green, with a broad silver zone terminating at a point. The oldest of Rex Begonias, but far in advance of many others.

FOR BEGONIAS, TUBEROUS-ROOTED, See Bulb Department of this Book.

SPECIAL BEGONIA OFFER: Any six Begonias on this page, customers choice for \$1.00; or eight plants, our selection, for \$1.00. postpaid.



BEGONIA, DUCHESS DE BRABANT.

BROOKLYN, N. Y., MARCH 31, 1893.
 The plants I ordered from you arrived yesterday, and I must say though, I have had hundreds of plants by mail, I never received any in such perfect condition and with such good roots. MRS. M. L. HART-LOCK.

CURIOUS CACTI.

varieties, by mail for 50 cents, postpaid, is a bargain. We positively cannot allow any change in the collection.

This class of plants are extremely popular as they are especially suited for pot plants in the parlor or sitting-room. Our Special Cactus Collection as illustrated below, containing six of the most desirable, easily grown varieties, by mail for 50 cents, postpaid, is a bargain. We positively cannot allow any change in the collection.



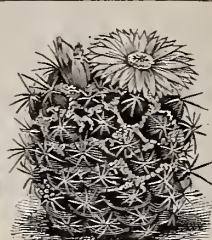
E. C. BERLANDIERI.



THE CORN COB.
E. C. PECTINATUS.



CRAB CACTUS.



M. PECTINATA.



M. PUSILLA.



THE BUTTON.
M. MICROBERIS.

ECHINOCEBUS BERLANDIERI.—An elegant little pot plant, dwarf growing, forming large clusters of extra fine, sweet-scented flowers. One of the most attractive of the Cactus family. Each, 25c.

CORN COB CACTUS, (ECHINOCEBUS PECTINATUS).—The best and finest bloomer of all "Echinoceri," blooms profusely when quite young, and makes valuable plants as well as large clusters, which often bear 40 to 50 flowers at one time. Each, 25c.

CRAB, OR LOBSTER CLAW CACTUS, (EPIPHYLLUM).—One of the best bloomers; although the flowers are not large, still they come at a season of the year when flowers are scarce—October and March. Each, 25c.

The above six make up our **SPECIAL CACTUS COLLECTION.** Price 50c., postpaid.

Dumpling, or Turnip Cactus, (ANHALONIUM WILLIAMSII).—The top of the plant is round, without spines; root long and turnip shaped; flowers pale rose. Each, 25c.

Night Blooming Cereus, (CEREUS GRANDIFLORUS).—Plants two years old have been known to bear 20 flowers; an old specimen, if planted in the greenhouse, will bloom every night for weeks in succession during June and July. Flowers deliciously fragrant. Fine plants, each, 25c.; larger, 50c.

The Rainbow Cactus, (ECHINOCEBUS CANDICANS).—The plant is a network of delicate spines, ranging in color from creamy white to the deepest red. Its flowers (magenta, white and orange) are freely produced, even on small plants. Fine plants, each, 30c.; large specimens, 50c. to \$1.00.

The Living Rock Cactus, (Anhalonium fissuratum).—A most wonderful and curious variety. Resembling an intricate piece of carved stone work. Flowers in winter. Each, 30c.; large size, 50c. to \$1.00.

Little Fishhook Cactus, (MAMMILLARIA GRAHAMI).—Beautiful white spines, interlace the whole plant; blooms very profusely during late summer months. Each, 40c.

The King Cactus, (PHYLLOCACTUS ACKERMANNI).—One of the most profuse bloomers; flowers satiny scarlet. Each, 25c., larger plants, 50c.

CENTURY PLANTS. (Agaves.)

Century plants have long been used for tropical effect. Will stand any kind of weather and sun and can be stored in any room free from frost in winter.

Americana.—Leaves are a fine glossy green, holding their color through the worst of weather. First size plants, each, 25c.; extra large plants, 2 ft. in diameter, by express, 50c.

Americana, VARIEGATED.—Center of leaves green with broad creamy white stripes on the margin; one of the handsomest of all. Each, 35c.

CENTAUREA Gymnocarpa.—(Dusty Miller.) Ea., 10c. doz., 80c.

CAMPHOR PLANT, (CINNAMOMUM CAMPHORA).—Valuable as an ornamental plant and for the camphor gum it produces. Is hardy wherever the orange thrives, well adapted for street planting, grows rapidly, gaining a height of 25 to 30 feet in a few years. Each, 25c.

CLIVIA Minata.—An Amaryllis-like plant of easiest culture, thrives in the sitting room. The flowers are in large clusters, light red shaded with orange. Prices: Strong blooming plants, first size, \$2.25; second size, each, 75c.; third size (blooms the second season), each, 50c.

CLITORIA.—A climbing plant, with lovely blue curiously formed flowers. Ea., 20c.

CROTONS.—Elegant foliage plants. 6 varieties of various markings, Each, 30c.

COBÆA Scandens.—Climbing Bell flower. Each, 20c.; 3 for 50c.

CUPHEA LLAVÆ.

A fine, new Cuphea, flowers red, white and blue; it is well adapted for general uses, such as bedding out, pot culture or hanging baskets, and attracts great attention as a curiosity. A very unique plant. Each, 20c.; 3 for 50c.; 7 for \$1.00.

CUPHEA Platycentra.—(Cigar Plant.) Red tube with black ends, covered with flowers all summer. Each, 10c.. 3 for 25c.



Spring Hill, Mont., June 3, '93.—The Bulbs and Plants ordered arrived to-day, and it being my first order by mail I was anxious to see how they looked. I hastened to open the box and imagine my surprise when I found every plant as fresh as if just dug out of the ground, and the Bulbs were all perfect and in splendid order.
J. P. SIMONS.

MAMMILLARIA PECTINATA.—Bears very large yellow flowers 2 1/4 inches in diameter when fully open. Exterior sepals green, interior ones yellow, petals of a beautiful sulphur yellow. Each, 25c.

MAMMILLARIA PUSILLA.—This beautiful little Cactus is always admired for its bright silvery spines. Flower yellowish white, with a red stripe through center of petal. Each, 15c.

BUTTON, or MUSHROOM CACTUS, (MAMMILLARIA MICROBERIS).—Small single plants really resemble a fine silk embroidered button. The flowers are followed by bright carmine berries, which remain on it all winter and make it very attractive. Single plants, 25c.

The Queen Cactus, (PHYLLOCACTUS LATIFRONS).—A magnificent night bloomer, flowers eight, ten and twelve inches across, produced on plants scarcely a foot high, from May to August. One year old plants, each, 25c. larger, 50c.

Old Man's Head Cactus, (PILOCEBUS SENILIS).—Covered with very long silky white hairs, often drooping below the rim of the pot, giving it the appearance of the venerable white head of an aged person. Each, 75c.; larger specimens, \$1.00.

Star Cactus, (STAPELIA VARIEGATA).—Flowers buff yellow, with maroon markings; blooms when quite small. Each, 15c.

Turk's Head Cactus, (ECHINOOPSIS MILLERI).—Rapid grower, blooms when only two years old. Flowers double, satiny rose in color. Small plants, each, 25c.; larger, 60c.

Echinocactus Setispinus.—Flowers yellow with a beautiful red center. Small plants, each, 25c.; larger, 50c. to \$1.00.

Echinocactus Texensis.—Low cushion-like plants. flowers very large, yellowish rose and beautifully fringed, followed by large seed pods of a bright red color. Small, each, 25c.; large, 50c. to \$1.50.

NEW COLEUS.

The following varieties are far in advance of any already sent out. Their large leaves and beautiful markings render them exceedingly attractive.

Count Walderssee.—Green spotted with carmine and silver.

Count Otting.—Green and pink, marbled with black, purple and gold.

Louise Chretien.—Center of leaf creamy white, edged green and gold, also fringed and scalloped. Very odd.

Prof. Dr. Koch.—Long, pointed leaf, center scarlet crimson, dotted with brownish purple, edge laced with green and gold, very fine.

Salvator.—Center of leaf violet rose, shading to dark maroon, edge deeply serrated and laced with gold.

South Park.—Foliage yellow; new, dwarf, stands the sun much better than any other. Undoubtedly the best yellow variety now in use, originated by Mr. F. Kaust, head gardener of South Park, Chicago. Used very extensively last summer. Each, 25c.; 3 for 60c.

Each, 15c.; except noted, 3 for 40c.; South Park set of 6 for 75c.

New German Coleus.

Ame. Feiguet.—Green and old gold striped.

Comtesse de Mirpiox.—Rose and dark purple.

Crisp Beauty.—Purple pink with green edge.

Economy.—Light rose.

George Simpson.—Pink, shaded dark purple.

Hofrath Wacker.—Rose, blue, gold and green.

Princess de Ligne.—Center scarlet, edge old gold.

Tribulet.—Striped lavender, old gold and cream.

Each, 15c.; 3 for 40c. German set of 8, 1 each, for \$1.00.

COLEUS.

General Collection.—Doz., 75c.; 100, \$3.00.

CYPERUS Alternifolius.—A splendid water plant for the center of a vase or aquarium. Very easy to grow. Each, 10c.



CARNATIONS "COLUMBIAN SET."
THE BEST 6 POSTPAID FOR 60 cts.

Six Best and Most Distinct Sorts for 1894.

White Dove.—Purest white, texture heavy and glistening, flowers large and deeply notched; of fine form, petals being large and of heavy texture. Stem quite stiff and very long. A very strong grower, free bloomer and fragrant. Each, 15c.; 3 for 40c.; doz., \$1.50.

Golden Triumph.—This is the finest pure yellow carnation yet produced. It is more dwarf in habit than Golden Gate and blooms earlier. The flower is a deep golden yellow, without any stripe or tint. Of healthy and free growth, never bursts its calyx; all who try it will be delighted. Each, 15c.; 3 for 40c.; doz., \$1.50.

Aurora.—This is one of the best carnations. Color, beautiful shell pink. A good flower with fine rich foliage and very fragrant. Fine grower. Habit, dwarf and compact. Each, 15c.; 3 for 40c.; doz., \$1.50

Nellie Lewis.—A lovely Carnation. The flowers are of the largest size, most beautiful in form, and of a most exquisite shade of pink, with light splashes of carmine; are borne on long, stiff stems, and exquisitely fragrant. Each, 15c.; 3 for 40c.; doz., \$1.50.

Crimson Coronet.—A fine fringed variety of the easiest culture, flowers invariably perfect; color, an illuminated crimson; very fragrant. Each, 15c.; 3 for 40c.; doz., \$1.50.

Hector.—One of the very finest. Color, an intense bright scarlet; large flowers, fine foliage; long stem and has a strong clove fragrance; healthy and in every way desirable. Each, 15c.; 3 for 40c.; doz., \$1.50.

The COLUMBIAN SET of Six Carnations, one each of the above, for 60 cents.

NOVELTY SET for 1894.

This set is selected with special reference to their distinct and striking appearance. Every one free blooming in habit, with perfect flowers which do not burst.

Madame Albertina.—A persistent free blooming variety of exceptional size and build. Flower very large, round and full, with a strong clove fragrance. Color light flesh pink.

Dr. Smart.—This lovely variegated carnation, admired by all is of a pink tinted cream color, with all petals brilliantly striped crimson. Calyx strong, never bursting. An everbloomer, with vigorous and healthy foliage.

Mrs. Elizabeth Reynolds.—A strong, vigorous, free growing variety; flowers 3 inches in diameter, with broad petals of bright silvery pink. Slightly clove-scented odor. An ever-bloomer with long stems; the flowers remain in good condition on the plant for two weeks.

Gov. Russell.—A pure white with a large flower on a long stiff stem, and does not burst its calyx. It is beautifully shaped, and does finely as a pot plant. It is a great keeper and easy propagated; free bloomer and free from disease.

Thomas Cartledge.—A pure deep carmine pink, exceeding Tidal Wave in size and fullness of flowers and possessing a splendid habit, the stems being long and erect; an early, prolific and continuous bloomer, an excellent pot plant.

Single Plants, each, 20c. or the set of 5 for 75c.; postpaid.

Grand New Carnation.

Sweetbrier.—Received first premium for best seedling of any color at the Philadelphia Exhibition, Nov. 7, '93, and is offered here for the first time. Color, a beautiful clear pink, between Daybreak and Grace Wilder. The plants are very vigorous, come into flower early and seem to bloom continuously, without cropping. The flowers can be cut with long stiff stems at a loss of but few buds. It makes the stockiest, handsomest plant of any variety we know. Each, 35c.; 3 for \$1.00, postpaid.

COLUMBIA, Ill.—Am more than satisfied with Columbian Set of Carnations. ERNST, A. WEINEL.



GENERAL LIST.

American Flag.—This is one of the finest striped we have of this color, scarlet and white, distinct; each shoot bears from 8 to 10 flowers. Fragrant. Each, 10c.

Buttercup.—This grand golden yellow is one of the best in this color. The color is rich, with a few odd markings of carmine; is of vigorous habit and an excellent bloomer. The flowers are full, very double, and from 2½ to 3 inches across. Each, 15c.

Daybreak.—Very large, perfectly double flowers, of the most delicate shade of pink. A most elegant cut flower variety. Each, 10c.

Fred. Creighton.—Rich salmon pink, petals fringed; flowers large and fragrant on long stems. Each, 10c

Hinze's White.—Flower, large; color, white, with a delicate shade of pink; rich clove fragrance. Ea., 10c.

J. R. Freeman.—Large crimson flowers, free bloomer; never bursts its calyx; fragrant. Each, 10c.

Lizzie McGowan.—A grand carnation. Large white flowers, beautifully fringed; delightfully fragrant, borne on long, stiff stems. Each, 15c.

Nancy Hanks.—It is a soft shell pink, one of the most beautiful among carnations. A strong grower and a continual bloomer. Each, 15c.

Portia.—Intensely bright scarlet, flowers are of good size, on long stems and freely produced. Each, 10c.

President Garfield.—Very large flowers of a deep scarlet. Ea., 10c.

Puritan.—A valuable pure white, of last year's introduction. Flowers, full, substantial and fragrant. An early and continuous bloomer. Each, 10c.

Silver Spray.—A splendid pure white, early, free flowering and of robust growth, forming fine bushy plants and an abundance of long-stemmed flowers, never bursting; petals finely fringed and very fragrant. Each, 10c.

Tidal Wave.—This is a splendid carmine pink, the most free flowering of all. Its dwarf habit, the stems being only 12 to 15 inches high, makes it very desirable for pots. Each, 10c.

SPECIAL OFFER: Any 12 from the above GENERAL LIST for \$1.00. Any 6 for 60 cents.

Vaughan's * Columbian * Cannas.



GRAND tropical effects are produced by the luxuriant foliage of these plants in various shades of green, purple and bronze, with the splendid flower spikes of the newer kinds. They are the finest bedding plants we can offer. We are always pleased to submit estimates or plans for large beds. Write us. Varieties in **This Type** were medal winners at the World's Fair.

LEWISTON, ILL.—The French Cannas which I purchased of you last season surpassed in brilliancy of color, beauty of plant and perfect formation of flower to anything I have ever grown or seen in the line. They were the admiration of all that saw them and more than doubly worth their price and in every way a pleasant satisfaction to their ardent admirer.
NEEDHAM, MASS.—The New French Cannas did very well indeed as they were good plants from the first and the varieties were fully up to my expectations,
MRS. H. P. HULL.
DENYS ZIRNGIEBEL, Florist.

Admiral Gervais.— $\frac{3}{4}$ ft. Strong plants, handsome green foliage edged with purple, flower stalks numerous, flowers large with rounded petals, charming coloring, carmine with yellow center and delicately edged with golden yellow. 75c.; 3 for \$2.00.

Adolph Wieck.—4 ft. Flowers of a beautiful cardinal red, the individual flowers are large, with broad petals, and are set close together in the clusters; a good bedder. 20c.; doz., \$1.75.

Admiral Courbet.—4 feet. Foliage green, flower stalks numerous, flower lemon yellow marked with maroon. 20c.

Alphonse Bouvier.—Each, 30c.; 4 for \$1.00; doz., \$2.65 postpaid. See description on back of colored plate.

Baron de Sandrans.— $\frac{3}{4}$ ft. Leaves green, flower spikes strong, flowers large, petals broad, brick red, edged with golden yellow. 20c.

Brenningsii Variegated.—4 ft. Green leaves, striped and blotched creamy white. The only Canna with marked foliage. 20c.; doz., \$1.75.

Capt. P. Suzzoni.—Each, 30c.; 4 for \$1.00; doz., \$2.65 postpaid. See description on back of colored plate.

Childsii. (The Tiger Canna)— $\frac{3}{4}$ ft. Foliage strong, color light green; flowers good size, clear yellow, brilliantly spotted crimson. This variety differs from most of the Crozy sorts in that it generally has four good sized petals instead of three, making the flower seem larger than any other. 20c.

Chas. Henderson.—4 ft. This fine crimson was almost a Medal Winner at the Fair and though late flowering might rank a close second to the Bronze Medal varieties of our list. 60c.

Cronstadt.— $\frac{4}{4}$ ft. Extra vigorous plant, fine purple veined foliage, strong flower stalks, large round flower, pretty rose lake color. 20c.

Duc de Mortemart.—4 ft. Strong grower, deep green foliage, numerous compact spikes, large flowers, broad, well rounded petals, handsome deep golden yellow flowers dotted over the entire surface with crimson. 20c.

Duchess de Mortemart.—Each, 25c.; 5 for \$1.00; doz., \$2.50, postpaid. See description on back of colored plate.

Edouard Michel.—4 ft. Foliage green, flower spikes strong, large erect flowers, color very light orange. 20c.

Egandale.—Each, 40c. See description on back of colored plate.

Ehemanni.—6 ft. A very broad emerald green leaf, clearly veined; growth most luxuriant. The flower heads are well above the foliage and each individual flower with a long crimson tube with petals recurved distinguishing it from all other Cannas. A clump of three strong plants of these on the lawn in good soil, well watered is finer than any Musa plant that can be grown in the open air. One of the best of older Cannas. 15c.; doz., \$1.50.

Emile Le Clerc.—Flowers large, bright golden yellow. Mottled and spotted crimson and scarlet. Beautiful as a cut flower as its peculiar color gives it the appearance of an orchid. Pea green foliage. 15c.; doz., \$1.50.

Enfant de Cahors.—5 ft. Foliage shaded purple, large orange carmine flowers. 20c.

Explorateur Crampel.—35c.; 3 for 90c. See colored plate.

Florence Vaughan.—50c.; 3 for \$1.25, prepaid. After May 1st, 3 plants for \$1.00, prepaid. See description on back of colored plate.

Francoise Crozy.— $\frac{3}{4}$ feet. Strong grower, foliage green, bright orange flowers, broad rounded petals, 40c., 3 for \$1.00.

Francoise Maire.— $\frac{3}{4}$ feet. Flowers orange yellow, beautifully dotted with cinnamon red, foliage bright green. 25c.

General Baron Berge.— $\frac{3}{4}$ feet. Plant strong, foliage deep green, free bloomer, brilliant scarlet, large round flower. 20c.

Geoffrey St. Hillaire.— $\frac{4}{4}$ feet. Foliage purplish brown, flower spikes strong, flowers brilliant capucine red. 15c.

Georges d'Harcourt.— $\frac{3}{4}$ feet. Strong grower, wide green leaves, strong compact flower spikes, large round flower, handsome golden yellow dotted bright chestnut. 20c.

Geo. W. Childs.—40c.; 3 for \$1.00; doz., \$3.50. See colored plate.

Goury.—Strong grower; 4 feet. Leaves broad, of a handsome green color; stalks strong, flowers large and wide, color salmon red. 20c.

Guy d'Oultremont.— $\frac{3}{4}$ feet. Strong grower, lanceolate green leaves, flower stalks numerous, flowers large, petals long, salmon rose edged with yellow. 60c.

H. A. Dreer.—4 feet. Strong grower, leaves erect, dark purple, flower stalks numerous, very large round flowers, very bright scarlet dotted with a deeper shade. 50c.; 3 for \$1.25; doz., \$3.50.

Varieties quoted at 15c. each, are \$1.50 per doz.; those at 20c. each, \$2.00 per doz., postpaid.

J. C. Vaughan.— $\frac{4}{4}$ feet. Purplish foliage, flower large, clear spike deep vermilion orange, with a satiny lustre on the petals; flower large. We claim it to be *the very best dark-leaved variety*. The flower is larger than Cabos and fully as striking, contrasting brilliantly with the dark foliage. Scarce. 75c.; 3 for \$2.00.

J. D. Cabos.—35c.; 3 for 90c. See description on back of colored plate.

J. J. Thomayer.—4 feet. Vigorous grower, erect deep purple leaves, strong flower stalks, superb orange flower. 20c.

Little Gem.—(POTATO CANNA).—Grows only ten to fifteen inches high. Compact clusters of dark scarlet flowers, bordered yellow. Roots very compact and fat like potatoes. 15c.; doz., \$1.50.

Louis de Merode.—4 feet. Very strong grower, leaves green bordered purple, flower stalks numerous and strong, large wide flowers, petals rounded at tip, color light amaranth. 20c.

Madam Crozy.—20c.; 3 for 50c.; doz. by express (not prepaid), \$1.75; 25 for \$3.00. See description on back of colored plate.

Madam Oriol.—3 feet. Flower spikes numerous, free blooming, carmine rose shaded salmon. 15c.

Marquise Arthur de l'Aigle.— $\frac{3}{4}$ ft. Handsome lanceolate foliage, numerous flower spikes, large well opened flowers, rounded petals, rich red, stained yellow at the center dotted carmine and faintly bordered with yellow. 40c.; doz., \$3.

Mlle. de Crillon.— $\frac{4}{4}$ feet. Vigorous plant, green lanceolate foliage, free blooming, petals long, handsome yellow tinted carmine at the base, medium flower. 15c.; doz. \$1.50.

Michel Coulovrat.— $\frac{3}{4}$ feet. Strong grower, foliage deep purple, large flower, petals wide, rounded, color light vermilion. 20c.; 3 for 50c.

M. Lefebvre.—4 feet. Strong grower, erect purple foliage, strong flower spikes, large flower, well rounded petals, cherry dotted with carmine. 20c.

Miss Sarah Hill.—25c.; 5 for \$1.00; doz., \$2.25 postpaid. See description on back of colored plate.

Nardy Pere.—Of the most intense, rich brilliant crimson scarlet, very dazzling flowers of good size, borne in large open heads; foliage dark green with purple veins and stems. 40c.

Paul Bruant.— $\frac{5}{4}$ ft. Vigorous, fine green foliage, numerous spikes, large rounded flower, orange red, shaded fire color. 35c.; 3 for 85c.

Paul Marquant.—30c.; 4 for \$1.00. See description back of colored plate.

Perfection.—4 ft. Strong grower, foliage dark green, flowers large and round, golden yellow dotted bright maroon. 25c.; 3 for 65c.

Pierrette Biorlet.— $\frac{3}{4}$ ft. Strong grower, foliage green, free blooming, large yellow flowers, strongly marked with maroon. 20c.

President Carnot.— $\frac{3}{4}$ ft. Strong grower, leaves erect, dark purple flower stalks, strong and numerous, flowers large and well rounded, rich carmine color dotted darker. 30c.

President Cleveland.— $\frac{3}{4}$ ft. Moderate grower, rich green foliage, compact flower stalks, strong and numerous, flowers large, petals rounded, color light vermilion. 20c.; 3 for 50c.

President Faivre.—6 ft. Flower deep red, bronze, a strong grower, wide leaf of deep reddish purple on both sides, certainly the best of all the older red leaved kinds for general bedding. 15c.; doz., \$1.50.

Princess De Brancovan.— $\frac{3}{4}$ ft. Vigorous green foliage, free blooming; flowers, large and round, color cinnabar edged with golden brown. 20c.

Secretaire Nicolas.— $\frac{4}{4}$ ft. Vigorous, foliage light green flower stalks very long, flowers large and round, color bright red. A splendid variety. 25c.; 3 for 60c.

Secretary Stewart.—25c.; 5 for \$1.00; doz., \$2.25, postpaid. See description on back of colored plate.

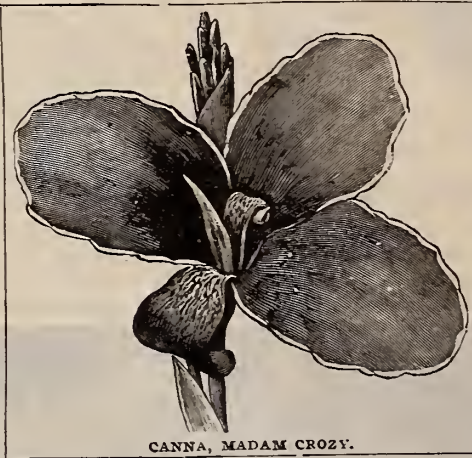
Sophie Buchner.—5 ft. Flower very large, petals well opened. The fourth petal is unusually large, color clear deep vermilion with a glossy carmine shade, leaves deep green, slightly edged with red, spikes strong and numerous showing well above the foliage. Each, \$1.00.

Star of '91.—3 feet. Foliage fine green, flowers large, petals broad, color glowing orange scarlet, not so clear a vermilion as Madam Crozy, faintly banded golden yellow. 20c.; doz., \$2.00; by express, not prepaid, 1.00, \$1.50.

The Garden.—4 feet. Strong grower, foliage green, lanceolate, long compact flower spike, flowers large, broad and well rounded, color orange. Very good. 25c.; 3 for 60c.

Trocadero.—4 feet. Vigorous grower, foliage green, free blooming, large flower, petals round, color orange scarlet. 20c.

Ventura.— $\frac{4}{4}$ feet. Foliage dark green, large spikes of flowers, scarlet and crimson, beautifully blended. A California Seedling which with us hardly compares with the best Crozy sorts. 20c.; 3 for 50c.



CANNA, MADAM CROZY.

Egandale.

Explorateur Campbell.

Florence Vaughan.

Madame Crozy.

George W. Childs.

J.D. Cabos.

Paul Marquant.

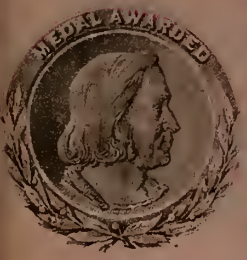
World's Fair Bronze Medal Collection

EGANDALE, (Medal Awarded) Splendid bronze leaved bedder.
EXPLORATEUR CRAMPBÉL, Very large scarlet with crimson dots.
FLORENCE VAUGHAN, (Medal Awarded) Highest type of all the novelties,
very broad round petals. Best yellow in existence. Splendid flower.

MADAM CROZY, (Medal Awarded) The Best for general use.
GEO. W. CHILDS, Very dwarf with Gladiolus-like spike, grand for borders.
J.D. CABOS, (Medal Awarded) Orange flower, bronze leaf; one of the very best.
PAUL MARQUANT, Flower of the largest size. Foliage green. Superb.

THE
Canna Display
AT THE
World's Fair
was the
most noticeable
of all
Plant Exhibits.

One each of the Seven Finest Cannas in the World for \$2.00 prepaid



NEW FRENCH CANNAS.



THE striking feature of the out door displays in Floriculture at the World's Fair, undoubtedly was the Grand Canna Beds on the East Plaza along the full length of the Horticultural Building. We were allotted for our new seedlings the center beds each side of the fountains, and exhibited there 80 new and standard named Cannas,—more than three times as many as shown by any other single firm. Those who saw these grand beds (and who did not) will hardly need us to remind them of the grand masses of tropical foliage surmounted by brilliant spikes of flowers in yellow, scarlet and crimson, almost or quite equal to Gladiolus flowers.

Undoubtedly the Canna in these grand new forms is to-day the most effective and desirable lawn and flower garden plant of its class.

We control the largest and most varied stock and the newest and best of Cannas in America. We received 15 Medals on new Cannas alone, and six on new kinds shown by no other firm and exhibited in America for the first time this year. On this page we offer the very best of all kinds now in commerce of which the supply is sufficient to quote.



See NEW CANNAS on yellow pages, from this Catalogue.

BEWARE of low-priced offers of Cannas, claiming to be NEWEST FRENCH SORTS, but containing many of the older tall-growing, small flowered kinds to make the offer appear cheap, when it is really a dear one.

BRONZE MEDAL COLLECTION.

(Seven finest Cannas, see Colored Plate other side of this sheet.)

Florence Vaughan.—Medal awarded. 4½ feet. This is undoubtedly one of M. Crozy's most distinct and beautiful productions. The flowers are the most perfect form, the petals are even broader than Madame Crozy, and more rounded at ends, which latter characteristic represents the best type sought for in the latest hybridizations; they are well opened and of the most brilliant golden yellow dotted with brightest scarlet, the largest of all Canna flowers, and are produced in constant succession the entire summer. This grand variety has attracted much attention at the Fair, as representing the best type of this class of flowers ever seen.

MR. W. C. EGAN, of Highland Park, an expert on Cannas and general horticulture, Secretary of the Chicago Horticultural Society, says:—"Florence Vaughan is magnificent, and worthy of any place in the garden."

MR. ROBERT CRAIG, of Philadelphia, Chairman of the Board of Awards in Floriculture, at the World's Columbian Exposition says, Dec. 6, 1893:—"Florence Vaughan has proved to be all that was claimed for it; it is still far superior to any yellow Canna in commerce."

MR. KANST, Supt. South Parks Chicago, says: I consider Florence Vaughan Canna the best of its color, it has a very strong habit, is a free and continuous bloomer, and is very striking in color. The width of its petals ranges from 1 to 1½ inches, and the color stands well in an exposed situation. Indispensable.—AM. FLORIST, Sept. 29, 1893.

Our large stock of this most valuable plant novelty of this year, enables us to offer it at most moderate prices. Each, 50c.; 3 for \$1.25, prepaid. After May 1, 3 plants for \$1.00, prepaid.

J. D. Cabos.—Medal awarded. 4¾ feet. Strong grower, leaves lanceolate; green, strongly shaded with purple; flower stalks numerous, flowers large and round, color rich apricot, with deeper shadings; attracts the attention of every one because of the novel color. One of the best. Each, 35c.; 3 for 90c.

BRONZE MEDAL COLLECTION. One thrifty growing plant of each of above seven finest Cannas in the World; every one a new and scarce variety, sent postpaid to any address for \$2.00; or two Collections, 14 Cannas, for \$3.50, postpaid.

BARGAIN CANNA COLLECTION

From the World's Fair Flower Beds.

Alphonse Bouvier.—Medal Awarded. 5½ feet. Probably the grandest scarlet Canna introduced up to this time. The flower spike is very large and full and the flowers on each come in bloom well together. The color is a brilliant crimson and the individual flowers as large as the best of the newest kinds. The older flower heads droop a trifle as the new ones come on, each strong stalk furnishing two or three clusters of bloom. Price, 30c.; 4 for \$1.00; doz., \$2.65, postpaid.

Capt. P. Suzouli.—5 feet.—A lemon yellow, dotted with dull red or chestnut spots. The flower is of good size, a little less than Madam Crozy in width of petal. The flower spike is long, standing well above the foliage and though not blooming in clusters as well as the Florence Vaughan, yet the general appearance of a solid bed of it shown at the Fair, was decidedly yellow. Price, each, 30c.; 4 for \$1.00; doz., \$2.65, postpaid.

Bargain Canna Collection. {

One fine plant each of the five different and distinct kinds named here, in splendid condition to go ahead rapidly, postpaid, to any address, for 75c. Two Bargain Collections, making ten plants, postpaid, \$1.35.

Our BRONZE MEDAL COLLECTION of Seven (7) and our BARGAIN COLLECTION of five (5) making a total of TWELVE GRAND CANNAS, proven at our grand displays at the World's Fair to be THE BEST IN THE WORLD, postpaid to any address for \$2.50.

Explorateur Crampel.—5 feet. Foliage green, flower large and broad, color a clear vermilion, scarlet tinted, with crimson spots distributed evenly over the petals, making a wonderfully brilliant flower. Flower spikes large but a little late in blooming and not so free a bloomer as Mme. Crozy. Deep colors like this and Eganale are the coming Cannas for massing in beds. Each, 35c.; 3 for 90c.

Eganale.—Medal awarded. 4 feet. Purple foliage, strong, compact flower spikes; color, currant red. A bed of this on the lawn is very handsome because of harmony of leaf and flower and because of its brilliancy, it can be seen the farthest either in the sunlight or at dusk. We purchased the entire stock of this variety from M. Crozy, and imported and named it. Each, 40c.

Paul Marquant.—Identical with G. Sennholz as sent out by us. 4½ feet. Vigorous grower, foliage deep green, strong flower spikes; extra large flower of a deep salmon color, smoothly shaded with orange; petals wide and longer than any of the new ones; indispensable. Each, 30c.; 4 for \$1.00.

Geo. W. Childs.—3½ feet. Flowers are nearest like those of Mme. Crozy, but with more yellow on the throat and at the back of the flower; about two-thirds the size of the latter; the flower spikes are about five inches in diameter, symmetrical, longer and more gladiolus-like than any other variety, and very effective; the spikes stand well above the foliage, making it, because of its dwarfness, just the plant for the outer row in planting a Canna bed. Each, 40c.; 3 for \$1.00; doz., \$3.50.

Madame Crozy.—Medal awarded. 4 feet. Immense flower heads of the deepest vermilion, gold bordered, are double the diameter of a Gladiolus spike and follow each other so rapidly that the plant is always in bloom. Petals very wide and broadly rounded; foliage green. This variety has done more than any other to give to Cannas their present great popularity. Each, 20c.; 3 for 50c.; doz. by ex., \$1.75; 25 for \$3.00.

Miss Sarah Hill.—4½ feet. Foliage green, flower spike upright, medium in size, flowers of good size, carmine crimson in color, a little late in coming into bloom, but a fine bedding variety. This was a good deal admired during the late summer on the World's Fair Grounds. Price, each, 25c.; 5 for \$1.00; doz., \$2.25, postpaid.

Secretary Stewart.—4½ feet. Imported from France and named by us, having purchased the entire stock from M. Crozy, the originator. Foliage green, flower garnet, of good size, with large open flower spike. Price, each, 25c.; 5 for \$1.00; 12 for \$2.25, postpaid.

Duchess de Mortemart.—4 feet. A vigorous grower, wide green leaves, flowers large, with wide well rounded petals. Color handsome yellow, strongly dotted and penciled with carmine. This variety was shown in our colored plate collection of 1893. Price, each, 25c.; 5 for \$1.00; 12 for \$2.25, postpaid.



CHRYSANTHEMUMS.

GLOBE SET.

The Queen.—(See Photo-engraving of Vase.) This grand variety has shown itself after another year's trial to be just what we claimed for it, "one of the very finest whites to date." The flower excels all in pure whiteness, is extra large, broad and deep; the petals are heavy and thick; a good keeper; leaves broad and thick, stem strong, holding flowers firmly erect. It has won for us three first premiums for best white at the World's Fair Chrysanthemum Show, namely:—for best vase of twelve blooms, best fifty, and best one hundred, receiving for the last the Bronze Medal of the Fair. It has been a prize winner wherever shown, Each, 50c.

MRS. CRAIG-LIPPINCOTT.—A grand yellow, winner of the first prize for best fifty blooms at the World's Fair Flower Show. The flower is very large and broad, with wide, incurved petals. The stem is stout and the growth very strong. In flowering it is medium early. This and the Queen were both in our Florist's Set of 1893, and have made the best records of any kinds of their color. Each, 25c.

Mrs. A. J. Drexel.—Finest of its color, a splendid *crimson*, without other shades; shape half spherical; petals long and arranged like rays; fully double, good grower. Each, 20c.

Chas. H. Miller.—A large incurved pink; very early and of fine dwarf habit for home garden cultivation. It is fully double. Pink is one of the most popular colors in Chrysanthemums both for wear and decorations. Each, 35c.

This completes our Globe Set giving 4 distinct and striking colors.

Price, *Globe Set*, \$1.00, postpaid.



THE FAVORITE COLLECTION.

Much of the interest which the Chrysanthemum attracts arises from the wonderfully varied forms they present to the eye. We have therefore made a collection of the very distinct and striking forms which are also splendid flowers.

Pres. Wm. R. Smith.—A pure self pink; very heavy in substance, on stiff stems; the form is very beautiful in all stages; opens with a center incurving in a circle enclosed in broad outer petals; it gradually assumes the true Japanese form, rounded and deep, and this gradually changes to the informal reflexed. Each, 20c.

Enfant des Deux Mondes.—(Child of two Worlds.) A greatly improved Mrs. A. Hardy. Pure white, hairy, of the general build and appearance of L. Boehmer from which it sported. Ea., 40c.

Ada Strickland.—Fine, symmetrical formed Anemone, rich chestnut red, without shadings, center full and high; ray petals broad, flat and regular. Each, 20c.

George W. Childs. The first deep red flower to surpass the old Cullingfordi. Mr. John Thorpe, who originated it, says: "It will remain the best red for five years to come." Flower large, reflexed, with broad stiff petals, stem strong and erect, heavy glossy foliage growing close up to the flower. Each, 25c.

Golden Wedding.—Flower of largest size; high in the center, with petals incurved and loosely twisted, long, broad and channeled lengthwise, the outer ones somewhat drooping and reflexed. It is a bold deep yellow flower of uncommon form and great sturdiness in stem and foliage. Ea., 35c.

Mengolian.—Flowers large, golden bronze, turning with age to a beautiful straw color, reverse of petals dark crimson, incurved; very double and high center with broad petals, strong stiff stems with fine foliage, very early. Each, 30c.

Price, *The Favorite Collection*, 75c; *Globe and Favorite Sets* for \$1.60., postpaid.

PREMIUM SET.

A. Ladenburg.—Japanese, rose pink, double of immense size.

Dr. H. D. Hull.—Light cameo pink, petals very long and broad irregularly but gracefully arranged.

Dr. Jules Calandrea.—Light canary yellow; very large incurved.

Edward Hatch.—Flowers of immense size, almost spherical; outer petals recurring slightly; the color is a soft lemon, suffused with pink.

Golden Gate.—Deep bronze yellow, shaded with amber; immense spreading flowers; petals broad and long.

Harvest Moon.—Bright yellow without shadings; very showy flowers of feathery appearance, with narrow twisted petals.

J. C. Vaughan.—Rich plum crimson.

Mme. Marie Hoste.—A large shapely reflexed white, broad petals and very double, with an extremely vigorous habit; strong and stiff stem and an abundance of dark green foliage, a truly grand sort.

Mrs. Gov. Fifer.—White flat flowers, broad petals.

Mrs. Hicks Arnold.—A strong growing variety, bearing large full double flowers of an old gold color.

Mrs. Jerome Jones.—Pure white, incurved, high rounded flower.

Mrs. L. C. Madeira.—A perfect compact globe of bright orange color; petals upright like unopened pointed quills; constitution strong; stiff stems; flowers large and of the heaviest substance.

Mrs. Robt. Craig.—In form the purest spherical Chinese; in size and texture like the finest Japanese; color snow white.

Olga.—Pink. It is a fine, well-built flower, on stiff stem, full and double to the center; color soft rose, with magenta shadings.

The Bard.—Extremely double, reflexed variety of medium size. Color a rich crimson with outer edges of petals tinged with gold. Vigorous grower, grand for exhibition.

Viviani Morel.—Extra large flowers, petals long and loosely arranged, beautiful light shade of pink; one of the best of late introductions.

Each, 20c., 3 for 50c.; the *Premium Set* for \$2.50, postpaid.

GENERAL COLLECTION.

Mrs. J. G. Whilldin.—Yellow.
Mrs. J. D. Eisele.—Orange.
Mrs. Senator Hearst.—White.
Pres. Arthur.—Pink.
Spartel.—Rose pink.
T. C. Price.—Pink, incurved.
Tuxedo.—Amber.

V. H. Hallock.—Soft pink.
Waban.—Deep pink.
Jessica.—White.
Kioto.—Yellow, incurved.
Louis Boehmer.—Pink, hairy.
L. Canning.—White, large.
Merry Monarch.—White, early.

Mrs. C. D. Avery.—Yellow.
Mrs. Alpheus Hardy.—White.
Mrs. Frank Thompson.—White, shaded lilac.
W. H. Lincoln.—Yellow.
Alberic Lunden.—Crimson.
Clara Bertermann.—Lemon.

E. Audigier.—Purple.
Domination.—Pure white.
Emma Hitzeroth.—Lemon.
Elaine.—White.
Flora Strong.—Yellow, early.
H. E. Widener.—Yellow.
Ivory.—White, early.

Price of any of the *General Collection*, each, 10c.; 3 for 25c.; doz., \$1.00, postpaid.

A GRAND NEW DAHLIA

WHITE * PIGMY.

(ALBA IMBRICATA.)

A WONDERFUL new dwarf growing Dahlia, not over 20 inches high, of handsome bushy habit. The flowers are of medium size, very double and of the purest snow-white. On account of the size of the flowers, which are only about one-half as large as those of the large-flowering sorts, their snowy whiteness and long and wiry stems this new Dahlia is splendidly adapted for cutflower work and there is none better for pots. We saw it in bloom on the wooded island at the World's Fair where it made a splendid showing in spite of the most unfavorable season and where it was generally admired for its handsome bush form, the abundance of its flowers, their form, color and substance. We have imported our stock from the originator and can furnish sturdy plants which are sure to bloom this year.

Price, Strong Pot Plants, (ready April 10th,) each, 35c.; 3 for 75c.; doz., \$2.50; (we do not have dry roots of this).



DAHLIAS.



We have a select collection of best American and imported German sorts.

PRICE of any of the following: **Dry Roots,** each, 25c.; 3 for 65c.; doz., \$2.50, postpaid. **Pot Plants,** (ready by April 10th), each, 20c.; 3 for 50c.; doz., \$1.50, postpaid.

* Double Large Flowering Sorts. *

- Arabella.**—4 feet. Yellow, tipped pink, Each, 25c.
Bird of Paradise.—3 feet. White, tinged pink; profuse bloomer.
Bonnard's Yellow.—4 feet. One of the earliest bloomers; yellow.
Eugenie.—Dwarf, 2 to 2½ feet high; medium sized flower of most perfect form; the petals are beautifully quilled; color a lovely terra cotta, petals toward the center shaded slightly vermilion, entirely new style and color. Each, 30c.
Glowing Coal.—3 feet. A clear deep scarlet, very double.
Gem.—3 feet. Deep crimson; very double and a good bloomer.
Golden Bedder.—3 feet. Pure yellow.
M. Laube.—2 feet. Fine maroon, symmetrical.
J. C. Vaughan.—4 feet. (From J. Laing & Son, London.) Yellow, of a superior form, and very constant.
John Thorpe.—A lovely and curious variety, early and free-blooming. Double, very large flower. Colors variable; a red ground blotched, striped and spotted white, sometimes pure white marbled with rose.

Lucy Fawcett.—5 feet. Yellow, striped scarlet; large flowers produced freely on long stems.

Margaret Bruant.—2½ feet. Pure white, better than the well-known dwarf Camelliaflora.

Mary Rustice.—2½ feet. White with flesh-colored center, very dainty.

Miss Thatcher.—3 feet. Growth stout and compact, making good roots. Flowers large, full double, clear sulphur yellow, carried on stout stems well above the foliage; earliest, most constant and prolific bloomer. In our collection of 200 varieties we have watched this sort carefully for four years, comparing it with all other yellows known, and for general purposes we have no hesitation in placing this at the head of all Dahlias of its color.

Princess Mathilda.—3 feet. A grand white variety, dwarf bushy habit, free-blooming, fine for cutting.

Queen Victoria.—3 feet. Pure yellow; very early and very double.

Red Head.—3 feet. A fine self colored bright red, early and bushy.

Snow.—2½ feet. A very fine variety of purest snowy white, double to the very center; large, rather broad as compared with others; an early and free bloomer; an excellent white.

Victory, (German).—A first class, tall growing variety. Large, double, bright scarlet flower.

Yellow Bird.—4 feet. A very free blooming clear yellow.

Double or Pomponé Sorts.

Angelica.—2 feet. Yellow, tinted buff.

Colibri.—2 feet. Bright scarlet; very free bloomer, liked in bouquets.

Dolly Reith.—Very small white flowers, tipped and blotched with yellow, long stems; a mass of bloom all summer.

George Brinckman.—2½ feet. Purest white, of most elegant form; a gem, charming for cut-flowers.

Ida Fisher.—Pure white, early.

* CALLA PLANTS. *

The following are growing plants (not dry bulbs) and will be ready to bloom a short time after arrival.

New Silver Leaf, Everblooming.—Leaves finely variegated with silvery markings; flowers pure white. Each, 60c., 2 for \$1.00.

Miniature, True.—Elliot's Little Gem. A true dwarf, bearing 3 or 4 small perfect flowers. Each, 25c.; 3 for 60c.

Nana Gem.—Larger growth than the above; large flowers. Each, 25c.

Richardia Maculata.—The spotted Calla, dark green leaves, spotted white, free bloomer. Flowers similar to the White Calla. Each, 25c.

Aethiopica.—The well known white Calla Lily. Each, 20c.

VAUGHAN'S CALLA PLANT COLLECTION, one each of the above five kinds for \$1.25, three collections for \$3.00, postpaid, net.



DAHLIA, WHITE PIGMY.

* Cactus Dahlias. *

Beauty of Brentwood.—New Cactus Dahlia. Double, distinct purple shade, a new color among Cactus Dahlias.

Black Prince.—2½ ft. The best Black Dahlia. Rich maroon-black.
Constance.—3 ft. Its pure white, elegantly shaped flowers render it valuable for bouquets, crosses, church decoration or any other use.

Empress of India.—Deep crimson, semi-cactus.
Formosissima Picta.—4 ft. Very striking and thoroughly distinct. Orange scarlet, the center of each petal banded with a darker shade.

Glare of the Garden.—3 feet. A grand variety of the loose-flowered or flat-petaled type; by far the most brilliant scarlet of any Dahlia we cultivate. Where a splendid show of light scarlet is wanted in the fall, this is the finest bedding plant imaginable.

Harry Freeman.—2 feet. Excellent cactus-like form color pure white. Very floriferous.

Long Island.—3 ft. A new and one of the most showy and distinct Dahlias. The semi-double flowers, which are very large, are freely produced on long stems. Color bright scarlet, yellow center.

Mrs. J. Douglas.—2½ ft. A bright pinkish salmon, distinct in color.

Prof. Baldwin.—2 feet. A sport from Juarezii. Bright orange.

Zulu.—3 ft. Deep rich purple maroon; by far the deepest color in this section. Flowers are of medium size, very double with beautiful broad petals overlapping each other like a Camellia.

Double or Pomponé Sorts.

Kate Haslam.—2 feet. Clear pink; a ball-like flower, first-class bloomer.

La Petite Barbara.—2½ ft. Pure white; very fine cut-flower.

Rudolf Kuhl.—2ft. Maroon, tipped white.

Theo. Heymann.—2 feet. Dark red.

White Button.—2½ feet. Very small, pure white flower; valuable for cutting, and very pretty for garden border.



COLLECTION OF DAHLIAS.

A SELECTION OF THE 7 BEST KINDS, BY MAIL, FOR \$1.00.
POT PLANTS.—Ready April 10th.

Germania Nova.—A most striking and attractive shape, unlike any other Dahlia. Its well formed flowers are composed of a ball-like mass of petals curled and twisted; color, bright cherry pink.

Lynhurst.—2 feet. Deep scarlet shaded maroon.
Gloire de Lyon.—3 feet. The largest and most perfect globe-shaped, pure white in cultivation. Stout upright growth, early and free-blooming. Petals are very large and so numerous as to become nearly a perfect ball.

A. D. Livoni.—4 ft. This is the most lovely form of any pink Dahlia. Has long stems, petals beautifully quilled, regular and double to the centre. An early and profuse bloomer.

Dandy.—4 ft. Maroon striped purple.
Snow.—2 ft. Has long stems, very large pure white flower, smooth rounded petals.

Miss Thatcher.—The best double Dahlia in cultivation. The flowers are very large, very full and double, and of a beautiful clear golden yellow.

CALLA, MINIATURE, True. Elliot's Little Gem.

Originated in the Guernsey Islands off the coast of England, and purchased by our agent. We have grown and flowered it for two years. It is in appearance a true miniature specimen of the old Calla, and when in flower, a perfect specimen plant is 8 to 12 inches high, with fully developed foliage. We know of no plant which will be so readily and universally recognized as unique. A well grown plant cannot fail to attract the admiration of every flower lover.

Note.—Some persons have claimed the Calla Nana (which we will call a half-dwarf) about 18 inches high and which they call The Gem, to be the same as this Elliot's Little Gem; we find it entirely different. Price, "ELLIOT'S LITTLE GEM," Each, 25c., 3 for 60c., postpaid.



OTAHEITE ORANGE.

green leaves endure the dry air of a living room as well or better than any other plant, hence their universal popularity. Plants 1 foot high, each, 50c.; 2 feet, \$1.50; 4 feet, \$3.00, by express only.

FERN S AND MOSSES.

Adiantum Cuneatum.—(MAIDEN HAIR.) This fine species is more generally grown than any other, and is one of the most beautiful of all Ferns. Each, 25c.

Pteris Tremula.—(SHAKING FERN.) Fine rich looking leaves, best for house growing. Each, 20c.

Selaginella Ameliana.—(NEW.) Much superior to any of the older Club mosses, growing with stiff and erect fronds 6 to 8 inches high; bronze green. Very useful for table decoration. Each, 20c.

Sword Fern.—A splendid extra hardy sort, well adapted for house culture. The fronds are often 4 feet long. Fine basket plant, throwing out runners which soon make new plants. Each, 20c.

FERN SET, one each of above 4 sorts for 80c.

FEVERFEW, Little Gem.—Much the best variety. Flowers very double, pure white, in bloom all summer. Each, 10c.; 3 for 25c.

Grevillea Robusta. (SILK OAK).—A very beautiful shrubby plant with fern-like foliage and rich golden yellow trusses of flowers. Grows rapidly from seed, soon forming fine plants. Ea., 20c. Seed, per pkt., 15c.

Gynura Aurantiaca.

The leaves are of velvety texture and have that beautiful appearance seen in changeable silk, being covered, as well as the stems, with small hairs of a rich plum color. The newer leaves surrounding the flower heads are especially handsome. We have found it an excellent bedding plant, and desirable for pot culture also. Each, 30c.

HELIOTROPES.

Violet Beauty.—In fragrance as charming as it is beautiful.

Fleur d'Ete.—Far the best white; flowers large and delightfully sweet; foliage heavy. A splendid pot plant.

Chieftain.—Blue, shaded violet, delightfully fragrant.

White Lady.—Very fragrant. Price for any above, 15c.

HELIOTROPE SET, 1 each of above for 50c.

HIBISCUS SINENSIS.

Cooperii Tricolor.—A handsome foliage plant, white, pink, deep red and green mottled. A plant of rare beauty. Try it. Each, 20c.

Miniatus Semi-Plenus.—Semi-double flowers, of a brilliant vermilion scarlet. Each, 15c.

Rubra.—Flowers enormous, double, clear red tinted with violet; an unusually free bloomer. Each, 15c.

HIBISCUS SET, 3 sorts named above for 40c.

HOYA CARNOSA.—(WAX PLANT.) A climbing plant with thick fleshy leaves and beautiful flesh-colored, star-shaped flowers. Fine pot plant. Each, 20c.

IVIES.

English Ivy.—Splendid climber. The plants offered are 12 to 15 inches long. Each, 15c.

German Ivy.—(SENECIO SCANDENS) Fine for vases, hanging baskets, etc. Each, 15c. Both for 25c.

DAISY, Snow Crest.

This is a new and most distinct variety and a decided improvement on all existing kinds. The flowers are double, pure white, and very large, full to the centre; well grown specimens are as large as a silver dollar. Makes a splendid plant for edgings of beds in the garden as it is perfectly hardy. For house culture as a pot plant it is well adapted. Each 15c.; 4 for 50c.; doz., \$1.50.

DRACAENA. Dragon Tree.

Indivisa.—A very useful decorative plant. Leaves dark green, without variations. Each, 25c.

Metallica.—Young leaves rich coppery-purple hue, becoming much darker when mature. Each, 50c.

ECHEVERIA.—(House Leek.)—Thick fleshy leaves forming rosette-like tufts. Much used in Lincoln and Washington Parks, Chicago, for carpet beds. Very popular and attractive. Each, 15c.; 3 for 40c.

EUONYMUS, Burning Bush.—Fine evergreen shrub, medium size, leaves glossy green marbled and spotted with gold. This is a fine variety for pots. Bears bright red berries that hang on for months. Each, 25c.; 3 for 60c.

FARFUGIUM GRANDE.

(LIGULARIA.)

A beautiful decorative plant for pot culture, bearing an abundance of beautiful green leaves which are elegantly variegated with large yellow spots. It will stand lots of abuse, and thrive in shade as well as sunlight. 25c.

Ficus (INDIA RUBBER TREE).

Elastica.—The large, shining,



DAISY, SNOW CREST.

HYDRANGEAS.

Much admired plants, crowned in the early months of the year with great clusters of white or pink flowers, which remain for a considerable period.

Schlegel's Red Branched.—The new growth of wood is a deep red color; flowers of light cherry shade, produced in immense trusses. Strong plants from 4 inch pots, by express only. Each, 75c.

Otaksa.—Deep rosy pink; vigorous grower, nearly hardy. Strong plants from 4 inch pots, by express only. Each, 75c.

IMPATIENS Suitani.—Good for summer bedding and pot culture in the window, constantly loaded with large rosy-scarlet flowers. 15c.; 2 for 25c.

JASMINES.

Cape Jasmine.—Double white fragrant flowers. Makes a fine large bush in the garden as the plant grows older. Each, 25c.

Catalonian.—(GRANDIFLORUM.) A splendid house plant; pure white, star shaped fragrant flowers. Ea., 25c.

LANTANA.—Grown in pots or tubs they make splendid plants for porch or lawn, and can be kept in a light cellar during the winter. Four fine varieties: **Alba Grandiflora, Gold Cup, Harkett's Perfection, La Patriote**, each, 15c. The four varieties, 1 each, for 50c.

MAHERNIA Odorata.—Each, 15c.

MANETTIA VINE.—This pretty vine can be grown either as a house plant or in the garden and is a most prolific bloomer. Flowers about the size of a lead pencil, brilliant coral red, the ends of the petals tipped golden yellow. It blooms from a cutting and continues in flower.

Cordifolia.—Similar to above, flowers scarlet. Each, 15c.; both kinds for 25c.

Magnolia Grandiflora.—Handsome glossy evergreen foliage and immense showy fragrant flowers; blooms in late summer. Evergreen and hardy south of the Ohio river; in the north a very desirable shrub. Plants 2 to 3 feet high, each, 60c., by express.

MAURANDIA Vine.—Pretty climbing plant with small foliage and handsome tube-shaped flowers. Suitable for trellises, hanging baskets and vases. Exceedingly pretty and attractive. Each, 15c.; 2 for 25c.

MOON FLOWERS.

Noctiflora.—Flowers six inches in diameter, pure white, with a five pointed star in the center. Each, 20c., 3 for 50c.

LEARI.—Flowers deep azure blue, 4 inches in diameter; a charming contrast to the preceding. Grows about 25 feet in a season. Each, 20c.

MUSA ENSETE.—(Abyssinian Banana.)—A grand lawn plant of easiest cultivation in the open ground in summer, or for conservatory decoration in winter. Plants, about 20 inches high. By express, each, 35c.

MUSK, NEW DOUBLE FLOWERED.—The musk-like odor from the leaves and flowers is very powerful, a single plant scenting a large room. Easily grown. Each, 20c.; 3 for 50c.

OLEA FRAGRANS.—(TEA OLIVE)

An unexcelled pot plant for the house. Is continually in bloom. Flowers white, small and of exquisite fragrance. Hardy in the South. Nice plants, each, 40c.

OPHIOPOGON JABURAN VARIE. ATUS.

The variegated leaves are margined with creamy yellow. Flowers of deep violet color and produced very abundantly in dense spikes, and are followed by highly colored blue berries. Each, 35c.

ORCHIDS.—See page 69

OTAHEITE, (DWARF ORANGE TREE.)

This interesting variety grows, blooms and fruits freely in pots. The delicate and beautiful flowers are rich in perfume and are produced in great abundance. A more attractive plant for window garden is difficult to obtain. Fine healthy plants, each, 30c., postpaid. We have some of extra size, by express, each, 50c.



OPHIPOGON JABURAN VARIEGATUS.



ECHEVERIA. (HOUSE LEEK.)

FUCHSIAS.

From a large collection of these very popular plants we have selected the following which we have to offer with certainty of their giving the fullest satisfaction.

Beauty of Exeter.—Most distinct and attractive of recent varieties of this class. The double corolla is pale blue, the sepals pink and deep coral. Each, 30c.

Lamanarie.—An upright, strong grower; fine double white. Each, 15c.

Mrs. E. G. Hill.—Flowers very large; corolla pure white, sepals dark red. Strong, compact grower. Each, 20 cents.

Phenomenal.—Corolla intense sky-blue, of enormous proportion, frequently nearly two inches across, sepals bright coral red. Each, 15c.

Sapaly Freres.—Color of sepals a bright coral-red, corolla violet and carmine red. One of the most beautiful and distinct of the doubles. Each, 15c.

Trailing Queen. (NEW.)

This Fuchsia differs from all others in habit of growth. Instead of growing upward the young branches spread out toward the edge and then droop downward, continuing this way until the vines are four feet or more in length, and covered with handsome foliage. The flowers are borne in clusters, large, long and graceful. The corolla at first is deep violet purple, changing to crimson; buds, tubes and sepals rosy scarlet. Each, 25c.

FUCHSIA SET: One each of above 6, for \$1.00; post-paid.

GERANIUMS.

These plants give universal satisfaction. The flowers are large and showy and embrace nearly every shade in color. Bedded out they make a gorgeous display all summer, while as pot plants they have few, if any, equals. Our list contains the cream of the varieties in each section. Special prices will be given on application for large quantities for bedding purposes.



FUCHSIA, MRS. E. G. HILL, 20c.

ZONAL OR HORSESHOE AND HYBRIDS.

Athlete.—Single. Enormous trusses, flowers of large size, scarlet.

Double Gen'l Grant.—Large truss; brilliant scarlet flowers.

Heteranthe.—Semi-double, soft scarlet flowers, a fine bedder.

Jeanne d'Arc.—Single; compact flower, light scarlet with white center.

La Favorite.—Double, trusses very large, purest white.

Madam Poirier.—Single. Enormous truss, rich violet rose color, upper petals marked with white. A most profuse bloomer.

P. Crozy.—Semi-double. A Hybrid between the Zonales and Ivies, with heavy foliage. Very free bloomer and stands the sun well. Flowers rich vermilion red. This combination of Ivy leaves with freedom of flowering constitutes a new class or type of Geranium.

An advance over all other older kinds.



GERANIUM, PERE CROZY, 15c.

Queen of the West.

—Single. Large truss of orange-scarlet flowers. Great bloomer. One of the very best.

Ralph.—Single. Dark amaranth purple. Profuse bloomer and fine bedder.

Souvenir de Mirande.

—Single. Equally valuable for pot culture or bedding. The finest new Geranium of recent years. It has round florets, upper petals cream white, with a distinct rosy pink border, lower petals salmon rose streaked with pure white; extremely free-flowering and produces fine trusses of magnificent blooms.

Viscount Kero wartz.—Double. Large trusses of delicate pink flowers; fine grower and a good bloomer.

White Swan.—Double. Pure white; remarkably free-blooming. A splendid pot plant, in season a perfect ball of snow-white flowers.

Each, 15c.; 3 for 40c.

ZONAL GERANIUM SET:

One each of above 12, for \$1.20, postpaid.

Scented Geraniums.

Apple Scented.—Exquisite fragrance. Each, 20c.

Rose Scented.—Each, 15c.

Dr. Livingston, or Skeleton Leaf Geranium. Each, 15c.

SCENTED GERANIUM

SET: 1 each, 35c., postpaid.

VARIEGATED LEAVED GERANIUMS.

Chieftain.—A golden disk surrounded with a bronze zone. Each, 15c.

Mrs. Pollock. (GOLDEN TRICOLOR.)—As an ornament for the parlor or conservatory nothing yet excels this beautiful plant. The flowers are dark scarlet; the ground color, or rather the disk of the leaf is green, next comes a zone of bronze-crimson, margined scarlet, then a belt of lighter green, the margin of the leaves being a clear yellow. Each, 25c.

Mad. Sallerol.—Small green leaves tinged with white. Each, 10c.

Mrs. Parker.—Double. Deep green foliage, margined with pure white. Flowers, clear bright pink. Each, 25c.

Prince Bismark.—Golden foliage with a narrow zone. Each, 15c.

VARIEGATED GERANIUM SET: 1 each of above 5, 75c., postpaid.

Ivy Leaved Geraniums.

Beauty of Jersey.—Scarlet, very bright and double. Each, 20c.

Carden's Glory.—Crimson scarlet, double; very large. Each, 20c.

Charles Turner.—Fine bloomer. Color light scarlet with soft rose tint, two upper petals veined with maroon crimson. Each, 20c.

Galilee.—Double, lovely rosy pink varied with lilac. Each, 20c.

Joan of Arc.—The flowers are single, white as snow, and literally cover the plant when in bloom. Each, 25c.

IVY LEAF GERANIUM SET: 1 each, for 90 cents, post-paid.



GERANIUM, GOLDEN TRICOLOR. 25c.



TRAILING QUEEN
FUCHSIA



ARECA.

PALMS.

NOW the most fashionable decorative house and window plants. They require but little care, no more than a Geranium, beyond sponging the leaves once a week. Customers are advised to buy the larger plants, the effect is immediate, and if placed in a handsome jardiniere no more beautiful or ornamental plants can be found. In season for shipping all the year around. An elegant present for a plant-loving friend.

Areca Lutescens.—Dark glossy green leaves golden yellow stems. Plants 1 foot high. Each, 75c.

Chameroops Excelsa.—Leaves divided, very hardy, of rapid growth, easy culture. Each, 30c.

Chameroops Humilis.—Very ornamental. Leaves fan-shaped, divided; stems thorny. Plants 1 foot to 18 inches high, each, 50c.

Cocos Weddeliana.—Its slender erect stem is freely furnished with gracefully arching leaves, of a rich green color. An elegant and graceful Palm. 3 inch pots, 18 inches high, each, 75c.

Corypha Australis.—Upright growth. 5 inch pots, 24 inches high, each, \$1.00.

Cycas Revoluta. (Sago Palm.)—Curious and showy. 3 inch pots, 12 inches high, 75c.

Kentia Belmoreana.—All the Kentias are free from disease. Beautifully curved and reflexed leaves. 3 inch pots, 12 inches high, each, 75c.; 5 inch pots, 2 feet high, each, \$2.00.

Kentia Fosteriana.—Similar to preceding, but taller. 5 inch pots, 2 feet high, \$2.00.

Latania Borbonica.—Of easy culture and rapid growth. Large, broad, fan-shaped, glossy, dark green leaves. 4 inch pots, 12 to 18 inches high, each, 50c.

Pandanus Utilis.—The Screw Pine. Long, grass-like, arching leaves, arranged in a spiral manner on the stem. Plants, 3 inch pots, 10 inches high, 40c.; 6 inch pots, 24 inches high, \$2.00.

Phoenix Reclinata.—Hardy and of rapid growth. Stands hard usage. A fine vase Palm. 3 inch pots, 18 inches high, each, 50c.; 6 inch pots, 24 inches high, each, \$2.00.

Sabal Palm.—The dwarf Palm of Florida and Georgia. Hardy. 4 in. pot, 12 in. high, ea., \$1.00.

The above prices are for Palms by express (unless noted) at purchaser's expense; we add some extras.

Large Specimen Palms.

We have a complete and well assorted stock of extra nice Palms for specimens and decorative purposes from \$5.00 to \$50.00 each. Write for prices and sizes of these specimens.

PANSY PLANTS.

Grown from seeds of our **Prize Medal International Strain.** There are no better Pansies. Should always be sent by express. **DOZ., not prepaid, 60c.; 25 for \$1.00; 50 for \$1.75; 100 for \$3.50.**

PARIS DAISY. (MARGUERITE).—Favorite for bouquets, covered with white bloom in the garden all summer and through the winter in pots indoors. Each, 10c.

PEPEROMIA.—Adapted for Wardian Cases and Ferneries; of dwarf habit, with silvery markings on the foliage. Each, 15c.; 2 for 25c.

PETUNIA, Finest Double Sorts.—Propagated **PELARGONIUM, MRS. R. SANDIFORD.** with golden yellow. Splendid basket plant. Each, 15c.; 2 for 25c.

PILEA Muscosa. (ARTILLERY PLANT).—Very instructive and amusing. For hanging baskets and vases. Each, 10c.; per doz., \$1.00.

PLUMBAGO Capensis.—Large clusters of open flowers of a beautiful light blue shade. Each, 15c.; 3 for 40c.

—Alba.—White, free-blooming and strong. Each, 15c. One each of the blue and white, 25c.

PITTIOSPORUM Var.—Anevergreen pot plant. Pure white, very fragrant flowers. Each, 50c., by express.

POMEGRANATE.—Hardy South. Produces lovely flowers and curious fruit. **James Vick.**—Orange scarlet. **Rubra.**—Peculiar shade of red. Ea., 20c.; 1 of each, 50c.

PRIMULA Sinensis. (CHINESE PRIM-ROSE)—White and crimson. Fine plants, ready for shipment now. Each, 15c.; 2 for 25c.

—Obconica.—Small, lavender-colored flowers, large clusters, always in bloom. Each, 15c.; 2 for 25c.

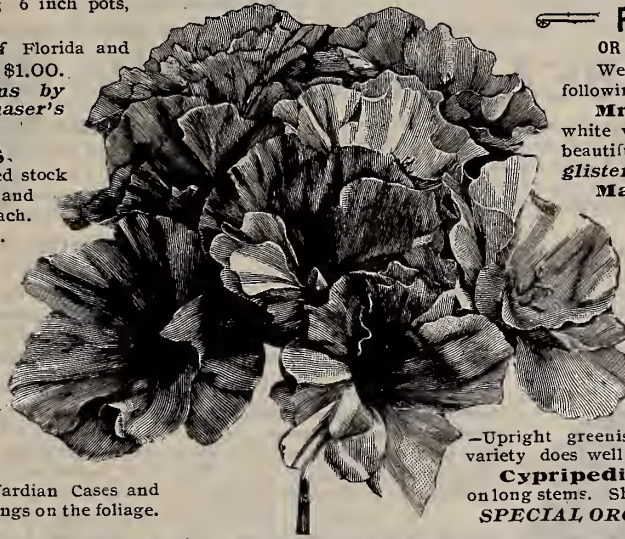
Resurrection Plant.—Each, 10c.

RICHARDIA.—See Callas.

Ricinus. (CASTOR OIL BEAN).—Elegant plants for center of foliage beds. Best dark sorts only. **Ready May 1st.** Each, 15c.

SANSEVERIA Zeylanica.—One of the few plants that flourishes in the living room. A handsome window plant. Ea., 30c. and 50c.

SMILAX.—Well known climber. Each, 15c.; 2 for 25c.



LATANIA BORBONICA.

PELARGONIUMS,

OR "LADY WASHINGTON" GERANIUMS.

Well known plants, favorites with everybody. The following are far in advance of the older kinds:

Mrs. Robt. Sandiford. (NEW.)—Grand white variety, flower large size, well doubled, beautifully ruffled along the edges of the petal and of **glistening snow-white color.** Each, 40c.

Madam Thibaut.—White, richly blotched and marbled with rose, the upper petals marked with crimson maroon; large white center, **immense trusses** of large fine flowers with undulated petals. Each, 40c.

The two for 75c.

ORCHIDS.

Butterfly Orchid.—Can be grown in a sunny window, attached to a block of wood. Flowers pink and chocolate; last a long time. Each, 20c.

Tillandsia, (PINE APPLE AIR PLANT.

—Upright greenish gray leaves. Same culture as above; this variety does well in the shade. Each, 15c.

Cypripedium, (LADY'S SLIPPER.)—Flowers pure white on long stems. Should be grown in soil. Each, 30c.

SPECIAL ORCHID OFFER: 1 each of above for 50c.

TRADESCANTIA Aurea.—New. Leaves marked with golden yellow. Splendid basket plant. Each, 15c.; 2 for 25c.

THYME, Golden.—Hardy. Leaves green, with golden edge, fragrant. Suitable for baskets. Each, 10c.; 3 for 25c.

TROPÆOLUM.—Nasturtium. No plants are better adapted for use in large vases and hanging baskets; persistent in blooming.

CARDINAL PRINCE.—A new hybrid. Flowers very large, orange and scarlet, twice the size of ordinary varieties; freely produced. Each, 20c.

Darkness.—Brownish crimson; a very double-flowered variety. Each, 15c.

Ivy-Leaved.—(HEDERÆFOLIUM.) A pretty sort, color yellow, streaked with red. Each, 15c. **One each of the above 3 Nasturtiums, 40c.**

VERBENAS.—White, scarlet, pink and purple. Each, 10c.; per doz., 75c.; by express, 50 for \$2.00.

VINCA Alba.—Pure white. **Rosea** Rose, dark eye. Each, 10c.

—**Elegantissima.**—Fine for baskets and vases. Leaves blotched yellow and green. Flowers deep blue. Each, 15 cents; 2 for 25 cents.

VIOLET Double Russian.—Hardy and very productive. Flowers are of a very deep shade of blue and one or two petals in each are dotted with red. Each, 25c.; 3 for 60c.

Sweet Scented English Sorts.

Swanley White, large flowers. **Marie Louise,** large double blue. **Single Blue,** very hardy, fine. Each, 15c.; 3 for 30c.

Special Violet Collection, 3 plants each of above 4 kinds for \$1.25.



NASTURTIUM, CARDINAL PRINCE.

ROSE GROWING AT WESTERN SPRINGS.



Our Greenhouses are arranged for growing young Roses, and our soil, a heavy clay loam, is especially adapted for these plants, retaining well a moderate amount of soil on the roots in shipping. Our mail and express facilities to all points are unexcelled. We are able to avail ourselves of the fast trains from Chicago westward or eastward and customers who favor us with their plant orders may rely on quick delivery of this young stock in good condition. We aim to send out, *not the greatest number* of

small Roses of little value, but to *supply good plants* that will give satisfaction. Every order will be made right.

HOW TO GROW ROSES.

Where to Plant.—All bush or dwarf Roses should be planted where they will get the sun all day, never near large trees or in a shady situation. The same applies to running roses.

Cultivation.—Presuming that the soil has been thoroughly prepared, the after culture and care are light. Stir the soil, if possible, once a week, carefully at first, then deeper later on, so weeds cannot grow. You will be delighted to see the vigorous, healthy growth which must precede fine flowers.

Everblooming Roses are quite hardy south of Ohio River, and with protection live through our Northern winters; leaves from forest trees are best for covering.

ROSES BY MAIL.—Unpack immediately. Do not expose roots an instant, but place at once in a shallow dish of tepid water. Towards evening carefully plant in good, mellow soil, thoroughly firming the moist earth around the roots. Shade from the mid-day sun just after planting.

NOTICE.—Plants offered by Express are sent at buyer's expense.

Soil.—Any good mellow soil will grow Roses, but we prefer a stiff loam, avoiding low wet ground. Well rotted manure, chip dirt and barnyard scrapings deeply spaded in (18 to 24 inches) make vigorous plants.

Prune large one and two-year old plants. At least one-half of the long branches should be cut off as soon as the plants are received. Keep the roots moist and away from drying winds. Success in a large measure is assured if the soil be thoroughly firmed around the roots.

ROSES BY EXPRESS.—Are usually packed with part or all the earth adhering to each plant; they *invariably arrive in good order*. If the balls of earth are dry, hold carefully in a pail of water for a moment, then plant, firming the soil thoroughly around the balls. Shade not necessary.

FIVE BEAUTIFUL NEW ROSES.

Kaiserin Augusta Victoria—(Hybrid Tea.) A deliciously fragrant white Rose, the perfume resembling that of the Magnolia. A strong, vigorous grower and a constant bloomer. The flowers are so double that the petals seem to crowd each other, and are of the very largest size; pure white with occasionally a center of shining yellow; somewhat resembles the Bride in shape. First size plants, each, 30c.

Bridesmaid.—A delightful new Tea Rose, a sport from the old and popular pink tea, Catherine Mermet, but of a fine, clear dark pink, much deeper and more constant in color than Mermet. It is now very generally used by the mammoth cut-flower establishments as a substitute for Mermet, by reason of its richer color and greater reliability. It will naturally be associated with the beautiful Bride Rose, which it resembles in shape. Each, 30c.

Mad. Caroline Testout.—(Hybrid Tea.) A beautiful new sort with flowers of splendid form which are as large as Baron de Rothschild and produced as freely as on La France. The color is brilliant satiny rose, deepening at center to clear red. It is of excellent substance, holds its color well, the petals are long and heavy. Each, 35c.

American Belle.—A colored sport from the American Beauty but distinct from it in both flower and foliage. The color of the flower is a deep, clear pink without the slightest tinge of blue as in the "Beauty" but the tint grows deeper with age. It possesses the same delightful fragrance as the "Beauty." The foliage is deep green. The "Belle" has carried off first honors at New York, Philadelphia, Boston, Chicago and wherever shown. Ea., 45c.

American Perfection, New.—A sport from Mad. Pierre Guillot. It shows more vigor than its parent, and each flower stands perfectly erect. In the bud form it looks like a deep colored Mermet. Its proper color is several shades darker, and as it expands, the inner part of the outer petals assumes a pretty shade of pink. Slightly shaded markings, whereas the center takes on a deep pink. The flower is very double and handsome when fully expanded. We class it among our best Roses for out door planting and summer blooming. It is not hardy. Each, 20c.; 3 for 50c.

SET OF FIVE NEW ROSES FOR \$1.30.

CLIMBING TEA AND NOISETTE ROSES.

Marechal Niel.—(Noisette) A Rose so famous as to hardly need a description here. The most beautiful large golden yellow grown; very full and double and exceedingly fragrant. It is naturally a climbing rose, and should not be pruned too short. We keep several sizes of this most popular sort and would advise our customers to try the larger sizes for the most satisfactory and permanent results. First size plants, each, 15c. 2 for 25c.; extra size, 25c., postpaid. Grafted plants, by express at buyer's expense, large size, 35c.; extra size, 75c. 3-year plants, 8 to 12 feet long, ea., \$2.00.

Chromatella.—Clear, bright yellow, large, very full and double, very sweet. Each, 15c.

Climbing Niphotos.—It can be trained to walls, rafters, etc.; makes immense long pointed buds; color pure snowy white. Ea., 20c.

Lamarque.—Pure white and double. A most beautiful rose. It has been a favorite bridal rose for many years. Each, 15c.

Wm. Allen Richardson.—Immensely popular on Pacific Coast and where known. Ea., 15c.

Gloire de Dijon.—Very largely used South as a pillar rose. It is noted for the great size of its flowers, its delicate tea scent and its color, a blending of amber, carmine and cream. Each, 15c.

Climbing Perle.—A vigorous climber with beautiful large, double golden yellow flowers. Each, 20c.

Reine Marie Henrietta, OR RED FLOWERING GLOIRE DE DIJON.—Flowers large, full, of fine form, very sweet-scented; color a pure cherry red. Each, 15c.

Solfaterre.—A rich shade of lemon yellow, very double fine bloomer. Each, 15c.



AMERICAN PERFECTION.



MARECHAL NIEL.

See colored pages in front of this book for

"NEW ROSES."

It will pay you to read our Special "COLLECTION" offers on the following Rose pages.

ROSES.—CONTINUED.

LA FRANCE SET.

These four La France Roses are certainly nearest perfection of all flowers, and nothing can compare with them in the eyes of the true rose lover. A distinctive characteristic of the set is the *true La France* fragrance by which every one may be known. Some day we hope to add a yellow one.

Striped La France. (MADAME VREDENBURG.)—A few years ago we laughed at the idea of a variegated Rose. Now we have them in variety. Imagine a lovely rose with the shape and fragrance of a La France, of a rich creamy pink with a silvery gloss, growing deeper at base of petals, the whole beautifully etched and streaked with delicate carmine. This rose is a sport of La France, but if anything, stronger in growth, with the same elegantly shaped bud and the same beautiful full blown flower. We find it the most attractive and showy Tea Rose of recent introduction. A very free bloomer, every shoot producing a bud. 20c.

Red La France. (DUCHESS OF ALBANY.)—This variety is a sport from La France, deeper in color, more expanded in form and larger in size. The flowers are deep even pink, very large and full, highly perfumed and of first quality in every respect. The growth of the plant is vigorous, habit good, and the flowers are produced in extraordinary profusion the plants being continually covered with handsome blooms. Each, 15c.

White La France. (AUGUSTINE GUINOISEAU.)—Here we have a beauty, indeed, one we can recommend to all, whether for out-door culture or for pots in the house in winter. If you were to ask us to select six of the very finest Roses for you, we should be sure to include it in the six. Do you know La France? If so, you know this elegant new Rose. It is identical with La France, except the color. It is pearly white, sometimes tinted with fawn. We predict for it far more popularity than La France ever attained. 20c.

Pink La France.—Undoubtedly the most perfect type of a cut-flower Rose; its large, well-opened flowers, with long stems and elegant foliage shown in finest cut-flower stores of the largest cities, are considered by cut-flower buyers the most beautiful of this class. No variety surpasses it in delicate coloring—silvery rose, shaded pink, with a satiny sheen over all its petals. Flower large, keeps well, and of distinct, pervading fragrance, which, more than anything else, marks this rose and the other three which we offer with it. Blooms profusely until frost. Each, 15c.

The La France Set of Four, 50 cents.

Standard Collection of Ever-blooming Roses,

Perle des Jardins.—Unquestionably the finest yellow Rose for either winter or summer flowering. The flowers are very large and double, of perfect form. Color a rich shade of yellow; a healthy free grower, with beautiful foliage and great profusion of bloom. No collection of roses is complete without the Perle. Each, 10c.

Catherine Mermet.—A very beautiful Tea Rose, valued highly for its elegant buds; color clear shining pink, with delicately shaded amber and fawn center; large, globular flowers; one of the very finest varieties; a strong, healthy grower and a good bloomer, equally desirable both for open-ground planting and forcing under glass. Each, 10c. See cut next page.

Marie Guillott.—Perfection in form, flowers large and double to the center. This variety holds first place among white Tea Roses in purity of color, depth of petals and queenliness of shape, grows well and is healthy. The best white rose for general purposes grown. Each, 10c.

Madame Elie Lambert.—Fine, large, full double flower, globular and cup-shaped; the outer petals pure white, the center of a beautiful rosy flesh color, often changing to deep rosy carmine; very distinct and fine. Plant a vigorous grower and remarkably free in bloom; a decided novelty in color, and one that will be sure to please. Each, 15c.

Papa Gontier.—A grand red Tea, of fine crimson shade and *silken* texture (as distinct from velvety texture). The bud is of fine size and graceful form, and you would never suspect from it that the Rose is only semi-double. Extremely free both in growth and bloom. Very long and beautifully-leaved stems can be cut, the foliage being very dark and heavy. One of the best; a perfect bedder. 15c.

Hermosa.—A very beautiful Rose and always in bloom. The flower is cupped, finely formed and full; color the most pleasing shade of pink, soft but very deep; very fragrant; a good grower and of graceful habit. A standard variety. Each, 15c.

Eliza Fugier.—A beautiful variety; with long pointed buds. It is a seedling Niphotos, which it greatly resembles in style of flower; color light cream, sometimes slightly edged rose. Each, 15c.



Clothilde Soupert, (introduced in America by us,) is now known to thousands of our readers, and by the hundreds of testimonials received, we are led to believe it the *most popular Ever-blooming Rose of to-day*. Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make a most beautiful Rose. We sold over 50,000 plants of this last year. Ea., 25c.

Madame de Watteville.—Color a beautiful, creamy yellow, tinged with large, shell-like petals, having a crimson border. There is no other rose like it in color. The Tulip Rose of Europe, so called from its feathery shading of petals. One of the finest and most unique Roses ever introduced.

Souvenir de Wootton.—This is a remarkably brilliant and striking Ever-blooming Rose; bright magenta red, passing at base to fine violet crimson, richly shaded; flowers are large, full and regular, with thick leathery petals and delicious tea scent; makes beautiful buds and is recommended both for open ground and conservatory. Ea., 10c.

The Standard Collection of Ever-blooming Roses, 1 each of above 10 sorts and 1 Dawson Rose, for \$1.00, postpaid.

HARDY CLIMBING ROSES

These Hardy Climbers are beautiful on lattice work or trellises, and valuable where any object is to be covered quickly or a shade is wanted. They are continuous bloomers in May and June and often flower again in the spring.

Baltimore Belle.—The best white climber; has been known to grow 20 feet in one year. Flowers very double, in clusters of a pale bluish color.

Seven Sisters. (GREVILLE.)—Flowering in large clusters of seven each; each cluster a bouquet itself. Color clear pink, often variegated white and crimson.

Prairie Queen.—The only red climbing rose we have that is perfectly hardy and will bloom the first year. The flowers are very large and of perfect globular form. Bright rosy red changing lighter as the flower opens.

Plants, about 1 foot high, postpaid, 25c., Extra Size plants, Field grown, 2-yrs. old, by exp., 35c.; 4 for \$1.00; 13 for \$3.00.

Everblooming Hardy Climber, MARY WASHINGTON.

This beautiful climbing Rose has been procured from the Washington Estate at Mt. Vernon, and whether it was ever raised from seed by the Father of his Country or not, it certainly has its right to the Washington name. It is a remarkably free bloomer, commencing to bloom when the plants are very small and continuing throughout the season. The flowers are pure white, quite double and very fragrant, blooming in clusters and very profusely. It is hardy in most sections, with slight protection. We have splendid thrifty plants. Each, 15c.; 3 for 40c., postpaid.

Cherokee Rose.—A continuous flowering climber with fine velvety green buds; pure white flowers borne in clusters. The foliage is small and very dark glossy green, contrasting beautifully with the flowers. Each, 15c.; 2 for 25c.



CLOTHILDE SOUPERT.

EVERBLOOMING ROSES.

The Roses offered under this heading are greenhouse grown, from pots, and prices by mail include prepayment.

Price, except where noted, your selection of sorts, each, 10c.; 15 for \$1.00, by mail postpaid.

Agrippina.—Rich, velvety crimson, unsurpassed for bedding.

AMERICAN BEAUTY.—Noted for the great size and beauty of its buds; rosy crimson, deliciously fragrant. A grand rose. Each, 20c.

Cornelia Cook.—Magnificent buds of immense size and perfect form; color pure creamy white, sometimes tinged with pale lemon and blush; double.

Dinsmore.—A magnificent rose, hardy, of fine form, rich foliage and rapid growth; color bright crimson; large double flowers; a prolific bloomer.

Douglas.—Dark cherry red, rich and velvety; fine for forcing and bedding.

Docteur Grill.—Extra large, handsome flowers; clear buff pink, passing to clear rose and fawn; suffused with pale canary yellow; richly scented.

Duchess Marie Salviati.—Beautiful chrome yellow; elegantly tinged with orange, passing to buff, prettily flushed with pale rose; buds and outer petals exquisite orange red; buds large, long and pointed; flowers extra large, full and very sweet.

Francisca Kruger.—A strikingly handsome Rose, and one of the best for open-ground culture especially adapted for beds or masses; the splendid flowers are deeply shaded copper yellow in color.

Gloire des Cuivres.—Flowers large, full to the center; color a lustrous shade of salmon rose, delicately tinted with fine coppery gold. Buds sometimes citron red, with deep golden center; a constant bloomer and delicately perfumed.

Isabella Sprunt.—Bright canary yellow; large beautiful buds; very sweet tea scent; profuse bloomer. Valuable for cut-flowers.

Madame Cusin.—A rosy purple, base of petals and center of flowers almost white; no other rose having its peculiar shade.

Madame Hoste.—This is unquestionably the Rose par excellence. The size of the bud certainly startles the beholder, being long and pointed; lovely creamy white. Strong sturdy grower and good bloomer.

Mme. Joseph Schwartz.—Extra large, globular flowers, very full and deliciously sweet; pure white, delicately tinged and shaded with pure yellow.

Madame Pierre Guillot.—Moderately vigorous in growth; flowers large and nice shape; color orange yellow, bordered and lined with rosy carmine, reverse of the petals yellowish-white. A very striking Rose and a favorite with florists. Each, 15c.

Marie Van Houtte.—Creamy white, with the outer petals washed and outlined with bright rose. Blooms freely and is deliciously scented.

Marie Lambert.—A strong, vigorous grower with small pure white flowers; has been called White Hermosa, as it resembles Hermosa in form and freedom of bloom; a valuable bedding variety. Blooms all summer long.

Niphetos.—An elegant Rose; very large and double; delicately fragrant; color pure snowy white, highly valued for its buds, which are remarkably big and fine.

Safrano.—Bright apricot yellow, changing to orange and fawn, sometimes tinted with rose; valued highly for its beautiful buds.

Sombreuil.—Large, finely formed flowers; white, tinged with delicate rose; blooms in clusters.

Souvenir de la Malmaison.

Flower is extremely large and double. Color is flesh white, clear. Easily the finest Bourbon Rose. Its great beauty in the fall makes it the finest of all at that season of the year.

Sunset.—Rich golden amber, shaded with dark ruddy copper. A constant bloomer.

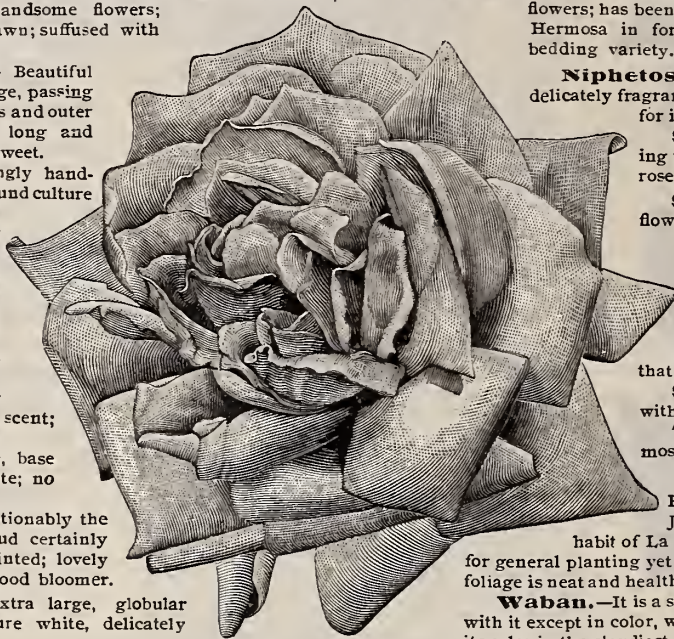
The Bride.—This is decidedly the most beautiful white Tea Rose.

Triumph de Pernet.

Possessed of the form and fragrance of Gen. Jacqueminot and the free, ever-blooming

habit of La France, it is the best red hybrid tea for general planting yet offered. It has great vigor of growth, foliage is neat and healthy, flowers are of fine form; a free bloomer.

Waban.—It is a sport from Catherine Mermet, and identical with it except in color, which is a rich, deep, bright pink, retaining its color in the cloudiest weather.



MADAME PIERRE GUILLOT.

EXTRA STRONG ROSES FROM 4-INCH POTS FOR IMMEDIATE BLOOMING.

To accommodate those who wish to make a Rose bed that will be effective from the day it is planted, come into bloom at once and continue to flower throughout the season, we have prepared a splendid collection of EXTRA STRONG ROSES. These plants are grown in four-inch pots, are shipped with the balls of earth intact around their roots and for this reason are much superior to field grown stock whose working roots must form after replanting and before the plants will bloom. Success is positively assured with these pot grown plants. Our collection contains a wide range in shades and colors and in shape of the buds and flowers. Hundreds of these collections were sent out last season and gave great satisfaction. On account of their age and size these plants must be sent by express, as they have balls of earth, and cannot be mailed. We offer the following varieties:—

Agrippina, crimson.

Bride, white.

Catherine Mermet, pink.

Clothilde Soupert, blush.

Dinsmore, crimson.

Douglas, cherry.

Duchess of Albany, dark red.

Hermosa, pink.

Isabella Sprunt, yellow

La France, pink.

Madame de Watteville, cream.

Madame Hoste, creamy white.

Madame Pierre Guillot, tinted

Marie Guillot, white.

Malmaison, flesh.

Marie Lambert, white.

Niphetos, white.

Papa Gontier, deep red.

Perle of the Garden, yellow.

Waban, deep pink.

We offer this unequalled assortment of Roses for bedding, 20 fine plants one of each variety for \$5.00. Any ten of them for \$2.75, or single plants at 30c. each. We reserve the right to substitute if our stock of some varieties should become exhausted.

Ever-blooming Rose Collection, No. 1,

One fine plant each, of

Agrippina.
Marie Lambert.
Clothilde Soupert.
Perle des Jardins.
Catherine Mermet.
Papa Gontier.
Sunset.

Seven kinds, postpaid, for 50 cents.

SPRINGFIELD, MONT. The Roses sent me by mail did all very well, not a single one died. Clothilde Soupert by far exceeded any Rose I have yet seen. At one time it had 23 buds and roses in full bloom.

J. P. SIMONS.



A 3 FOOT BED OF EVER-BLOOMING ROSES. 20 VARIETIES, PRICE, \$5.00.

Ever-blooming Rose Collection, No. 2,

One fine plant each of eighteen varieties Ever-blooming Roses, selected by us from our general list. Eighteen kinds, postpaid, for \$1.00.

SANTA FE, N. M. The Roses did well, especially the La France and Duchess of Albany. I saw the roses at the World's Fair and I did not see any superior to mine in that immense collection.

AMADO CHAVES, Supt. Public Instruction, of New Mexico.

SPRINGFIELD, ILL. The 20 Roses I bought of you proved the most satisfactory flower purchase I had ever made.

A. B. MACPHERSON.



* HARDY HYBRID PERPETUAL ROSES.

THE Hybrid Perpetuals are considered the most valuable of all Roses. They are chiefly distinguished for their vigorous growth and fine large flowers, and for being entirely hardy. They are particularly valuable for permanent beds or borders in the Northern and Middle States. The flowers are large, often measuring five to six inches in diameter, very fragrant, and of all the colors known to the Rose.



GENERAL JACQUEMINOT.

American Beauty.—This variety has been rightly described an ever-blooming Hybrid Perpetual. The flowers are very large, of beautiful form and very double; color a deep, rich rose. The fragrance is delightful, resembling La France or the old-fashioned Damask Rose. It is truly an ever-bloomer, each shoot producing a bud.

Anna de Diesbach.—Bright rose color, very large and showy; particularly fine in bud; flower slightly cupped. A vigorous grower; one of the best.

Baroness Rothschild.—Most beautiful of all Roses. Of immense size, perfect form and exquisite color; rich lovely shade of pale pink, delightfully perfumed.

Ball of Snow. (BOULE DE NEIGE.)—Rose of large size, perfectly double, fragrant, pure white, entirely hardy.

Captain Christy.—Delicate flesh color, deepening in shade toward the center; beautiful foliage, resembling Mahonia leaves; a most lovely sort.

Coquette des Alps.—A large white flower, occasionally shaded with bright pink; constant bloomer, bearing its flowers in clusters; fine flower.

Countess of Oxford.—A superb Rose. Extra large flowers, full, perfect form, exceedingly sweet. Color a bright carmine red, elegantly shaded.

Duke of Edinburgh.—Dark, velvety maroon; full, regular form, very handsome and fragrant.

Earl of Dufferin.—Fine velvety crimson, beautifully shaded with dark, rich maroon; very large, full and finely formed; fragrant, and a free bloomer.

Fisher Holmes.—Dark, rich scarlet, shaded with deep, velvety crimson, beautiful, extra large, full flowers; fragrant.

Francoise Levet.—Soft China pink, delicately shaded carmine and bluish; large, finely formed flowers, delightfully fragrant.

Giant of Battles.—This is still esteemed as the very best rich red Rose. Very large, double, full and sweet. Excellent.

Gloire Lyonnaise.—This grand Rose is the only yellow Hybrid Perpetual we have. It cannot be called deep yellow, but rather a pale shade of chamois or salmon yellow, deepest at center, sometimes passing to a rich, creamy white, finely tinted orange and fawn. The flowers have all the beauty of Tea Roses, large and full and delightfully sweet.

General Washington.—This splendid Rose is one of the best Hardy Perpetuals for general planting; color bright shining crimson, very rich and beautiful; flowers large and perfectly double; blooms the first season, and almost constantly.

General Jacqueminot.—Rich velvety crimson, changing to scarlet crimson. A magnificent rose; equally beautiful in the bud state or open. This is the best known of all Hybrid Perpetuals, and is without a rival in fragrance and richness of color. It is as easy of cultivation as many of the more common varieties; and perfectly hardy.

John Hopper.—One of the most reliable and satisfactory H. P. Roses; flowers large, regular and full; color brilliant rose, changing to bright glowing pink, shaded with rich crimson; very sweet, and remarkably profuse bloomer.

Mme. Gabriel Luizet.—One of the most beautiful of all Roses. It is extra large, with broad, shell-like petals, elegantly formed, very double and full, delightfully perfumed. Color an exquisite shade of clear coral rose beautifully suffused with lavender and pearl.

Mme. Plantier.—This is the best every day Rose we know. Good for anybody or everybody at any place and at any time. The plant grows in a very fine bushy form, and produces flowers in great abundance in June; especially desirable rose for cemetery decoration.

Paul Neyron.—Deep shining rose, very fresh and pretty. Flowers large, often measuring five inches in diameter, and it has this merit; though very large, the buds always develop fine, perfect Roses. It is, moreover, a good, strong grower, with nice, almost thornless stems which often attain six to seven feet in a single season.

Perle des Blancches.—A finely formed, pure white Rose. Occasionally shows light flesh when first opening. Beautiful shell-shaped petals, evenly arranged. Flowers of good size, perfect and of fine form and finish.

Prince Camille de Rohan.—Very dark, rich, velvety crimson, passing to intense maroon, shaded black; large, full flowers, looking at a distance as if really black. One of the darkest Roses; very handsome.

Ulrich Brunner.—A splendid Rose, either for garden or forcing. It is of a rich, glowing crimson-scarlet color; produces flowers of exquisite shape; a strong, vigorous grower and free, continuous bloomer; should be in every garden.

Vick's Caprice.—Color soft, satiny pink, distinctly striped and dashed with white and carmine. Buds quite long and pointed, also showing the stripes and markings to advantage. Pot plants only. Each, 20c.; 3 for 50c.

Mrs. John Laing.—This Rose for out-door planting is undoubtedly the finest rose introduced for many years; entirely hardy. Color a beautiful soft pink, with most delicious fragrance; of exquisite shape, very double and of large size; a strong grower. We cannot say too much of the rare beauty of this rose.

Magna Charta.—A splendid Rose; extra large, full flowers, very double and sweet; color clear rosy red; beautifully flushed with violet crimson; a sure bloomer; one of the hardiest and best for general planting.

Marie Bauman.—Bright carmine, flower very large and of exquisite form; free bloomer. In every way one of the finest Roses grown.

Mabel Morrison.—Petals thick and of a very soft, smooth texture; shell-shaped; very double and rounded in form; of the purest white.

Marshall P. Wilder.—A Rose of unusual excellence. Flowers are large, semi-globular, full and of good substance. Color a bright scarlet crimson, richly shaded with maroon, very fragrant and a free bloomer.

Persian Yellow.—The Hardy Yellow Rose of our mothers' gardens. Perfectly hardy; flowers double and full, deep golden yellow in color; blooms very freely in June. The finest hardy yellow rose grown.

Extra strong 2-year dormant plants, by Express, each, 35c.; 6 for \$1.75; 12 for \$3.00. If by mail, each 40c.; 3 for \$1.00.

Rugosa Rubra.—Flowers very large, of a clear pink and bright carmine color, the fruit is beautifully shaped and polished, and brilliant crimson, making them equally effective in flower and in fruit. Two-year old field grown plants, each, 40c.; 3 for \$1.00.

Rugosa Alba.—Lovely pearly white flowers, and bright golden fruit with scarlet cheek, both contrasting finely with the rich, glossy leaves of this class. A plant of dainty loveliness and always very scarce. Two-year old field grown plants, each, 40c.; 3 for \$1.00.

Rugosa Mme. George Bruant.—This new ever-blooming Rose inherits the beautiful foliage and hardness of the Rugosa with the flowering qualities of the Teas. The flowers are pure white, semi-double and borne in clusters; buds long and pointed, similar to Niphetos in shape and very fragrant; hardy everywhere. It forms a handsome bush for the lawn as it retains the heavy, thorny canes and glossy leaves of the Rugosa class. Each, 30c.; 3 for 75c.

Dawson Rose.—A new Hybrid Rose of perfect hardihood, the result of a cross between the Rosa Multiflora and the General Jacqueminot. It possesses the trailing habit of the Multiflora Rose, especially adapting it to cover trellises, etc., while it will also make a large bush if allowed to grow by itself. The flowers are semi-double and of a clear rose color, two inches across, and borne in immense panicles of often sixty perfect blossoms, of exquisite fragrance. Each, 30c.; 3 for 75c.

SPECIAL OFFER: Rugosa Rubra (or Alba), Wichuraiana, Dawson, Eglantine for \$1.00, postpaid.

Perpetual Moss (BLANCHE MOREAU).—The best White Moss Rose. Flowers are produced in clusters and are large, full and sweet. Color is pure white, and both flowers and buds have an abundance of dark green moss. Each, 30c.; 3 for 75c.

Glorify of Mosses.—The open flowers are very bright and of most delicious fragrance. Color a rich, glossy pink, tinged crimson; large and globular. The buds are almost hidden with beautiful green moss. Easily grown.

Princess Adelaide.—One of the best; extra large flowers; very double and; fragrant buds beautifully mossed; color bright rosy pink perfectly hardy.

Extra plants, field grown, dormant, 40c.; 3 for \$1.00, postpaid. By express, 30c.; 3 for 75c.

MOSS ROSE COLLECTION, 1 each 7 kinds, extra size plants, field grown, about 2 ft. high, \$2.25. By Express, \$2.00.

RARE HARDY ROSES.

Rosa Wichuraiana.—It is of a very rapid, prostrate habit of growth, quickly covering the ground with

a mass of very deep, glossy green foliage. In middle July the flowers appear in bunches in profusion, and continue all summer. Flowers are about two inches across, single, creamy white, with showy masses of golden yellow anthers, and intensely fragrant. For use as a cover plant on banks, ledges, or masses of rock this is unsurpassed, quickly producing the effect desired, and this with the showiest of foliage and a mass of bloom at a season when flowers are becoming scarce. Used in quantities for landscape work in parks, and no private place exists on the grounds of which it cannot be used to advantage. Each, 20c.; 3 for 50c.

True Old English Sweet Briar Rose, Eglantine.—Very desirable for shrubberies and general planting. Flowers are bright pink and single, but the exquisite fragrance of the flowers, leaves and young branches in the early spring frequently perfumes a whole neighborhood. Each, 15c.; 3 for 40c.; doz., \$1.50.

Perpetual White.—One of the most mossy varieties, prettiest in bud; the flowers are of medium size and borne in clusters; fragrant, but not very double. Color pure white.

Perpetual Moss. (MOUSSELINE).—Extra fine, large, very full and fragrant. Color a pure white, sometimes shaded with rosy blush. Elegantly mossed and very beautiful. A continuous bloomer.

Crested Moss.—Admired for the heavy moss covering of its very large, full and extremely double bright rose buds. A remarkably free, spring bloomer. Proved one of the very best Moss Roses we have.



ROSA WICHURAIANA.



VAUGHAN'S WINDOW GARDEN.

A great variety of plants may be grown in the window garden, but only long experience can teach one to CHOOSE THE BEST; that is the *best value for the money*, in adaptability, easy culture, wealth of bloom and luxuriance of ornamental foliage, (the last an important point). We have prepared this collection of seven beautiful, easily grown varieties which are especially suited for a window garden; and as flowers are one of the attractions of a refined and beautiful home, and brighten and adorn the most humble, the investment of one dollar cannot be made in a more satisfactory manner.

Solanum Jasminoides Grandiflora.—A most beautiful climbing and trailing plant, which never attains a greater height than 5 or 6 feet, and if desired can be cut back to bush form. It has star-shaped flowers, something like a clematis, borne in large clusters or panicles, often a foot across. In color they are pure white with a violet tinge on back of petals and on the buds. It is a free and constant bloomer, commencing when only a foot high, and the flowers keep perfect a long time before fading. Strong plants, each, 25c.

Rose, Clothilde Soupert.—The most popular ever-blooming Rose of to-day. It has all the wonderful freedom of bloom peculiar to the older varieties of the Polyantha class. The flowers are of medium size, very double and beautifully formed, oval at first, but flattening as they expand. The color is a pearly white at the outer edge, shading to a center of rosy pink, sometimes varying in shade to nearly pure white. Fragrance exquisite. It is one of the best roses for the amateur. Strong plants, each, 25c.

Ivy Geranium, Chas. Turner.—For general purposes and as a house plant there is not one in all the list of Ivy Geraniums that can compare with this superb variety. Without question, it is the *best bloomer*, color light scarlet with soft rose tint, two upper petals veined with maroon crimson. 25c.

Cissus Discolor (TRAILING BEGONIA).—A climber with very beautiful foliage, deep velvety green, mottled with white on the upper surface; underside of a deep reddish purple. For trailing over the side of a window box, it is one of the most odd and attractive plants. Each, 25c.

The Mexican Primrose.—As a window plant this combines a great hardiness and ease of culture with great beauty. It is strictly a perpetual bloomer, good specimens showing from 10 to 30 large saucer shaped blossoms, about three inches across, of a beautiful bright clear pink color, veined with scarlet and with a white center. Seldom grows over 13 inches in height. Fine plants, ready for immediate blooming. Each, 25c.

Chamærops Humilis.—A very hardy dwarf fan palm from Southern Europe and Northern Africa, and one that can be highly recommended for house and window culture. The leaves are a deep rich green, fan-shaped, split deeply into segments, making it one of the most effective decorative plants; stands ill usage remarkably well. Each, 30c.

Pteris Tremula (SHAKING FERN).—The foliage is large and very graceful. The slightest movement of the air shakes the leaves of this sort. It grows readily and very fast, making new fronds quickly after being cut. Keep the leaves free from dust and sprinkle lightly every warm day. We recommend this as being best for house culture. Each, 20c.

For \$1.00 we will send the complete collection, one plant each of the seven varieties, labeled and carefully packed, postpaid; or you can make your own selection (*from the collection only*) of any variety at prices attached. This is one of our World's Fair BARGAIN OFFERS of seven best window or house plants, worth at retail \$1.75 made to introduce our choice plants everywhere.

Order early.



Vaughan's Hanging Basket Collection.

We have selected six of the best, most suitable and easily grown varieties for this purpose, made up especially so as to secure the *best effect for the least money* and kinds that will thrive with ordinary care indoors in any window, or out-doors on porch or veranda and give you a grand show of foliage and flowers throughout the season; and at such a low price that every one can afford to purchase.

Abutilon Eclipse.—Often called "Flowering Maple". A pretty trailing variety, with the fine flowering habit of the upright kinds, foliage beautifully marbled deep green and yellow; a free bloomer. Each, 15c.

Begonia Rex.—Beautiful foliage; the large leaves are flaked and banded with white and silver, set off by the rich red stems, make a handsome contrast with the green and gold of the other plants. Each, 15c.

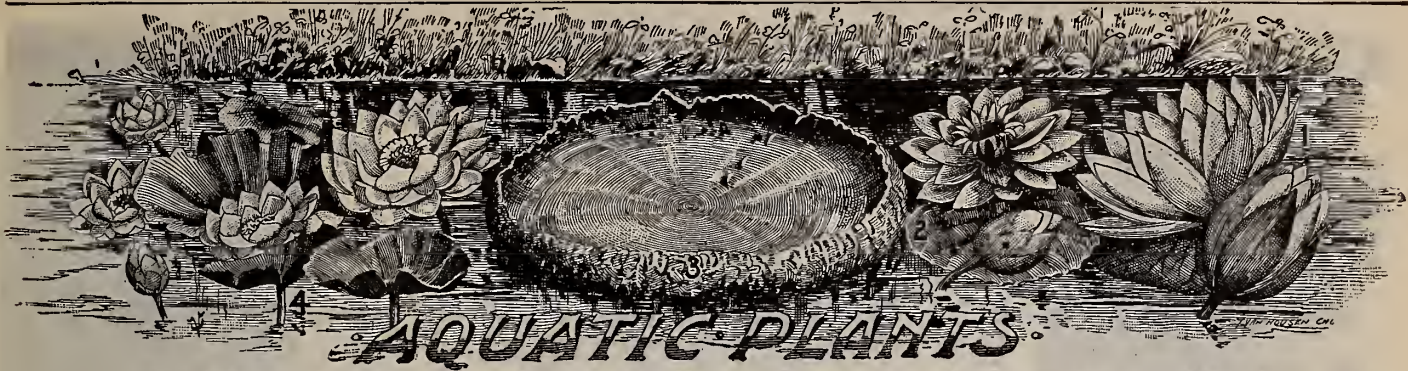
Fuchsia, (TRAILING QUEEN).—The mass of wavy vines covered with pretty leaves and bright flowers, hanging over the side of basket or vase, are exceedingly attractive. The flowers are borne in clusters, large, long and graceful. The corolla at first is deep violet purple changing to crimson, buds, tubes and sepals rosy scarlet; profuse bloomer, vigorous grower. 25c.

Nepeta Glechoma.—A hardy variety, prettily marked with pure white on a green ground. The leaves have a refreshing fragrance similar to mint. Is a vigorous grower and one of the most useful plants for festooning work. Can also be used to good effect in cemeteries to cover graves. Each, 15c.

Sword Fern.—A fine basket plant with fronds often four feet long, wonderfully well adapted for house culture, propagating itself very fast by feeders and runners. Each, 20c.

Wandering Jew, (Tradescantia Variegata).—Leaves variegated with red and gold. Each, 15c.

We offer the complete COLLECTION, one strong, healthy plant of each, for SEVENTY FIVE CENTS postpaid, or your choice of any variety at price attached.



NO. 1, NYMPHÆA DEVONIENSIS. NO. 2, N. ODORATA ROSEA. NO. 3, GIANT WATER LILY. NO. 4, ZANZIBARENSIS.

AQUATIC PLANTS. WATER LILIES.

AQUATIC Plants are now more popular than ever before; grand displays of them have been made in the parks of the larger cities, and many private places have now their water gardens. No class of plants can give more pleasure and none requires less care. Those who have shallow ponds can grow these plants at trifling expense, or an artificial pond may be made by removing the soil to the depth of two feet and covering the sides with cement. Most aquatics also thrive well in tubs, which may be made by sawing a barrel in two, covering the bottom with soil, over which a layer of sand is placed to keep the water clear; sink in the ground to the depth of three or four feet. By covering the tank or tub with boards and straw in winter, most tender aquatics can be kept safely. Plant in two feet of water and in full sunlight.

NYMPHAEAS.

Red Water Lily. (N. DEVONIENSIS)

—This is one of the choicest in cultivation, leaves often measuring 25 inches in diameter and the flowers 12 inches, of a rosy red color with scarlet stamens glowing by lamp-light with indescribable color. Each, \$1.50

Blue Water Lily. (N. ZANZIBARENSIS.)—This is beyond a doubt the finest and deepest colored blue. It is of a shade of blue so deep that it can be called purple, and often is called the "Royal Purple," and sold for \$5.00 each. Continuous bloomer. Our Price, each, \$1.50.

Giant Water Lily. (N. RENIFORMIS GIGANTEA.)—This is a large white form of Reniformis which one of our collectors discovered in one of the beautiful lakes of Michigan. Its flowers often grow 9 inches in diameter and it is as fragrant as N. Odorata. Perfectly hardy and an ever-bloomer. We predict a grand success for this Lily. Each, 25c.; 3 for 65c.

Pink Water Lily. (N. O. ROSEA.)—This is the famous pink Lily of Cape Cod. It is very fragrant, hardy, and a free bloomer, of a deep pink, somewhat like the rose "Hermosa." We pronounce this the most lovely and desirable hardy Water Lily and are happy to offer good roots at a reduced price. Each, \$1.50.

Fragrant Water Lily. (N. ODORATA.)—The well known white, noted for its fragrance. Hardy anywhere. Each, 25c.

Golden Water Lily. (N. MEXICANA.)—Said to be the best of all the Nymphaes for tub culture. Plant closely resembles N. Flava in habit of growth, size and color of the leaves. The flowers are rich golden yellow, five inches in diameter, very fragrant, and produced freely through the season until frost. Numerous runners are formed during the season, and these also bear flowers. As this variety at no time goes into complete rest it should never be dried off. Each, 50c.

Yellow Water Lily. (N. FLAVA.)—Native of Florida, and not found in any other part of the world. Leaves beautifully variegated with brown; flowers bright golden yellow and deliciously scented, something like Locust tree blossoms but more delicate. It is perfectly hardy at the North but should have as warm a position as possible during the summer. It is best grown in a tub, wintered in a cellar or other warm situation and started into growth as early as possible in the spring. A charming addition to any collection. Each, 25c.

SPECIAL OFFER:—One each of the above 7 splendid Nymphaes, making a superb collection, for \$5.00, post-paid.

→ AQUATIC HANGING BASKET. ←



AQUATIC BASKET.

This is a novelty indeed, and as our illustration shows, contains a Parrot's Feather hanging over the edge of a water-tight dish, and the Water Snow Flake growing in the center. The long trailing stems of the Parrot's Feather plant are covered with whorls of exquisite foliage finer cut than a Cypress Vine, a rank grower and in 3 weeks covers the whole edge. In the middle of the dish is the Water Snow Flake plant. Its manner of growth is singular, the leaves grow to the surface like a Water Lily and the flowers are produced in clusters on the stem. The flowers are white and an inch or more across, covered with a delicate fringe. They are produced freely all summer and all winter if kept hanging in a sunny window. These plants grow very rapidly and can be used to advantage in aquariums. Both plants for 50c., postpd.

Pontederia. (WATER HYACINTH.)

—This rare and beautiful plant differs from any other water plant in unique foliage, Orchid-like flowers about 2½ inches in diameter, delicate lilac in color, shaded with rose, with an orange spot on the upper petal. It can be grown in the open air in summer and in the window in winter. The plants will thrive in any vessel of water placed in the sun. The most beautiful effect is produced by using a glass vessel of some sort, with shells and white sand so arranged in the bottom as to conceal a small amount of soil. The plant is so easily grown, so attractive and different from other plants, that it is sure to greatly interest every one. Each, 20c.

Water Poppy. (LIMNOCHARIS HUM-BOLDTII.)—A charming and easily cultivated plant, with small, oval leaves, and large showy flowers of bright lemon color, standing a few inches out of the water and produced freely all summer. Easily grown in a shallow tub or pan, and will prove a great attraction. Each 35c.

Lotus. (NELUMBIUM.)

Egyptian Lotus. (N. SPECIOSUM.)

This flower is to-day the grandest, the most beautiful, and the most delicately perfumed of all flowers. It rears its blooms to the height of nearly 8 feet, and produces one flower to every two leaves. These leaves are cup-shaped and during a shower the leaf fills with water until full of overflowing, when the stem gracefully bends and the cup is emptied with a loud splash, while the leaf immediately resumes its upright position. The petals are creamy white shaded to a rosy pink at the tip. A constant bloomer and perfectly hardy, living for years in a tub. We commend it to all. We have a large stock and offer it at a low figure. Each, \$1.50. (Former price, \$2.50.)

American Lotus. (N. LUTEUM.)

—Resembles the above, but the flowers are a rich sulphur yellow and as large as a quart bowl. A good companion to the above. Perfectly hardy. Each, \$1.

Water Lily Seed.—Three fine varieties mixed. Pkt., 35c.



EVERYBODY'S COLLECTION.

20 PLANTS
 Beautiful Everblooming PREPAID FOR \$1.00

That every farm house on the Western prairies, that every village East or West, that every living room window in this broad land may afford a collection of greenhouse plants we have grown these 20 kinds in large quantities so that we might afford to send this large number for the very low price. We want to see a flower bed in front of every home in America. If you cannot afford the \$1.00 worth alone ask one neighbor or two neighbors to order with you, twenty plants will stand dividing some and if you say in your order that they are for three friends we will add an extra plant making 21, for we mean what we say, that these plants shall brighten every home this catalogue reaches, and we know that times will not seem so hard when cheered by their brightness. They are our best plants and such as we shall be glad to have you show as coming from Vaughan's. 6 Collections for \$5.50. 11 Collections for \$10.

ROSE, Clothilde Soupert.—Flowers very double, beautiful in form, soft satiny texture shading from soft shell pink to pure white and borne in sprays. This rose was introduced by us in 1889 and has taken the highest rank as a pot or bedding plant. Perfectly hardy and everblooming. Each, 10c.



CHRYSANTHEMUM.

Chrysanthemum.—The new Chrysanthemums show decided advances upon the older sorts. Some of them carry off prizes wherever shown. We have some extra fine sorts and one plant of a choice variety will be included in this collection. Each, 10c.

Coleus, South Park, (new).—Foliage yellow; dwarf, stands the sun much better than any other. Undoubtedly the best yellow variety now in use. Originated with Mr. F. Kanst, head gardener of South Park, Chicago. Used very extensively last summer. Each, 15c.

COLEUS.—Bright red and yellow. Very handsome bedding plants. Each, 10c.

GERANIUM, White Swan.—Double, pure white; remarkably free blooming. A splendid pot plant, and in its blooming season is loaded with snow white flowers. Each, 15c.

GERANIUM, Heteranthe.—Semi double, soft scarlet flowers, a fine bedder.

GERANIUM, Double Pink.—Profuse bloomer and a good bedder.

GERANIUM, Single Red.—Large flowers; suitable for pot or garden culture. Each, 10c.

IVY GERANIUM, Chas. Turner.—Fine bloomer, color light scarlet with rose tint. A suitable plant for a hanging basket. Each, 20c.

CUPHEA PLATYCENTRA, popularly known as Cigar plant. Red flower tube with black ends; covered with flowers all summer. Each, 10c.



COLEUS.

ROSE Dinsmore.—A magnificent rose, hardy, free, of fine form, rich foliage and rapid growth; flowers large, very double, cup shaped, bright rich crimson. Each, 10c.

ROSE, Agrippina.—An everbloomer, foliage small, flowers very dark red, an excellent rose for the house. Each, 10c.

ROSE, Wicharaiana.—For use as a cover plant on banks, ledges, masses of rocks this is unsurpassed. It is of very rapid growth, and prostrate habit, quickly covering the ground with a mass of deep glossy green foliage. Flowers are produced in bunches, each bloom being about two inches across, single, creamy white with golden anthers and very fragrant. Each, 15c.

FUCHSIA, Trailing Queen.—This Fuchsia differs from all others in habit of growth, instead of growing upward the young branches spread out towards the edge of the pot and then droop downwards, continuing in this way until the vines are 4 feet or more in length. Flowers borne in clusters. Color deep violet-crimson changing to crimson. Each, 25c.

FUCHSIA Large Flowering.—These are always attractive plants, blooming almost the entire summer. They grow very rapidly, soon forming specimen plants. Each, 10c.

Verbena—A very popular and beautiful bedding plant. Each, 10c.



NEW FRENCH (EVER-BLOOMING) CANNA.

New Flowering Begonia.—This class of plants is easily grown, always full of flowers, with thrifty showy leaves making them desirable window plants. They are rarely troubled with insects and seldom out of health. Each, 10c.

Ageratum, John Douglas.—Ageratums are excellent bedding plants yielding an abundance of dark blue flowers for bouquets. They are of dwarf habit and exceedingly floriferous. Each, 10c.

CANNA, New French.—Few flowers are more popular to-day than the French Canna. We own the largest collection in this country and something really good in Cannas will be sent with every order. Each, 10c.

Marguerite, (Paris Daisy).—Favorite for bouquets; covered with white bloom in the garden all summer and through the winter in pots indoors. Each, 10c.

The set of 20 plants, worth \$2.45, for \$1.00, postpaid.

EAST RIVER, CONN.—The seeds and plants received from you are quite satisfactory. My A B C Collection of Cannas, also Dahlia A. D. Livoni all grew, one of the Cannas is budded and the Dahlia is in bloom, also Snow and Miss Thatcher, all fine thrifty plants, and handsome varieties; and this despite the drought, which prevails here, speaks well for their vigor.
M. J. BISHOP.

REDDING, CAL.—Your Columbian Collection of New French Cannas, sent me last season, arrived in fine condition, and did nicely. They all bloomed and were perfect beauties, attracting the attention of all. Especially was this the case with the Madame Crozy and Florence Vaughan. Nothing could be more beautiful. MRS. M. F. McDONALD.



FUCHSIA.



CLOTHILDE SOUPERT.

HARDY SHRUBS AND PLANTS.

Hardy Plants have this in their favor, their first cost is their only cost, and that they annually increase in size and beauty. Our hardy climbers add a charming effect to any garden. When plants in this department are ordered by express, we can always send larger ones and add free extras to help pay express charges. *Prices here named include prepayment by mail, unless noted otherwise.*

ACHILLEA, The Pearl.—The flowers are borne in great profusion and are of purest white. Blooms from July until frost. Each, 15c.; 3 for 40c.

AKEBIA Quinata.—A very beautiful, hardy climbing vine, often growing 15 feet in a year, and producing throughout the season large clusters of very fragrant elegant blue-brown flowers like Forget-me-nots. 2 year plants, each, 30c.

ALTHEA.—ROSE OF SHARON.

Alba Plena.—A beautiful tree-shaped shrub, bearing double white flowers; blooms the first season. A fine garden plant. Each, 15c.

Boule de Feu.—A free bloomer, flowers double and a clear red. Each, 15c.

Violacea Plena.—A beautifully shaped shrub with double flowers, deep violet. A gem. Each, 15c.

ALTHEA SET, one each of above 3 for 40c.

ANEMONE, Honorine Jobert.—Pure white flowers, freely produced. Foliage abundant and very pretty. Each, 25c.

AQUILEGIAS. (COLUMBINES.)

Cerulea. (ROCKY MOUNTAIN COLUMBINE.)—Grows about 1½ ft. high, foliage beautifully cut; the stems bear quantities of large erect flowers of soft violet blue and white. Flourishes in sandy soil. Each, 25c.; 3 for 60c.

Chrysantha.—Forms a fine bush, covered for two months with handsome long-spurred flowers of clear yellow. A large stock enables us to offer at very low price. Each, 15c.; 3 for 40c.; doz., \$1.25.

Skinneri.—Red, tipped green, strong grower. One of the finest. Each, 15c.; 3 for 40c.; doz., 1.25.

ARISÆMA Triphylla. JACK-IN-THE-PULPIT.—Purple variety. The spathe is bronze green with white markings when it first opens, but gradually deepens till it is striped with black, purple, brown, green, yellow and white. Gradually the spathe falls away and exposes the spadix covered with scarlet berries that hang on almost all winter. Each, 20c.

Aristolochia Siphon.

(Dutchman's Pipe.)

A vigorous growing vine with large heart-shaped leaves and curious pipe-shaped flowers of a yellowish brown color, borne freely, even on small plants. The most rapid grower known, making a dense shade in a very short time. It is perfectly hardy. Large plants, by express, each, 50c.

ARUNDO DONAX. (GREAT BAMBOO.)—A beautiful ornamental grass with long, broad, elegantly recurved leaves, picturesquely marked with broad silver stripes; of very easy culture; prefers damp situations; grows 6 to 10 feet high. Each, 35c.; large plants, 50c.

Azalea mollis. (JAPANESE AZALEA.)

—Of low broad growth, with large flowers of all shades of red, white, yellow and orange. They require the protection of a few boughs and leaves in our climate. Good plants, each, 60c., by express.

BERBERRY, Purple Leaved.—A shrub of striking beauty, has dark purple leaves. The bush has a compact, symmetrical form, and in May is loaded with beautiful drooping racemes of yellowish flowers. Each, 20c.

Bignonia Radicans. (Trumpet Creeper.)

Fine hardy climber, bearing clusters of large trumpet-shaped flowers; color crimson, shaded with orange. Foliage fine, growth rapid; this hardy climber is recommended as it will grow in any soil and the most trying situations. Each, 20c., large plants, by express, 40c.; 3 for \$1.00.

BOX, Dwarf.—We have frequent calls for this evergreen border or edging garden plant; hardy south of the Ohio River. Thrives in any light, well-drained soil. Good plants by mail, doz., \$1.00; by express, \$3.00 per 100.

BOX, Trees.—Fine trained specimens, ornamental and decorative. Each, 60c., by express; too large to mail.

CALYCANTHUS Floridus.—A handsome shrub, well worth growing; flowers brown-red with an exquisite pine-apple fragrance; hardy and desirable. Each, 15c.; larger, 35c.

SPECIAL OFFER: One plant each, Althea, Columbine, Canterbury Bell, Larkspur, Bleeding Heart, Variegated Day Lily, and Sweet William, (our choice of sorts), 7 kinds for \$1.00, prepaid.



OXEYE DAISY, (CHRYSANTHEMUM), 25c.

CANTERBURY BELL, Double White.—One of the finest Bell flowers, very double, pure white, borne in spikes two ft. long, free-flowering. Each, 25c.; 3 for 60c.; doz., \$2.00.

CHRYSANTHEMUM Maximum.—Succeeds any where; the flowers are very large, often three to four inches across; pure white with yellow centers, fine for bouquets; will keep fresh over a week. Fine plants. Each, 25c.; 3 for 60c.; doz., \$2.00.

CHRYSANTHEMUM Uliginosum.—Extremely vigorous, producing a succession of large, pure white, daisy-like flowers. Each, 20c.; 3 for 50c.; doz., \$2.00.

COREOPSIS Lanceolata.—Flowers bright golden yellow on wiry stems, of fine shape and substance, blooming from June until cut off by frost. Each, 20c.; doz., \$2.00.

Delphinium (Perennial Larkspur).

One of the handsomest and most satisfactory of all the *hardy herbaceous plants*, and should be planted extensively, even in the smallest garden.

Album Grandiflorum.—A new, free-flowering pure white variety. 25c.; doz., \$2.50.

Formosum.—Bears long spikes of deep blue flowers from June until frost. Each, 20c.; 3 for 50c.; doz., \$2.00.

DEUTZIAS.

Recommended as one of the most desirable *hardy*, early spring-flowering shrubs in cultivation, height two to three feet, with long, graceful spikes of flowers from every bud or eye and blooming so profusely as to cover the branches.

Gracilis.—White, much used by florists for forcing.
Pride of Rochester.—Large, white, back of petals rose color. Large plants, each, 25c.; 3 for 60c.

DIANTHUS BARBATUS, (SWEET WILLIAM).—One of the finest flowering plants among the *hardy perennials*. It has been so carefully bred that it now shows large, bold flowers variously colored, in great trusses, six and seven inches across. Easily grown. We have an excellent stock of this splendid old garden plant, and offer very low. Each, 10c.; 3 for 25c.; doz., 90c.

Dielytra Spectabilis, (Bleeding Heart).—Graceful sprays of heart-shaped pink and white flowers, blooming in May or June. Foliage finely cut and very pretty. Very hardy and soon growing to immense plants. Strong clumps; each, 25c.; 3 for 60c. doz., \$2.25.

EULALIA Gracillima Univittata.—New. Narrow green leaves with a silver white midrib. The plant is of most graceful habit and very decorative. Each, 30c.; doz., \$3.00.

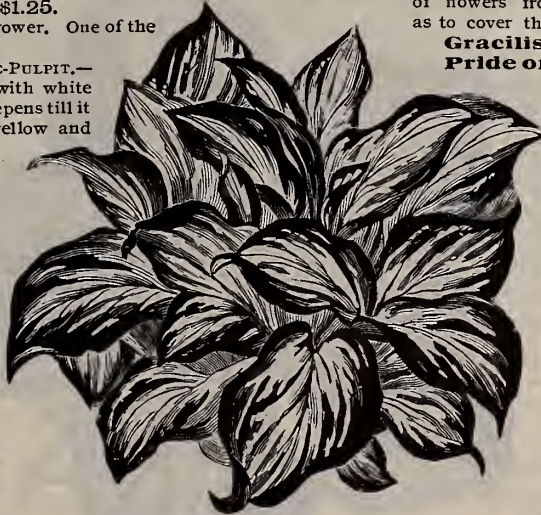
EULALIA Japonica Zebrina.—(ZEBRA STRIPED GRASS.)—A remarkable variegated plant, having bars of yellow running crosswise, not longitudinally as in the ordinary form of variegation; easily grown. First size. Each, 25c.; doz., \$1.50. Second size, each, 15c.

Funkia, Alba, (White Day Lily).—Deliciously fragrant, pure white Lily-like flowers. Hardy. Each, 25c.; doz., \$2.50.

Funkia, Lanceolata Variegata.—(Variegated Leaved Day Lily.) There are no better hardy plants than the Day Lilies and of them none is so showy and effective as the variegated variety. Especially pretty for edgings. Plants with odd and varied leaf markings are just now extremely popular. If you want a *really good hardy showy plant*, try this. Leaves heavily blotched with creamy white, bordered with green. Flowers pale blue. Each, 35c.; 3 for 90c.; doz., \$3.50.

HEMEROCALLIS Flava. (LEMON LILY.)—It is a charming *hardy perennial*, with large broad grass-like foliage, and heads of large Lily-like flowers of a soft yellow and very fragrant; Strong plants, ea., 25c.; 3 for 65c.; doz., \$2.50.

HELIANTHUS Multiflorus Plenus. (SUNFLOWER DAHLIA.)—Hardy Perennial. The flowers are from 3 to 4 inches in diameter, as double as any double Dahlia, and covering the plant from the ground to the top. A fine cut flower. Each, 15c.; 4 for 50c.; doz., \$1.25.



VARIEGATED DAY LILY, (FUNKIA), 35c.



BLEEDING HEART, (DIELYTRA), 25c.



VINE COVERED PORCH.

There are no Climbers as beautiful,
as free-blooming and as hardy as

Our constantly increasing yearly sales of this best and most useful class of Flowering Climbers which are especially adapted to the open lawns or house fronts of the residences of our large cities and villages, proves that these plants are steadily gaining in popularity. *Perfectly hardy*, blooming nearly the entire season, embracing a great range in coloring, their star-shaped flowers are freely produced, beautiful and lasting. With careful training the larger plants we offer will make good specimens in one season. They must have a sunny location in soil that has been dug very deep; the application of well rotted manure as a mulch in November will greatly strengthen the plants for another season, and increase the size of the flowers.

Extra Sized Plants for Immediate Effect. Many of our customers prefer *extra large plants* for immediate effect. We have imported a large quantity of such plants this year which are better than we ever had before. On account of their size they will be sent by express at buyer's expense.

Jackmani Type and Large-Flowering Clematis.

Jackmani.—This variety, with its strong, healthy growth, hardy nature and its *rich, deep velvety purple flowers*, is the most satisfactory of its class. It blooms with astonishing profusion from July to November on shoots of the present season, and should be pruned early in the spring. Strong plants, each, 60c., postpaid; very strong, each, 75c. and \$1.00, by express.

Jackmani Superba.—A variation of Jackmani, which it closely resembles in habit, but has broader sepals and deeper violet purple color. Equally hardy and desirable. 2 year old plants, each, 75c.; 3 year old plants, \$1.00, by express.

Madame Baron Viellard.

Called the Rose-flowered Jackmani. New; one of the strongest and most vigorous and free-blooming varieties of Clematis. Will make a sensation when known; flowers from four to five inches in diameter, and of perfect form. Light rose with lilac shadings, a new color; winner of Gold Prize Medal at Paris when first exhibited. Cannot be surpassed. Each, 75c., postpaid.

Fairy Queen.—The flowers are pale flesh with a pink bar in the center of each petal. A large flowered variety blooming in summer and autumn. Each, 75c., postpaid.

Henryi.—(Bangholm Belle.) This is a much stronger grower than many of the others, and produces flowers at almost every joint. The bloom is always 8-sepaled, four to six inches in diameter and pure white. Very hardy. Ea., 75c., postpaid.

Miss Bateman.—Pure white with chocolate anthers, making a striking contrast. This sort commences to bloom as soon as its leaves start in May, on which account it is very valuable. Each, 75c., postpaid.

Gipsy Queen.—A rich, bright dark velvety purple; a rank grower and a free bloomer, flowering from the ground up. A very attractive and curious variety. Each, 75c., postpaid.

Sieboldi, (Ramona or Boskoop Seedling.)—An extra fine new variety of the patens type; flowers very large, of a beautiful lavender shade. A very strong-growing sort, which will be in great demand. Prune after flowering. Each, 75c., postpaid.

Coccinea.—Bell-shaped flowers, bright coral red; blooms from June until frost. A rapid grower, very free bloomer. Each, 20c.; 3 for 50c.

Crispa.—Bell-shaped. Flowers with white center. Blooms from June until frost Each, 25c.

Viticella Kermesina.—A strong grower with pretty foliage and red flowers. Suitable for verandas and trellises. 2 year old plants, each, 50c.

Virgin's Bower or Clematis Flammula.—This is one of the most handsome hardy climbers we are acquainted with and should be more generally grown. It grows in almost any soil and under any conditions. The plants we furnish are strong and healthy and will produce an abundance of white flowers of the sweetest fragrance all through the summer. The flowers white, feathery and very fragrant and are produced so plentifully that they nearly hide the foliage. The plants are perfectly hardy and increase with age. Everyone who has room for a handsome climber should plant one or more. Each, 15c.; 2 for 25c.; 5 for 50c; postpaid.

SPECIAL OFFER.—One vice plant each, Coccinea, red; Crispa, lavender and Flammula, white; for 50c., postpaid.

A BARGAIN
IN
CLEMATIS. 1 Large-flowering Purple (Jackmani type); 1 Large, flowering Double, White; 1 Flammula, sweet scented; 1 Coccinea, coral red; 1 Large-flowering Single White. 5 CLEMATIS, One Strong Plant of each (our choice of sorts,) prepaid, only \$2.00, retail price, \$2.60.

AMPELOPSIS.

AMPELOPSIS Veitchi.—(Boston Ivy). The well-known clinging vine, with fine deep green glossy leaves, much used on our finest modern stone residences. It clings firmly to the smoothest surface and the leaves overlap each other and form a dense mass. While not so rapid a grower as some of its class, it makes a permanent yearly growth which it maintains and covers an ordinary house in a few years. It is a protection to wooden buildings, absorbing the moisture and preventing decay. In summer the leaves are of a deep green, but towards autumn they assume beautiful tints of scarlet, crimson and orange.

PRICE, postpaid: Medium size, 15 in. each, 15c.; first size 2 ft., each, 25c.; extra select size, 3 ft., each, 40c.

Not prepaid; By express, Medium size, 6 for 60c.; doz., \$1.00; first size, 6 for 90c.; doz., \$1.50; extra select, 6 for \$1.25; doz., \$2.25.

AMPELOPSIS Quinquifolia.—(Virginia Creeper). One of the finest hardy climbers, more luxuriant in growth than above, with handsome foliage turning to bright crimson in the fall, and bearing purple berries that hang all winter. A splendid vine for covering old tree trunks, walls or fences. Each, 20c.; 3 for 50c.

CLEMATIS.

We have an immense stock of fine plants which will bloom and make a fine showing the First Year.

Clematis with Double Flowers.

Countess of Lovelace.—A fine, distinct, very double variety, flowers bright bluish lilac, centers ornamented with white filaments and yellow anthers; rosette-shaped. Very free blooming.

Duchess of Edinburgh.—One of the best double whites; of vigorous habit, very free of bloom and deliciously fragrant.

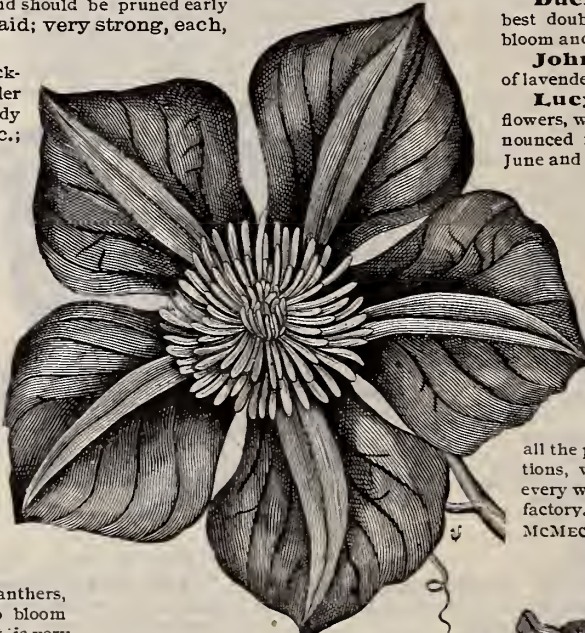
John Goud Veitch.—A beautiful shade of lavender blue; close, well-formed double flowers.

Lucy Lemoine.—Large double white flowers, with pale yellow anthers, the shape a pronounced rosette. A vigorous grower. Blooms in June and July.

Any of the above, each, 75c.; 3 for \$2.00. One each of the five for \$3.25, postpaid.

We are headquarters for fine imported Clematis, and can supply many well-known varieties of Jackmani, Large-flowered and Double sorts, other than named here, at 60c. each; ten, our choice, for \$5.00, postpaid.

BOONE, IOWA.—The Plants I received from you in the spring arrived in good condition. I have had good success with all the plants I bought of you. The roses, carnations, verbenas, tuberoses and begonias were in every way satisfactory.—JAMES McMECHAN.



TYPE OF JACKMANI CLEMATIS.



CLEMATIS PANICULATA.

A VINE of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. The flowers appear in late September, at a season when very few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and entire hardiness, serve to make this one of the very choicest of recent introductions. Price for plants from 3/4 inch pots. Each, 50c.; extra size, 75c.



HIBISCUS CRIMSON EYE, EACH, 25c.

New Hardy Hibiscus, CRIMSON EYE.

This is a distinct strain of Hibiscus moscheutos, with flowers of immense size (eight inches in diameter) pure white, with a large spot of deep velvety crimson in the center. A well developed plant will produce several hundred of these flowers in a season. It is perfectly hardy and will succeed anywhere. Grow from 4 to 8 feet high. Each, 25c.; 3 for 50c.

*** HOLLYHOCKS. ***

These handsome, showy plants are at present great favorites, their unique growth giving them a welcome everywhere. Our stock consists of fine well grown plants ready to bloom this year, raised from the best strains of Chater's seeds. Their flowers are large, double, handsome in form as a Camellia, and of lively shades of color. **Snowball.**—Double pure white. **Canary.**—Clear canary yellow. **Rose.**—Fine rose color. **Ruby.**—Crimson. **Maroon.**—Dark. **Flesh.**—Very double. Price, ea, 15c. and 25c.; doz., \$1.25 and \$2.00, according to size.

Special Offer.—One each of the above six colors, small size, for 75c.; large size, \$1.25.



HYDRANGEA.

HYDRANGEA, PANICULATA GRANDIFLORA.

Tens of thousands of these noble summer and autumn flowering shrubs have been sold the past few years and the demand is still good. They are absolutely hardy, grow in any soil and bloom the same year they are set out; they flower abundantly, bearing immense panicles of bloom, white at first and turning to rose in autumn. To make a fine specimen, the soil should be as carefully prepared as for any fine shrub. An annual shortening of branches tends to increase the size of the flowers. Each, 15c., doz., \$1.25; extra large plants, 24 to 30 inches, ea., 50c., by express.

LILACS.

Their great clusters of fragrant flowers are too common to need much description. They grow freely and flower profusely, thrive in poor soil, stand abuse, neglect, drought, heat and cold. We offer several new important kinds remarkable for size of bloom, large trusses and new colors. Large imported plants not prepaid, unless noted.

New Double Flowered.

LeGaulois.—Handsome double deep crimson flowers produced in very large panicles. A splendid sort. Ea., 50c

Michel Buchner.—This grand variety produces a beautiful pale lilac bloom, each flower composed of three corollas. Very large panicles, eight inches in length. Each, 50c.

Madame Lemoine.—Double pure White, flowers are borne in enormous panicles. Each, 35c.

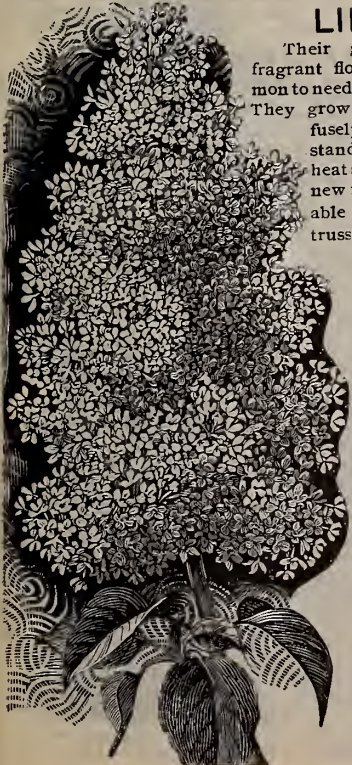
The Tree Lilac. (SYRINGA JAPONICA.)—Makes a straight, stout, well-branched tree, with large and handsome leaves, and immense clusters of white blossoms sometimes measuring 16 to 24 inches in size, the most showy of ornamental trees. Each, 65c.

The Pink Flowered Lilac. (SYRINGA VILLOSA.)—Large leathery green foliage like the white fringe tree. Flowers rosy pink, Ea., 75c. **Chas. X.**—Magnificent clusters of dark red flowers.—Each, 50c.

Marie Leguay.—Finest of White Lilacs, flowers very large. Ea., 35c. **Persica Alba.**—Slender branches terminating in large trusses of pure white flowers. Scarce. Each, 25c.

Rubra De Marley.—The well-known Lilac, much used by florists for forcing. Each, 15c.; dozen, \$1.50, postpaid.

Villosa Rosy.—A very showy variety with pink flowers. Each, 25c.



LILAC BLOSSOM.

HONEYSUCKLES.—Loniceras.

These vines are famous the world over for their hardiness and vigorous growth. They have very pretty, fragrant flowers and do not quarrel with any kind of soil, growing well wherever they are planted.

Sweet-Scented Monthly, (BELGICA.)—This is one of the most satisfactory of the Honeysuckles, producing continuously large trusses of very fragrant flowers, red and yellow in color.

Scarlet Trumpet or Coral, (SEMPELVIRENS.)—Very strong, rapid grower, producing beautiful scarlet flowers all summer; foliage fine, very thick and heavy.

Yellow Sweet, (FLAVA.)—This is a grand climber and a beautiful plant. Flowers bright yellow and orange; fine for pillars and porches.

Japan Golden-Leaved, (Aurea Reticulata.)—A handsome and desirable variety with variegated foliage and yellowish-white flowers.

Fuchsoides.—A splendid new species with very large flowers resembling scarlet Fuchsias.

Halleana.—A vigorous grower. Flowers yellowish white, exceedingly fragrant and freely produced; foliage, rich glossy green.

Chinese Twining.—Blooms at intervals through the summer, and retains its foliage until late in winter. Flowers nearly white, distinct from all others.

Price: Any of above 15c., 3 for 40c., postpaid.

Special Offer: One each of above 7 sorts for 85c., postpaid.

HOP—Very hardy, withstanding heat, drought and insects remarkably; one of the most rapid growing ornamental climbers known; foliage dense; invaluable for any position where a thick screen of foliage is needed. Strong roots, 2 for 10c.; 3 for 15c.; dozen, 50c.

IRIS. Fleur-de-Lis.—A most brilliant group of hardy flowers of purest and richest colorings—violet, purple, bronze, yellow, blue, gray and white, beautifully marked and feathered. Plants that increase rapidly.

IRIS KÄMPFERI OR JAPAN IRIS.

Blooms in June and July; handsome flowers, slightly flattened.

DOUBLE WHITE.

—Beautiful for cut flowers. Ea., 25c.

DOUBLE MIXED.

—Fine assortment. Each, 25c.; doz., \$2.00.

KÄMPFERI SEEDLINGS.—

From finest varieties. Each, 10c.; 3 for 20c.;

doz., 75c.

GERMAN IRIS.

One of the most brilliant and hardy types of Iris, large flowered, broad-leaved a fine assortment of named varieties and very strong roots.

FLAVESCENS.—Light primrose, yellow, fine. Each, 35c.

FLORENTINA.—Pure white, very free flowering; deliciously sweet-scented. Each, 35c.

MADAME CLEREAU.—White, edged and feathered violet; large. Each, 30c.

GERMAN IRIS SET.—One each of above for 75c.



Special Offer.—3 Hollyhocks, different colors, 1 Hop, 1 Hibiscus Crimson Eye, 1 Hydrangea, 3 Iris Kämpferi Seedlings and 1 Honeysuckle, 10 plants, for \$1 00 prepaid.

DOUBLE HOLLYHOCK, EACH, 25c.

PAEONIES.

Lady Leonora Bramwell—A grand pink variety imported by us from England, where it received first-class certificate of the Royal Hort. Society. The color is a rose pink with silvery brightness. The flower is the most fragrant of all. Price, 50c.

Officinalis.—This is known as the old double red; flowers are like crimson satin, large, double and fragrant, blooms very early. Each, 35c.

Double White.—Large, fragrant, pure white, always scarce and much in demand. Price, each, 35c.

SPECIAL OFFER.—One each of above for \$1.00.

Japanese Tree Paeony.—A large shrub, producing finest flowers of largest size and making even when not in bloom a fine lawn plant. Each, \$2.00.

NEW FRENCH PAEONIES.

Double Rose.—Finest, 50c. **Double Crimson.**—Brilliant, 50c. **Double White.**—Superb, 50c.

French Set of Three, postpaid for \$1.25.

CHOICE PAEONIA COLLECTION.

One each of older sorts, in **Crimson, Pink, White, Rose Tint, our choice, postpaid, 4 for \$1.00.**

PASSION FLOWERS.

Constance Elliott.—An elegant climbing vine with large, pure white, very fragrant flowers. Hardy in open ground if given a light covering. A good window plant, also for cemetery. Each, 15c.; 3 for 40c.

Incarnata.—From the great size of its blooms this variety is also called "Mammoth Passion Flower." It is a prolific bloomer; the flowers are a combination of blue, pink and white in color, and are followed by beautiful golden fruit which is of delightful flavor. Each, 15c.; 2 for 25c.

Blackberry Lily.—(PARDANTHUS SINENSIS). Curious, orange flowers, tigered and spotted like a Tigridia. The flowers are succeeded by beautiful berries which resemble blackberries. Perfectly hardy. Each, 15c.

Mammoth Phloxes.

We offer a set of 10 grand and distinct varieties (illustrated by our colored plate in 1890) and can supply almost any color from white to crimson. Price, young plants, 2 in. pots, each, 15c.; 4 for 50c. The set of 10 New Phlox for \$1.00.

Pentstemons.—Perhaps no class of plants is more valuable for producing a mass of bloom during the summer months as these. They include almost every shade of color from pure white to deepest crimson. They are perfectly hardy. Each, 15c.; 3 for 40c., doz. \$1.25.

HARDY GRASS PINKS.

Dwarf hardy border Pinks, free blooming, possessing the true clover scent. **May Pink.**—The old-fashioned hardy border pink. **Snow.**—Very dwarf and bushy; flowers extra large and snow white. **Jean Sisley.**—Pink with red center, very free blooming. Price, each, 10c.

Platycodon Grandiflorum.—(Wahlenbergia.) Hardy perennial; a constant bloomer from early spring until late in the fall, immense masses of bell-shaped flowers. Each, 25c.; 3 for 60c.

Hardy Perennial Poppy.—The flowers are of immense size often measuring 6 to 9 inches in diameter. Color, the most glaring crimson scarlet, with a black blotch at the base of each petal. Each, 25c.; 3 for 65c.

Rhododendrons.—Their Azalea-like clusters of flowers are the largest and showiest of any shrub. We offer the two hardiest kinds. **Cunninghami.**—Pure White. Large plants with bloom buds. Each, \$1.00. **Catawbiensis.**—Varieties. Rose and purple shades. Large plants only, set with bloom buds. Each, \$1.25; 3 for \$3.50.



TRIFOLIATE ORANGE TREE, 25c.

Ten Shrubs, worth \$1.50, each different, our choice, for \$1.00 prepaid.



PEONY, LADY

LEONORA BRAMWELL.

SNOWBALL. (VIBURNUM.)

Opulus.—A well-known garden shrub, good plants. Each, 25c.

Plicatum.—A new hardy variety from Japan. Flowers pure white, large and much handsomer than the old variety. Each, 35c.

Sterilis.—(Gelder Rose.)—Largest of all the Snowballs, produces large clusters of flowers. Each, 15c.

SPIRAEAS.

Charming low growing, early spring-flowering shrubs. We offer in two sizes, the largest can be sent by express only.

Billardi.—Branches terminate with clusters of rosy pink flowers. Each, 20c. and 50c. **Reevesi Fl. Pl.**—(Bridal Wreath.) Little clusters of rose colored flowers borne on slender branches. Each, 25c. and 50c.

SPIRAEAS, HERBACEOUS SORTS.

These species are from Japan; they are very hardy, grow in any soil and are wonderfully beautiful when in bloom. The flowers of the Japonica variety is largely used by florists for their feathery sprays in bouquets.

Japonica.—(Astilbe.)—Loose feathery spikes of white flowers. 25c.

Palmata.—Brilliant crimson, in large panicles; effective. Each, 15c.

Sweet Pea Shrub. (ROBINIA HISPIDA.)—This hardy shrub grows about 3 ft. high, blooming when quite small. The flowers are a beautiful color like the Sweet Pea and are produced in wonderful profusion from May until the end of July. Perfectly hardy. Each, 15c.; 4 for 50c.

Turkey's Beard.—A hardy ornamental plant for garden or lawn. Flowers in June. Spikes 2 ft. long, each with a flower head 6 inches long. The flowers are white. Each, 15c.; 4 for 50c.

Tritoma Grandiflora.—A brilliant showy hardy plant, producing large spikes of flame-colored flowers 12 to 15 inches in length. Strong roots. Each, 20c.; 3 for 50c.

TRIFOLIATE ORANGE.—This, the most hardy of oranges, has in the last few years attracted much interest in the northern states for its perfect hardiness, blooming profusely in the parks of Philadelphia and New York. Its large, sweet-scented flowers are produced in great abundance. It is well adapted for hedges, making a close, compact growth that nothing can penetrate. The fruit, a bright orange red, is very ornamental. Price, each, 25c.; 5 for \$1.00.

Weigelia.—Very handsome summer-flowering shrubs, the long branches loaded at the flowering season with beautiful clusters of trumpet-shaped flowers. **Hortensis Nivea.**—Fine white, 20c. **Rosea.**—Well-known blush white, 15c. **Nana Variegata.**—Leaves margined with creamy white flowers, pale pink; one of the best variegated shrubs known. Each, 15c.

Wisterias.—A family of elegant climbers, grand for walls which from their vigorous growth, they soon cover. Flowers are borne in long pendant clusters. **Alba.**—Flowers white in drooping racemes. Each, 35c. Large plants by express, each, 50c. **Magnifica.**—Dense clusters of purple lilac flowers. Plants with vines 4 to 5 ft. long, by express, each, 50c.

Yucca Filamentosa.—(ADAM'S NEEDLE.)—Flowers pure white; drooping, borne upon long stems. A fine plant for the cemetery. Hardy and evergreen. Each, 15c., postpaid; strong plants, by express, each, 25c.



TRITOMA GRANDIFLORA, OR RED HOT POKER PLANT, 20c.

SMALL FRUITS.

STRAWBERRIES.

Varieties marked (P), have imperfect flowers; they will not produce well unless every fourth or fifth row or plant is a perfect flowering variety, as are all not so marked. Thus planted, the (P) sorts are the most productive. If to go by mail, add 40c. per hundred for postage. Dozen prices include postage.

The Timbrell.—(P). This new berry comes with strong evidence to support the claim that it is the best in existence. It is a good yielder of large, handsome berries, of symmetrical form, dark rich crimson color, which runs through the flesh. In quality it is superior to any sort that was ever placed on the market. It ripens late, producing five times the amount of fruit, surpassing all in flavor, size and market qualities. Editor Carman, of the Rural New Yorker, after trial of over 70 kinds, says: "Were I confined to but one variety, it would be *The Timbrell*." Price, 3 for 60c.; doz., \$2.00; 50 for \$5.00, postpaid.

Smith's Seedling.—Strong grower, large foliage, blossoms perfect. Fruit very large, firm, round; dark, rich color. Late in ripening, the most productive perfect blossom variety we know of. Doz., 75c.; 50 for \$2.00.

The Edgar Queen.—(P). Color bright red, berries firm, season medium; a splendid grower with large, healthy foliage. Mr. B. O. Curtis, who raised the Edgar Queen, says: "It is larger, more productive, and finer in quality than either Jessie or Bubach." Doz., 40c.; 100, \$1.00.

Eureka.—(P). Berries large size, good color and quality, freely produced; medium to late in season; a fine show berry, one of the best for market. It withstands drouth much better than most varieties and is very hardy in the blossom. Doz., 25c.; 100, \$1.00.

Haverland. (P).—Long, conical berry, bright red; very productive; good quality, moderately firm. Doz., 25c.; 100, 80c.

Parker Earle.—A cross between Crescent and Munson's No. 3; does well in the South. Berries large, conical, glossy crimson; flesh firm, good quality; a vigorous grower. Season medium to very late. Doz., 35c.; 100, \$2.00.

Gandy.—The best late variety in cultivation. Berries large, of fine form and excellent quality, flesh firm; a good shipper. Doz., 35c.; 100, \$1.00.

Jessie.—One of the most perfect berries grown; large, prolific, free from rust; in all respects good; bright red; midseason. Doz., 30c.; 100, 80c.

Sharpless.—Largest size, mild flavor, healthy grower; fruit always brings highest price in Chicago market. Quality good, ripens late. Doz., 20c.; 100, 80c.

Wilson's Albany.—Well-known standard sort; early to medium. Doz., 30c.; 100, 80c.

Warfield's No. 2. (P).—A great market berry; dark crimson, fine flavor, very firm. Doz., 35c.; 100, 85c.; 1000, \$5.00.

Bubach's No. 5. (P).—Fruit large, very prolific; popular in Chicago market. Doz., 30c. 100, 80c.

A STRAWBERRY COLLECTION.
100 in 4 best sorts our choice, prepaid, \$1.00.



RASPBERRIES.

If to go by mail add 15 cents per dozen and 35 cents per 100 for postage.

The Kansas.—The best of all blackcaps. Ripens with or just after Souhegan; berries large or larger than the Gregg, jet black, firm, handsome and of the best quality. Very vigorous growth, exceedingly productive. Doz., 50c.; 100, \$5.00.

Shaffer's Colossal.—Truly colossal, plant and fruit, and iron-clad in hardness; dark red berries of a sprightly sub acid flavor. Increases from the tip. Doz., 50c.; 100, \$2.00.

Cuthbert.—Bright red, large, very prolific; best for family use. Doz., 30c.; 100, \$1.35.

Souhegan.—Early, very prolific; fruit is black, fine quality. Doz., 40c.; 100, \$1.50.

Gregg.—Large blackcap, heavy bearer. An old favorite sort. Doz., 30c.; 100, \$1.50.

BLACKBERRIES.

Plant in rows 8 ft. apart, 4 ft. apart in the rows.

If to go by mail add 35c. 100, postage.

Snyder.—The old reliable; fruit rich and melting; no core, very hardy. Mr. S. M. Emery, of Minnesota, says: "It is the most valuable blackberry grown, and the only one that will stand this climate." Doz., 35c.; 100, \$2.00.

Stone's Hardy.—Best variety for the North; fruit rich and melting. Doz., 35c.; 100, \$2.00.



THE KANSAS RASPBERRY.

GOOSEBERRIES.

Should be sent by express. If to go by mail add 3c. each to price of 1-year-old plants, and 5c. each to that of the 2-year-old plants.

Downing.—Largest of our native Gooseberries; pale green, very sweet. 1 year old, each, 15c.; doz., \$1.00; 2-yrs. old, each, 25c.; 3 for 60c.; doz., \$2.50; 100, \$15.00.

Houghton.—Well-known, medium size, pale red, very productive. 1-yr., doz., \$1.; 100, \$4.

Industry.—The fruit is of largest size, pale red and very sweet. The plants are far stronger than the old English sorts. 1-year-old plants, each, 15c.; 3 for 40c.; doz., \$1.20. 2-year-old plants, each, 20c.; 3 for 50c.; doz., \$1.65; 100, \$12.00.

Red Jacket.—As large as the largest, berry smooth, very prolific and hardy; quality and foliage the best. Each, \$1.00; 3 for \$2.50.

JAPANESE WINEBERRY.

A new fruit which belongs to the Raspberry family, grows 4 to 6 feet high, is perfectly hardy. Fruit is borne in clusters, often 75 berries in a bunch. Different from any other berry in flavor; sweet and juicy; splendid for canning; makes a superior syrup. Each, 15c., 3 for 40c.; doz., \$1.40, by mail, postpaid.



INDUSTRY GOOSEBERRY.



JAPANESE WINEBERRY.

PEARS.

Idaho.—This new blight proof variety ripens about one month later than the Bartlett. Excellent table quality, a good shipper, very productive and fruit of extra large size. The core is very small and many of the fruits are entirely seedless. Skin golden yellow with russet spots. Flesh white, exceedingly fine grained and buttery, with a rich subdued acid flavor. Even when dead ripe it is not insipid. It is of Idaho origin and hardy in the far north. Each, 45c.; 3 for \$1.25; 6 for \$2.00, postpaid.

Bartlett.—The most popular summer Pear, large fruit of musky, melting flavor. The tree is a vigorous grower, early and abundant bearer. A favorite the world over and one which no fruit garden should be without. Each, 25c.; 5 for \$1.00, postpaid.

Kieffer.—A fall variety, large, showy, rich golden yellow, thickly dotted and shaded with red, quality excellent for canning, the tree is an early and prolific bearer. Each, 25c.; 5 for \$1.00.

PEACHES.

Elberta.—A freestone variety, a Chinese seedling, very large, yellow with red cheek, flesh yellow, firm, juicy, of high quality; exceedingly prolific, sure bearing and hardy. It promises to be the best general Peach for all sections. Each, 20c.; 6 for \$1.00, postpaid.

Crawford.—A magnificent large yellow peach of good quality. Its size, beauty and productiveness make it very desirable. Each, 20c.; 3 for 50c.; dozen, \$1.50, postpaid.

Eleagnus Longipes.—A vigorous growing hardy shrub, only a few feet in height, producing fruit half an inch or more long, of a bright red color, covered with white dots; it may well be grown for the beauty of its fruit alone, which, moreover, is juicy and edible, with a sharp rather pungent, agreeable flavor. To some persons it is far preferable to the Currant or Gooseberry, and is without question a valuable addition to our small fruits. Each, 30c.; 3 for 60c.; dozen, \$2.50, by mail, postpaid.

See other NEW AND RARE Varieties of Fruit on yellow pages, in front of this book.

GRAPES.

If by mail add 25c. per doz. for postage. 2-yr. vines should be sent by express.

Esther.—It is of the Concord family. Ripens a few days earlier than Concord. Berry rather larger than Niagara or Pocklington, very handsome and showy. At the State Fair, at Springfield Mass., the Niagara, Pocklington and Esther were shown, all of which were notable for their size and perfection of development. Especially this true of the new Esther, which has the largest berry of the three and a lusciousness of quality not common to the others. This grape was pronounced by Prof. Agassiz as handsome as Chasselas and better in quality than that grape. Each, \$1.00; 3 for \$2.85; doz., \$10.00.

Brighton.—Dark red, bunch large, berry medium size, skin thin, flesh tender, quality best. 1 year, each, 10c.; doz., \$1.00. 2-year, each, 15c.; 3 for 40c.; doz., \$1.50.

Concord.—Well-known, reliable; 1 year, each, 10c.; doz., 75c. 2-year, each, 15c.; 3 for 40c.; doz., \$1.25.

Eaton.—Clusters very large, sometimes weighing 20 ounces; splendid quality. 1 year, each, 40c.; 2-year, each, 60c.

Moore's Diamond.—New, greenish white; compact bunches; berries size of Concord. Best white grape. 1 year, each, 30c. 2-year, each, 45c.; 3 for \$1.10.

Moore's Early.—Black, bunch medium, excellent quality; very early, a week or more before Concord. 1 year, each, 15c.; doz., \$1.50. 2-year, each, 20c.; doz., \$2.00.

Niagara.—Fine, white grape, bunch large; 1 yr., each, 15c.; 4 for 50c.; doz., \$1.50; 2-yr., ea. 20c.; 3 for 50c.; doz., \$2.00.

Early Victor.—Black, earlier than Concord, berry medium. 1 year, each, 15c.; doz., \$1.50; 2-year, each, 20c.; 3 for 50c.; doz., \$2.50.

Worden.—Black. 1 year, each, 15c.; doz., \$1.50; 2-year, each, 25c.; doz., \$2.50.

Wyoming Red.—Early, 1 year, each, 15c.; doz., \$1.50; 2-year, ea., 25c.; doz., \$2.50.

JUNE BERRY.

A very hardy Alaskan fruit which has evidently come to stay. It is a quick grower, seldom higher than a man's head, making a dense bush. They bloom and bear fruit when very small. The berries are about three times as large as the Huckleberry, are deep purple in color, and exceedingly sweet and delicate in flavor. It is one of the finest fruits to eat raw that ever grew. After the berry is fully ripe it will keep well on the bush for two weeks. Aside from its value as a fruit, it is one of the most showy flowering shrubs that can be had. It blooms very early in the spring, and so numerous are the flowers that the bush is snowy white. Price, each 20c.; 3 for 50c.; doz., \$1.75, postpd.



JUNE BERRY.



CURRANTS.

If by mail add 25c. doz. to 1 yr. plant prices; 2-yr. plants should go by express.

Fay's New Prolific.—The best large Red Currant, larger and more prolific than any other. The bushes are of vigorous growth and extremely prolific. 2-year, each, 25c.; doz., \$2.50; 100, \$18.00.

Cherry.—Very large and productive, most popular sort. 1 year, doz., 75c.; 100, \$4.00. 2-year, doz., \$1.50.

Gloire des Sablons.—A very pretty novelty, currants striped red and white. 1 year, each, 15c.; 3 for 30c.; doz., \$1.00.

Red Dutch.—Old standard sort of which millions have been planted; very sweet and productive. 1 year, doz., 45c.; 100, \$3.00. 2-year, 3 for 40c.; doz., \$1.25.

White Dutch.—Similar to Red Dutch, except in color. 1 year, doz., 50c.; 100, \$3.00. 2-year, doz., \$1.25.

Naples.—Well-known black Currant. 1 year, each, 10c.; doz., \$1.00.

Lee's Prolific.—One of the best black Currants; prolific, large, early, best quality. Each, 10c.; doz., \$1.00.

Russian Mulberries.—A most valuable fruit and ornamental tree from Western Russia; perfectly hardy, grows rapidly and fruits when only two years old. Very showy lawn tree, fruit nearly covers the top and remains in season a long time. Customers who have planted these trees say they would not be without them for three times their cost. Young trees, each, 30c.; 4 for \$1.00, postpaid. Seed, pkt., 10c.; oz., 25c.; lb., \$2.00.

DEWBERRY, Lucretia.

The Dewberry does not sprout, and is therefore especially adapted for garden culture. Fruit very large, often 1½ inches long and 1 inch in diameter; soft, sweet and luscious, without any hard core. The fruit ripens before the ordinary Blackberry. The plant is hardy and immensely productive. Mr. Caywood, the well-known horticulturist said: "The Lucretia is several days earlier than any Blackberry." Doz., 50c.; 100, \$2.50.

FIGS.—Successfully grown in tubs in the North, hardy in Gulf States and on the Pacific Coast. *Celeste*, black; *White Adriatic*, light, *Brown Turkey*, with purple tinge; *Apple*, very handsome. Price, each, 30c.; the 4 best varieties for \$1.00, postpaid.

VALUABLE NEW FRUITS.

We desire to call special attention to the varieties of new fruits, illustrated and described on the colored pages in front of this book. The four Raspberries, *Royal Church*, *Palmer*, *Golden Queen* and *Older*, are good ones in every sense of the word. *Keepsake* Gooseberry is a new importation from England, the fruit is straw colored and extra large. *Victoria* Currant is another English importation of much merit. The *North Star* Currant is the most productive of all,



LUCRETIA DEWBERRY.



IDAHO PEAR.

Wonderful.—It is a freestone, of the richest golden yellow, largely overspread with rich carmine, ripens late, keeping qualities are as remarkable as its beauty. Each, 20c.; 6 for \$1.00, postpaid.

PLUM, Abundance.—This is the Plum for you if you try but one. Lemon yellow ground, nearly overspread with cherry and with a yellow, melting rich and highly perfumed. Abundant and yearly bearer. Best south of latitude 42°. Price, each, 40c.; 3 for \$1.00, postpaid.

Meech's Prolific Quince.—The fruit is remarkable for beauty of form, color, size, fragrance and free from hard lumps. Each, 25c., 3 for 60c.; dozen, \$2.50.



ABUNDANCE PLUM.



VIEW IN LINCOLN PARK, CHICAGO.

OUR CHICAGO PARKS LAWN SEED has been sold by us for many years and has given most general satisfaction. We have an immense trade in the best quality of this at our State Street Store, retailing in small lots over one thousand pounds per day during the busiest season in the spring.

Chicago Parks Mixture.—Finest Quality, lb., 25c.; 5 lbs., \$1.00; bu., (14 lbs.) \$2.75; 3 bu., \$7.50. Good Quality, lb., 20c.; bu., \$2.40; 3 bu., \$6.75. If to go by mail add 8 cents per lb. for postage.

COLUMBIAN LAWN GRASS MIXTURE.

The following letter explains itself, and shows the estimation in which our Seed for Lawns is held by the highest authorities. Our friends and customers are invited to inspect the grass plots next summer in the locations mentioned. We offer our *Columbian Mixture* of Lawn and Grass Seed, as supplied to the World's Columbian Exposition, and which we especially recommend for shaded situations and for comparatively light soils.

Jackson Park, January 15th, 1894.

VAUGHAN'S SEED STORE: Chicago and New York
Gentlemen!—The Landscape Department of the World's Columbian Exposition has purchased from you for establishing lawns over 5,000 pounds of grass seed, obtaining therefrom, owing to the very fine quality of seed, the best results during the summer 1892 and '93. It was used in many sections of the grounds, viz: West of the Mines, East of the Service, South of La Rapida, and Stock Pavilion, also along the banks of the South Lagoons, the Wooded Island, Midway Plaisance, and the North end of Jackson Park. Yours truly, R. ULRICH,

Supt. Landscape, Road and Miscellaneous Depts.

Columbian Lawn Mixture. Lb., 25c.; 5 lbs., \$1.00; bushel, (14 lbs.) \$2.75; if to go by mail add 8c. per lb. Write for special prices on lots of 5 bushels and over.

LAWN FERTILIZER.

Our *Lawn Fertilizer* (Bone and Phosphates) is a most desirable article for supplying the soil with requisite food for a luxuriant growth of grass, and avoid all the objectionable features of animal manure, as weed seeds, etc. Our customers who have had it once will have no other. It can be applied either in the Spring, Summer or Fall, at the rate of one pound to 16 square feet. Price, 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

How to Make a Lawn.

Some previous cultivation, or at least a thorough turning over should be given. A clayey loam is the best soil foundation for a good lawn. Let the surface be graded to the level wanted in all parts and well rolled—a light raking following this will prepare for the seed sowing, which should be done as early in spring as the ground can be worked, provided the ground has not already been prepared in the fall. The very best time, the ground being in order, is about April 1st. Three to four bushels per acre should be sown; the latter amount is best, for the young plants are but small, anyway, and if thick, cover the ground better and make a smoother and more even turf. Never sow oats or other grains—you can't assist a weak plant by crowding it with a strong one. Our seed, which we believe to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; they are carefully cleaned and as free as it is possible to make them from weeds.



GRASS SEEDS FOR ALL SOILS.

THESE PRICES are f. o. b. either Chicago or New York, and include bags, purchaser paying all transportation charges, but are subject to market fluctuation. Should any article appear high, write for samples and lowest quotations based on daily market. **IF TO GO BY MAIL, ADD 8 CENTS PER POUND FOR POSTAGE.**



MEDIUM RED CLOVER.

	PER LB.	10 LBS.	100 LBS.
Kentucky Blue Grass ,.....			
Fancy Clean Seed. (Bushel 14 lbs.)....	20c.	\$1.50.	\$12.50.
Red Top,			
Extra Clean Seed. (Bushel 14 lbs.)....	15c.	.85.	7.00.
Fancy Clean Seed. (Bu. about 42 lbs.)	20c.	1.50.	11.00.
ORCHARD GRASS. (Bushel 14 lbs.)	20c.	1.85.	13.00.
TIMOTHY or Herd's Grass	10c.	.70.	3.60.
(Bushel 45 lbs.)			
MEADOW FESCUE, or English Blue Grass. (Bushel 18 lbs.).....	25c.	2.00.	17.00.
ENGLISH, or Perennial Rye Grass, bu. 24 lb.	15c.	1.40.	12.00.
TALL MEADOW OAT GRASS, (Bu. 14 lbs.)	30c.	2.50.	22.00.
SWEET VERNAL, (Bushel 10 lbs.).....	25c.	2.25.	19.00.
FOWL MEADOW GRASS, (Bushel 14 lbs.)	30c.	2.85.	26.00.
CREeping BENT GRASS, (Bushel 15 lbs.)	25c.	2.35.	20.00.
Millet German or Golden. (Bu. 50 lb)	10c.	.40.	1.75.
HUNGARIAN. (Bushel 48 lbs.).....	10c.	.50.	2.00.

Recleaned Clover Seed. (60 lbs. to the bushel.)

Prices subject to market changes.

If to go by mail add 8c. per lb.

	Per lb.	10 lbs.	100 lbs.
Medium Red Clover.	15c.	\$1.30	11.00
Mammoth Clover ,.....	17c.	1.50	12.00
White Dutch Clover.	25c.	2.25	18.00

	Per lb.	10 lbs.	100 lbs.
Alfalfa or Lucerne	20c.	\$1.65	\$12.00.
Alsike or Swedish	25c.	2.10	18.00.
Crimson or Carnation	20c.	1.65	12.00.



RED TOP GRASS. (AGROSTIS VULGARIS.)



Recleaned Grains,
Fire Dried Corn,
Extra Clean Grasses.

PLEASE NOTE that the prices given on all Farm Seeds by the half peck, peck, half bushel and bushel are NET, f. o. b. either at Chicago or New York, the purchaser paying all transportation charges. We make no charge for bags or cartage. Write for SPECIAL PRICES on large quantities.

BARLEY, MANSHURY.

The best all-round variety in cultivation, six rowed, with very long heads, well filled and heavy; straw strong and upright, which makes it easy to harvest, weighs 45 to 50 lbs. to the measured bushel and yields from 40 to 60 bushels to the acre. Price, lb., 25c., postpaid; peck, 60c.; bushel, \$1.50.

• **BARLEY, BLACK.** •

A six rowed variety in habit about like Manshury, but hullless; and shows by the test of Prof. Wiley, the government chemist, to be superior to Indian Corn in nutritive elements for feeding cattle and hogs. It is wonderfully productive, having yielded 103 bushels of shelled barley from two bushels of seed sown, a return of fifty-four fold and is a much surer crop than corn, especially in the North-west. Price, lb., 25c., postpaid; peck 50c.; bushel, \$1.50.

==== **BARLEY, NEPAUL OR HULLLESS.** =====

A two rowed variety, grain much resembles wheat, but is double the size; stalks shorter than ordinary, while heads are longer. Oz., 15c.; lb., 25c., postpaid; peck, 40c.; bushel, \$1.20.

BROOM CORN, IMPR. EVERGREEN.

The best variety for general cultivation on account of color and quality of brush; ripens very early, grows about 8 to 10 feet high, brush of good length, fine and straight, and always of green appearance when ripe and will not get red in the field before it is cut. Price, lb., 25c., postpaid; peck, 50c.; bushel, \$1.60.

BROOM CORN, NEW JAPANESE.

An extra early variety, matures in about seventy-five days when planted late. Can be planted after wheat with good success, thereby making two crops on the same ground. The brush is fine and long, without center stalk, which is a most desirable point to broom corn raisers and manufacturers. Price, lb., 25c., postpaid; peck, 60c.; bushel, \$2.00.

JERUSALEM CORN



JERUSALEM CORN.



BROOM CORN



JAPANESE BUCKWHEAT.

BUCKWHEAT, NEW JAPANESE.

A distinct variety with kernels at least double the size of those of any other variety, and of a shape peculiar from all others. The straw is heavier, branches more, and does not need to be sown as thickly as other sorts. It is enormously productive and will yield fully twice as much on the same ground as any other and it ripens one week to ten days earlier, stands up better, and makes better flour than any other kind. Price, lb., 25c., postpaid; peck, 50c.; bushel, \$1.50.

BUCKWHEAT, SILVER-HULL.

This variety is a decided improvement on the old black or gray sort, matures a few days earlier and yields more. Price, lb., 20c., postpaid; peck, 35c.; bushel, \$1.25.

BUCKWHEAT, Common.—Peck, 30c.; bushel, \$1.10.

JERUSALEM CORN.

It belongs to the non-saccharine sorghums, grows about three feet high, makes one large head on main stalk, and several smaller heads on side shoots, often as many as eight heads on one stalk. The grain is pure white and nearly flat. It is pronounced by all who have grown it to be superior to Kaffir Corn and Millo Maize both for forage and grain purposes; and is a sure crop for dry sections. Three pounds of seed will plant an acre. Pkt., 10c.; lb., 25c.; 13 lbs., 60c., postpaid. Not postpaid, 10 lbs., \$1.00; 50 lbs., \$3.25.

KAFFIR CORN.

One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth, springing at once from the roots, will still mature (in climates similar to Central Kansas) a full crop of grain and a second full crop of forage before the middle of October. Sow in rows 3 feet apart, 3 to 5 lbs. of seed to the acre. Pkt., 10c.; lb., 25c., 3 lbs., 60c. postpaid; not prepaid; peck, (12½ lbs.) \$1.00; bush., (50 lbs.) \$3.00.

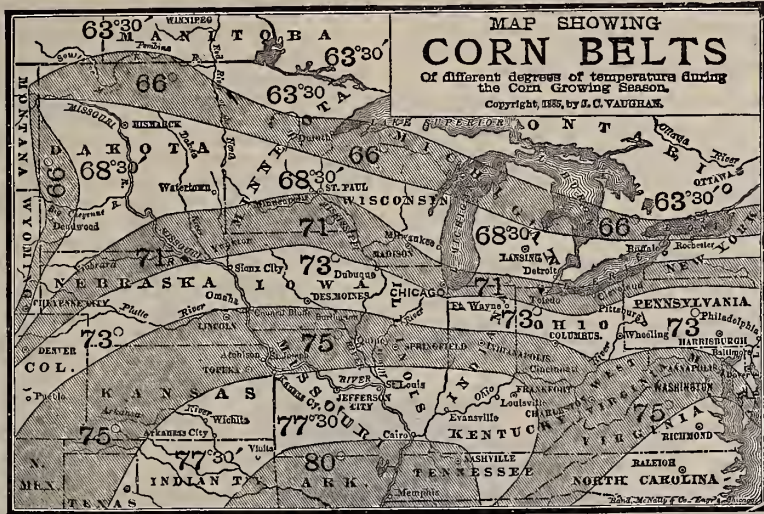
JAPANESE BUCKWHEAT

VAUGHAN'S SEED CORN

FIRE DRIED.

EARS OF CORN.—

We undertook when commencing our Seed Corn business to supply every variety in the ear. We have great faith in it from the fact that we have never yet found a corn grower who did not prefer to buy his corn in that condition. It is no easy matter to handle corn in this manner as it demands extra care, work and expense in selecting, curing, storage and in shipping. We have tested the varieties we sell and know they will mature where recommended. The descriptions given show the Belt in which each variety can be matured. Do not believe that any one sort, however desirable, is suitable for any large area of country. Our work of past years has placed us in position to fill all orders carefully, intelligently and with the *Best Seed of the Right Sort to Mature* with you—for every planter should plant the very *Largest Kind which he is reasonably sure to mature.*



Our Corn Belt Map

shows the central portion of the United States divided into sections about 100 miles wide. By referring to such belts, we can best show our customers where the kinds offered will mature. It will be readily noticed that these lines of equal heat during corn growing weather do not correspond with parallels of latitude, as many suppose.

To avoid delay.—

When the time is short, late in the season, customers will do well to give at the bottom of their order their *second choice* in case the first they want is sold out, or state if we may send the variety best adapted or return the money.

By freight we usually ship in gunny sacks containing one bushel. No charge for sacks or delivery to depot.

None of the prices on this page include transportation charges, except noted.

Chester County Mammoth.—One of the best, largest growing and most prolific Dents for its section (Belt 73°). Rows 16 to 24 in number with deep grain; cob medium. Weight 58 lbs. to measured bushel, and will yield under good cultivation 100 to 150 bushels of shelled corn to the acre. It is grown in Chester County, Pa., for our trade; it is the same excellent seed we have sold for many years. Our strain of this well known sort is smaller, earlier and shorter in stalk than most Chester County corn. It will certainly please our customers in CORN BELT 73°, and with fair season farther north. Will shell it for customers if wanted.

Price, by freight or express, 6 ears, 25c.; peck, 60c.; bushel, \$1.90. By mail, shelled, large pkt., 10c.; lb., 25c., postpaid.

Champaign County Prolific.—A splendid strain of deep grain yellow Dent from one of the best growing Corn sections of the Grand Corn State, Illinois. Northern Corn Belt 73°. A rich Corn for stock feeding, 16 to 20 rows, bright yellow. Price, by express or freight, shelled, bushel, \$1.75. By mail, shelled, large pkt., 10c.; lb., 25c.; postpaid.

FODDER AND ENSILAGE CORNS.

Good fodder and plenty of it, supplemented by a generous grain ration, is as essential as good cows in profitable dairying, and when well grown and properly cured is quite equal in value to average hay. To secure the full nutritive value of *Corn Fodder*, it should be planted in drills 3 ft. 8 inches apart, and at the rate of 12 to 16 quarts per acre, to get the full benefit of both sun and air, which are necessary for the complete development of the plant.

Red Cob Ensilage.—A southern type of large white corn with deep red cob, strong leafy stalks and short joints. Adapted to all sections of the country, and a general favorite with thousands of dairy farmers. Price, shelled, peck, 50c.; bushel, \$1.00; 2 bushels, \$2.00.

Virginia Mammoth White.—Thousands of carloads of this have been used in the Northern Central States for Ensilage and Fodder purposes, and sold under various fancy names, but the main supply is Virginia grown, and where pasturage is expensive it is the cheapest and best food that can be grown for feeding green to stock of all kinds. Price, shelled, peck, 50c.; bu., \$1.25; 2 bus., \$2.40.

Evergreen Sweet.—The dairy farmers of the Northwest have found nearly double the value in sweet corn fodder over field sorts. We recommend it above all others for sowing broadcast or in drills

for summer and early fall green feed during the summer months, helping out the shortness of summer feed and keeping up a supply of milk. Peck, 50c.; bushel, \$1.25; 2 bushel bag, \$2.40. We can sometimes offer other varieties of sweet corn besides evergreen of which we have a surplus, at lower rates; write for samples and price if you need a quantity. [These fodder corns are all shelled.]

Queen of the Field.—We have for ten years made a careful study of the best kinds of Indian Corn in the U.S., as grown in Illinois. We have tried all the new ones and for a yellow dent suitable for the sections named below we are sure there is none better. (Do not use it too far South except for late.) A bright yellow dent variety, twelve to sixteen rowed with deep grain and small red cob, weighing sixty pounds to the measured bushel. It is very early, having been grown for seven years in Northern Central Illinois (about Belt 72°) from carefully selected seed stock, and will generally ripen and fully mature in ninety days of good corn weather. It is one of the best croppers, often having two good ears to the stalk, and has yielded over 100 bushels of shelled corn to the acre. Price, by express or freight at purchaser's expense, all selected ears, fire dried, 6 ears, 20c.; ½ peck, 35c.; peck, 55c.; bu., \$1.65; 3 or more bushels at \$1.50 per bu. By mail, postp., pkt., 10c.; lb., 30c.

Steward's California Dent.—Can be depended upon for a crop nearly up to the North line of 'Corn Belt 73°'. Ears about 8½ inches long, 20 to 22 rowed, deep kernels. Price, by freight or express, 6 ears, 25c.; ½ peck, 35c.; peck, 55c.; bushel, \$1.65; 5 bushels, \$7.50. By mail, large pkt., 10c.; lb., 25c.; postpaid.

White Pearl.—Wisconsin grown. The best very early white dent, suitable for Corn Belt 71°, which includes Southern Minnesota, Northern Iowa, Southern Michigan and similar belts. Customers using a white dent for either regular crop or late planting or for feeding will find this for the localities named entirely satisfactory. Price, by freight or express, 6 ears, 25c.; peck, 60c.; bu., \$1.85. By mail, large pkt., 10c.; lb., 25c., postpaid.

The Leaming.—A yellow dent variety; ears are of good size, set low down, and nearly always two good ones to each stalk, from 12 to 14 inches in length, averaging twenty rows of deep grains. It matures reasonably early, 110 days of an average season in Belt 71°, and 120 days in Belt 68° 30' would probably mature it. Price, by freight or express, 6 ears, 25c.; peck, 60c.; bu., \$1.65. Shelled, large pkt., 10c.; lb., \$1.25, postpaid.

Wisconsin Yellow Dent.—This is the best dent of its color for the South half of Wisconsin and similar Corn parallels (see map). Don't plant it farther South where you can raise readily a larger kind unless you plant for late crop. It has been brought to its present *nearly perfect type* by careful selection and is in every way one of the most desirable kinds for Corn Belt 71° and even somewhat North of that. Average weight of ears about 9 to 10 ounces with many rows, generally from 18 to 20 and often as high as 22. Price, by express or freight at purchaser's expense, selected ears, 6 ears, 25c.; ½ peck, 40c.; peck, 60c.; bushel, \$1.75. By mail, postpaid, pkt., 10c.; lb., 30c.

Vaughan's Corn and Potato Manual.—A complete history of Indian Corn and the Potato, with full cultural notes, paper, 25c.

Pride of the North.—This is a small Dent variety, maturing in about 90 days. The stalk is short and thick and frequently bears two good ears from 7 to 10 inches in length, kernels long thick and narrow, deep yellow color and very oily; small cob. Our stock has been grown in Corn Belt 72°, and is good for that section. Price, by freight or express, 6 ears, 25c.; peck, 50c.; bus., \$1.50. By mail, shelled, large pkt., 10c.; lb. 30c., postpaid.



QUEEN OF THE FIELD CORN.

Longfellow Flint Corn.

This is a beautiful eight-rowed yellow flint, the result of careful selection and is not excelled by any of its class. The ears are from ten to fifteen inches long and one and one half to one and three-fourth inches in diameter, well filled out to extreme end of cob; kernels are large and broad, cob small. Very prolific, having yielded two hundred bushels of good sound ears and several bushels of nibbins to one acre. Price, shelled, large pkt., 10c.; lb., 20c., postpaid. Peck, 60c.; bu., \$1.75; 2 bu., \$3.25.

GOLDEN DEW DROP.

A handsome Connecticut grown, bright yellow, eight-rowed flint variety, somewhat resembling the *Canada yellow* in appearance, but brighter in color, and fully as early. Grains of good size; small white cob. It is a good yielder, frequently producing two or three ears to the stalk, suitable for Corn Belt 71°. Price shelled, large pkt., 10c.; lb., 20c., postpaid. Peck, 65c.; bushel, \$2.00.

KING PHILIP (REDDISH FLINT).

One of the oldest and best known of the flint varieties; suitable for Corn Belt 71° and North. We have again, as usual, secured thorough-bred Eastern grown seed of this sort. Price, shelled, large pkt., 10c.; lb., 20c., postpaid. Peck, 65c.; bushel, \$2.00.

POP CORN.

ILLINOIS SNOWBALL.—Introduced by us in 1885. A cross of the Common Rice and the white Pearl. Its ears are double the size of the common variety; it is exceedingly prolific, having yielded 65 bushels on ½ acre. It is a strong stocky grower, but quite dwarf, seldom exceeding 5 feet in height; bears two or three fine heavy ears. It is the best Pop Corn for home gardening that we know of.

Mapledale Prolific.—The most prolific variety grown, a single stalk having yielded 22 ears. The kernels are nearly clear white in color, the stalks grow 6 feet high, the ears are large in size, averaging 6 inches while many reach 8 inches in length. It pops pure white and is of good quality.

White Rice.—A very fine white variety, ears 4 to 5 inches in length and 1½ in. diameter. Kernel pointed. Especially salable among the retail grocers.

Queen's Golden.—One of the largest yellow and most prolific varieties grown; its qualities and handsome appearance when popped are very noticeable; it pops perfectly white and a single kernel will expand to a diameter of nearly one inch; the stalks grow six feet high, and the large ears are produced in abundance.

Striped Rice.—Quite a distinct cross of the red and white Rice; appearance is quite striking; the grains being striped and mottled with light and dark red and white.

See novelty pages.

Price, for any kind of Pop Corn, postpaid, pkt., 5c.; ½ lb., 15c.; lb., 25c.; not prepaid, lb., 15c.; 3 lbs., 30c.; 10 lbs., 75c.; 25 lbs., \$1.65.

F. B. VAN ORMAN, of Lewis, Iowa, alluding to THE R. N. Y.'s remark as to Mapledale Prolific pop-corn, says that he has grown it for three years and finds it a fine cropper, averaging from one to three ears to a stalk—generally two- and four or five stalks to the hill, three feet ten inches by two feet. It is not pure, however, as some of the ears have white kernels and eight rows or more. The stalks grow from six to seven feet on rich soil; four to five on poorer soil. The ears are borne high.

WEST POINT, NEB.—Enclosed find my testimonial for the Queen of the Field Yellow Dent Corn. The six ears you sent me last spring yielded 16 bushels and if it had been planted on better land it may have yielded more. We are going to plant 30 acres of it this year, all fall ploughed land, and I will let you know this fall what it yielded.

H. F. BREDOEHL.

White Milo Maize.

Valuable as a forage plant and for its grain, having great capacity to stand drouth. It can be cut and fed at any stage, or cured, when heading out, for fodder. It bears grain in erect, full heads, and is almost equal to corn for feeding all sorts of stock; also makes excellent meal. Three to five pounds per acre. Lb., 5c. bu. shel, (50 lbs.) \$2.00.

YELLOW MILO MAIZE.

This growth is tall, nine to twelve feet, stooling from the ground like the White Milo Maize, but not so much. It sends out shoots also from the joints. The seed heads grow to great size on good land, often weighing three-fourths of a pound, sometimes a full pound after being fully ripe. On account of its branching habit and tall massive growth, this grain should be planted in four or five rows, and two to three feet in the drill, according to the quality of the land, two plants in a hill, 3 to 5 feet apart. Lb., 5c. bushel, (50 lbs.) \$2.00.

LARGE AFRICAN MILLET.

A variety of sorghum, non-saccharine, growing stalks eight to ten feet high, and yielding heads of grain ten to fifteen inches long, weighing six ounces to a half pound when fully ripe. The foliage corresponds to the foliage of Amber cane. It bears dry weather and makes its crops where corn would wholly fail. Plant in early April, in three foot rows, leaving one or two plants every twelve inches in the row and cultivate as corn. Three to five pounds per acre. This variety makes the most forage, besides a large quantity of seed per acre. Lb., 5c.; bushel, (50 lbs.), \$2.00.

Mammoth White Vosges Carrot.

A field variety, one of the best for feeding cattle. The roots are very broad at the neck, narrowing abruptly to the point, the entire length being about 8 inches with a diameter of from 4 to 5 inches. It is easily pulled, and especially suitable for soils that are not very deep. It is very productive and keeps well. Pkt. 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; 5 lbs., \$2.60, all postpaid.

BIRD SEED.

We carry a complete stock of bird seeds and furnish the best and cleanest grades. Prices subject to market changes.

Mixed Bird Seed, per lb., 7c.; 5 lbs., 30c.; 10 lbs., 55c.

Canary, per lb., 7c.; 10 lbs., 60c.

Rape, per lb., 7c.; 10 lbs., 65c.

Millet, per lb., 5c.; 10 lbs., 40c.

Hemp, per lb., 7c.; 10 lbs., 60c.

Giant Long White Flint Corn.

For Corn Belt 72°. A Connecticut grown tawny or smoky white variety at home in that State and Long Island suitable for all similar sections, and wherever such a large kind can be grown, ears 15 to 18 inches long, 8 rowed. The seed Corn we offer this year is grown from a strain of seed selected for several years, in which only the very largest, smoothest ears have been saved. A fine exhibition sort, and a grand cropper, probably the best large flint grown. Price, shelled, large pkt., 10c.; lb., 30c., postpaid; peck, 75c.; ½ bush., \$1.40; bush., \$2.35. At our N. Y. Store, bush., \$2.15; 3 bush. lots, \$2.00 per bu.

Lathyrus Sylvestris, a new forage plant of great value. Excellent for pasture and yields immense crops of hay. It is twice as rich for feedings as Alfalfa. The roots grow 30 feet down in the ground, and neither drought nor cold can injure it. It lasts 50 years without reseeding. Full directions go with the seed. Pkt., 10c.; oz., 35c.

CHUFAS, OR EARTH ALMONDS.

A species of "grass nut" (*Cyperus Esculentus*) much used to fatten hogs. It is not to be confounded with the Cocoa or Nut Grass, for though it belongs to the same class, the Chufa is eradicated with great ease, and is never a pest. The nuts grow under the ground, very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April in rows 3 feet apart and 8 to 10 inches apart in the row. If seed is dry soak before planting. One peck of seed per acre. Pkt., 10c.; quart, 35c., postpaid. By express, qt., 30c.; peck, \$1.50.

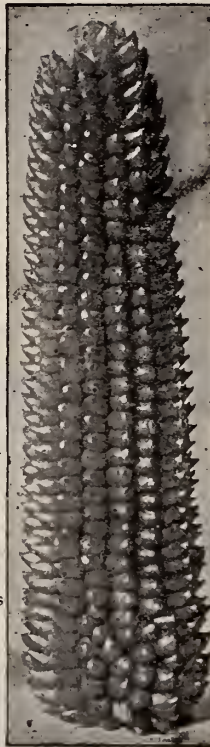
For seeds in larger lots than quoted, write for special prices.



LONGFELLOW FLINT.



STRIPED RICE.



WHITE RICE.



QUEEN'S GOLDEN.



MAMMOTH WHITE VOSGES CARROT.



CHUFAS, OR EARTH ALMONDS.

VAUGHAN'S CHOICE SEED OATS.

A very important point. All the Seed Oats we offer has been cleaned by our special mill (which is the finest in the west) for this purpose. *A more important point* is the reputation and high quality of the stock we offer. Comparison invited with those who boast **fancy sorts** under doubtful names at **double prices**. You can afford to change your seed at this cost and it will pay big value by increasing the weight of your grain crop about twenty-five per cent. *Samples of any variety, 5c.; lb., 25c., postpaid.*

Giant Yellow French.—Sold by others as "Giant Yellow Side Oats." It has been selected since 1880 and may be recommended with confidence as the most prolific in existence; *is extremely hardy, makes a strong stool and grows with a vigor and rapidity not equaled by any other sort.* The straw, which is heavy and strong, never lodges. The heads are compact and often measure over 11 inches in length. The grain is *heavy, large and plump.* Bulletin No. 7 of Illinois University reports the Giant Yellow French as giving the largest yield of all sorts tried. We imported a large stock the first season and now offer this oat at the lowest rates in the country. We believe it worthy of extended cultivation. Peck, 40c.; bush., \$1.25; 2½ bush., \$3.00; 5 bush., \$5.50.

Race Horse, also called Clydesdale.—Imported and first introduced by us from England in 1886. The handsomest Oat we have ever seen. A heavy cropper, two weeks earlier than most sorts, with very plump grains. Now ranks as one of the best yielders. It is a good Oat, send for sample. Peck, 35c.; bushel, \$1.15; 2½ bushels, \$2.50; 10 bushels, \$9.50.

Improved Black Tartarian.—Repeated inquiries for a good black Oat the past few seasons induced us to import a few bushels of the best "Tartarian" stock in Europe, which we have grown in sufficient quantity to offer this year so that our customers can have a chance to try its merits; the grain is very large, plump and full, and it is exceedingly prolific, having yielded at the rate of 100 bushels per acre, with only ordinary cultivation and has proved absolutely *rust proof*, where other varieties were destroyed by rust. We do not hesitate to recommend it, and we are sure that all who give it a trial will find our "**Improved Tartarian**" the best black Oat in existence. Peck, 35c.; bushel, \$1.15; 2½ bushels, \$2.50.

American Banner.—This grain is large, white and plump; ripens early, has stiff straw of good strength. You cannot go far wrong in giving it a trial. Peck, 35c.; bushel, \$1.15; 2½ bushels, \$2.50.

Badger Queen.—One of the earliest, heaviest, handsomest and most prolific varieties. A very rank grower, stools freely, straw stiff, heads long and spreading, filled to the point with plump heavy grain. Led 28 varieties at Ohio Agricultural Station with a yield of 76 bushel per acre. Our stock is direct from the introducer and recleaned by ourselves. Peck, 35c.; bushel, \$1.00; 2½ bushels, \$2.25.

Wide Awake.—Originated in Central New York, where it is highly thought of. It has a very long and stiff straw with a very plump and heavy grain, having long meat and thin husk. Price, peck, 35c.; bushel, \$1.15.; 2½ bushels, \$2.40; 10 bushels, \$8.00.

NOTICE:—Prices quoted here on such Farm Seeds, Potatoes, Grass and Clover Seed as are Western grown are based on shipment from Chicago. Our Eastern and Southern customers when ordering such stocks from our New York Store should add 50c. per 100 lbs. for Freight rate if to be shipped from New York. However certain kinds of Potatoes and Eastern grown Corn, we carry in stock there without extra Freight charges. Write us if in doubt or for close prices on large orders.

LENTILS.

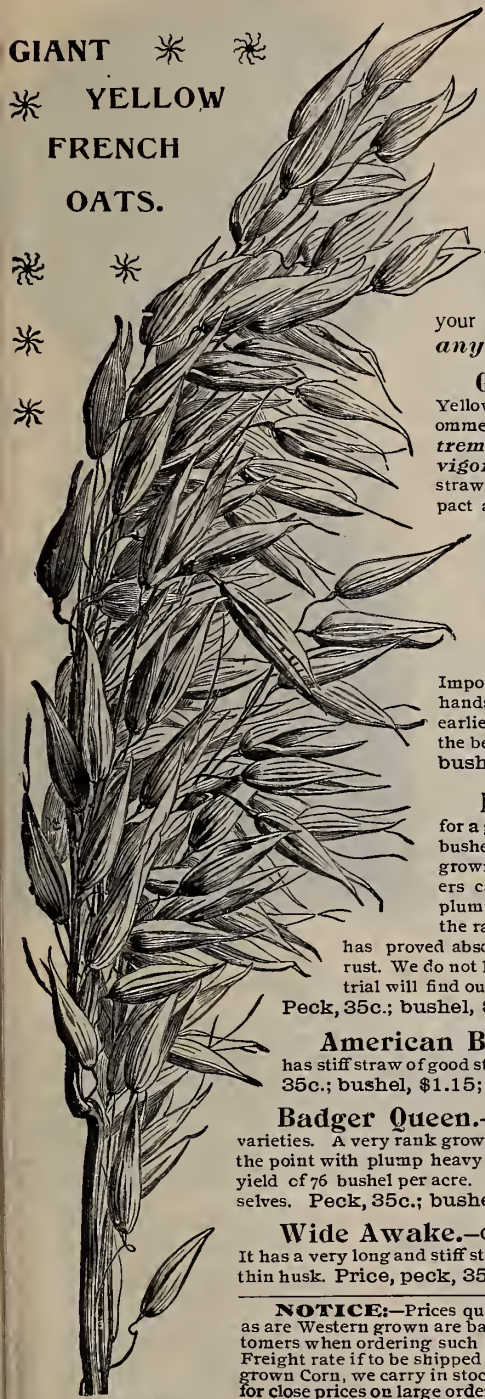
(LINSEN.)

This is a comparatively unknown but really valuable addition to our food supplies. The seeds should be sown in spring in drills and no further attention is required until August or September when the plants are ready to gather. The seeds keep best in the pods and should only be removed as occasion requires. They are cooked after the manner of beans; they also make excellent soup.

Oz., 5c.; ¼ lb., 15c.; lb., 30c. Postpaid. By express, 10lbs., for \$2.25.



RACE HORSE OATS.



GIANT * * *
* YELLOW
FRENCH
OATS.

* * *
* * *
* * *



The mammoth Virginia Peanut is the most profitable variety to grow, and is more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage, and the largest pods and kernels of any variety; also yields fewer imperfect pods. The vines make valuable forage for stock. Pkt., 10c.; lb., 35c.; postpaid.

Spanish Peanut.—The earliest variety grown; pods are small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the plow. Because of their early habit, and easy cultivation, the best variety to grow for fattening hogs. Pkt. 10c.; lb., 35c., postpaid.



LENTILS.

SUGAR CANE, EARLY AMBER.



EARLY AMBER CANE.

Its early maturity adapts it to almost every section; it has given entire satisfaction wherever introduced, as a profitable crop for fodder, as well as for sugar making. It usually grows 11 to 12 feet high and stands up well. If planted the first week in May the seed almost invariably ripens, thus giving a double crop each year, yielding 20 to 25 bushels of seed and 140 to 175 gallons of syrup to the acre. It costs as much to raise a crop of mixed, as of pure cane, but the latter will give back three-fold more in return for the labor. Therefore order our pure hand-picked Iowa grown seed cured free from rain and of a strain noted for sugar making quality. Pkt., 10c.; lb., 20c.; postpaid; not prepaid, 10 lbs., 50c.; 50 lbs., \$1.75.; 100 lbs., \$3.00.

Sugar Cane, Early Orange.

A later variety than Early Amber, more suitable for the south, lower middle and western states; requires a longer season to ripen, but is much larger and lankier in growth, yielding about twenty-five per cent. more and is much more juicy than any other variety. Price same as Early Amber.

TEOSINTE.—(REANA LUXURIANS.)

A forage plant for the Southwestern and Southern states; growing twelve feet high, very thickly covered with leaves, yielding such an abundance of forage that one plant is considered to be sufficient to feed a pair of cattle for twenty-four hours. Not recommended for Northwest. Pkt., 10c.; oz., 25c., postpaid.

VETCHES.—FOR SPRING OR FALL SOWING.

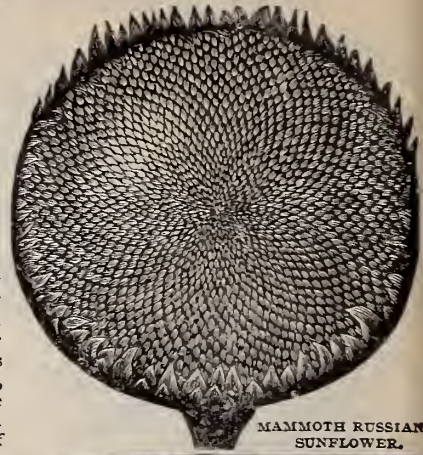
Vetches are grown for a forage crop. They can be cheaply raised, fed green, cured or ensilaged. In Scotland and England they are grown largely for this purpose, and where land is not adapted to hay, or is expensive, or pasturage is poor or costly, it will pay to grow vetches as a forage crop. Peck, \$1.00; bushel, \$3.00.



VETCHES.

MAMMOTH RUSSIAN SUNFLOWER.

Single heads measure twelve to twenty-two inches in diameter, and contain an immense quantity of seed, which is highly valued by all farmers and poultry breeders who have tried it, as an excellent and cheap food for fowls. They eat it greedily, fatten well on it, and obtain a bright lustrous plumage, and strong healthy condition, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. The stalks when dry make a good hot fire, while the seed-heads, with the seed in, make a better fire than the best hard coal. Four quarts of seed will plant an acre. Oz. pkt., 10c.; pt., 15c.; qt., 25c.; postpaid. By express, qt., 15c.; peck, 75c.; bu., \$2.50.



MAMMOTH RUSSIAN SUNFLOWER.

Stachys Affinis.

A new and valuable ground fruit. The bulbs taste much like the tuber of an Artichoke, and are good cooked in a variety of ways, fried, roasted and baked, being very sweet, tender and nutritious. Planted in ordinary soil they yield a bushel of tubers to every ten feet of row. For feeding swine they are particularly valuable, owing to their enormous productiveness. They are perfectly hardy, and like parsnip and artichokes are best if left in the ground till spring. Price of tubers, doz., 15c.; 100, 60c., postpaid.



STACHYS AFFINIS.

Jerusalem Artichoke.

(See Page 1.)

Lb., 30c.; 3 lbs., 75c. postp'd.

WILD RICE.—(ZIZANIA AQUATICA.)

As an attraction for wild fowl it cannot be equalled. In large ponds and lakes it purifies the water and affords a refuge for the small fry from the large fish, also furnishing them plenty of food from the animalculæ upon its stalks. For planting in fish ponds it is especially desirable. It also does well along the shores of marshes and makes a good hay. At the South two crops can be cut and all cattle are fond of it. It should be planted in two or three feet of water having a mud bottom; grows very rapidly and ripens late in August or early in September. Lb., 40c., postpaid; bushel of 20 lbs., \$4.00. Write for prices on larger quantities.

Dwarf Essex Rape.

—Farmers who raise much stock and desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing the Dwarf Essex Rape. Sow at the rate of four pounds of seed per acre. Lb., 25c., postpaid.

TREE SEEDS.

ONE POUND LOTS AND LESS FREE BY MAIL. LARGER LOTS AT BUYER'S EXPENSE.

ASH, White.—This is one of the most valuable varieties for forest planting. It is adapted to a wide range of soil and climate. It is an extremely rapid grower, often attaining a growth of six feet in a single season. It is one of the easiest varieties to transplant or grow from seed, requiring no more skill or care than the ordinary crop of white beans or Indian corn, with the exception that the seed usually lies dormant the first season, but it is sure to grow the next season if the ground is not disturbed. Oz., 5c.; ¼ lb., 10c.; lb., 30c.; 5 lbs., not prepaid, 90c.

Catalpa Speciosa.—The hardy western variety, now being very largely planted. It is of very rapid growth, making one of the best timber trees. Sow thickly in rows about four feet apart, in April or May, and cover to the depth of one-half inch, and keep free from weeds. Transplant to their permanent places the next spring, and cultivate for two seasons. A pound contains 16,000 to 22,000 seeds. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.; not prepaid 5 lbs., \$2.70.

Box Elder.—This is the easiest grown and most generally successful of all tree seeds commonly planted. It is a most rapid grower and makes a very leafy shade; it will produce the largest amount of fuel in the shortest time of any of our hardy trees. Soak the seeds before planting. A bushel contains 10,000 seeds; (bush, 10 lbs.) Price per oz., 5c.; ¼ lb., 12c.; lb., 30c., not prepaid, 10 lbs., \$1.75; 50 lbs., \$5.75; 100 lbs., \$11.00.

Maple, Oregon Mammoth.

—This is the large mammoth-leaved Maple, peculiar to the North-west coast. It is one of the most graceful trees in the country; varying from 40 to 90 feet in height. Its leaves are often twenty inches in breadth. While it is a species of Maple peculiar to the Northern climate of Oregon, it has been fully tested in other states and countries, and found to grow rapidly in either cold or warm, dry or damp climates. As a shade tree it has no rival. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., (about 7,000 seeds,) \$1.00.

	pkt.	oz.	¼ lb.	lb.
APPLE SEED, (bush, 40 lbs.).....	5	7	20	40
Not prepaid, 10 lbs., \$2.25; 100 lbs., \$17.00.				
APRICOT, Russian.....		10	20	60
ARBOR Vitæ.....	5	15	50	180
ASH, White, 10 lbs., not prepaid \$2.00.		5	10	30
BALSAM Fir.....	5	20	60	2 00
LARCH, European.....	5	10	30	1 25
LOCUST, Black or Yellow.....		5	15	45
LOCUST, Honey, 5 lbs., not prepaid, \$1.25.		5	15	45

	pkt.	oz.	¼ lb.	lb.
MULBERRY, Russian.....	10	20	60	2 00
MYROBOLAN PLUM.....	5	10	20	60
OSAGE ORANGE, Bush., (33 lbs.) \$5.00.		10	15	30
PEAR, bush., (50 lbs.) \$2.00.				
PEAR, French.....	5	20	60	2 00
PINE, Scotch.....	5	20	60	2 00
SPRUCE, Douglas.....	10	40	1 30	5 00
SPRUCE, Norway.....	5	10	65	1 25

SMALL FRUIT SEEDS.

Cherry Curren, Strawberry, Raspberry, Gooseberry, Blackberry, Black Currant, White Currant, each, pkt., 10c.

GEM CULTIVATOR



This is, without doubt, one of the most popular and best of all the hand cultivators made. Over twenty thousand have been sold since they were introduced and all have given best satisfaction. It is a most practical tool and made of best material only.

No. 1—SINGLE WHEEL "GEM," \$4.00

The working parts of the Single Wheel "GEM" are: 2 Scuffle or Cutting Blades, one 4½ and one 9 inches wide, 2 plows, right and left hand; 5 Stirring Teeth; all made of best steel. The wheels and handles of the "GEM" are both adjustable in height, while the frame is

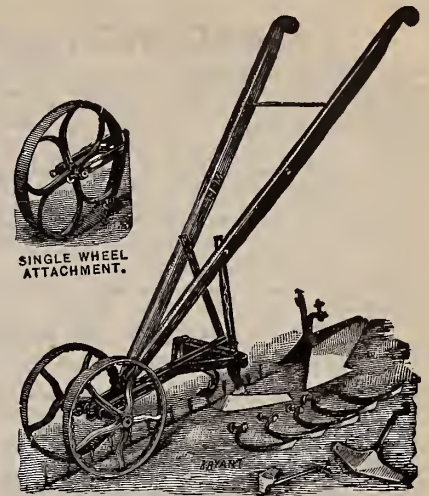
so slotted that the hoes, teeth and plows can be set in almost any position or angle. The Scuffle Hoe makes a clean cut, and is followed by the teeth—five or less—which thoroughly pulverize the soil, and drag out and expose to the sun the roots of the weeds cut by the hoes. The hoes, of thin steel, and presenting nearly a straight line to the work, avoid the "dodging," so common to tools of this kind. Price of single-wheel machine, No. 1, with all parts (except the double wheel and the pair of side hoes) \$4.00, f. o. b. cars or at express office.

No. 2—DOUBLE AND SINGLE WHEEL COMBINED, \$5.00

This has in addition to the Single Wheel Machine, No. 1, sold at \$4.00, the Double Wheel Attachment and two extra Steel Blades which we furnish with the Single Wheel, including all parts shown in the engraving, for \$5.00. The Double Wheel Attachment, with these extra Blades, is of great service working both sides of the rows among young plants.

No. 3—DOUBLE WHEEL "GEM," \$4.25

This consists of the main Frame and Handles and the pair of Side Hoes and Double Wheel Attachment, and we furnish them at \$4.25.



GEM CULTIVATOR
Double and Single Wheel combined, \$5.00.

GLEN HAVEN, GRANT CO., WIS.—Received your "New Model Seed Drill" in due time. It is all right and works splendid. W. I. WOOD.

COMBINATION PRICES SINGLE WHEEL "GEM"

WITH SEED DRILLS

(Add \$1.00 extra if you want both Single and Double Wheel Attachments.)

A. H. Matthews' Garden Drill.....	\$10.50	for the two machines
A. H. Matthews' Little Gem Drill... ..	8.35	" " "
Matthews' Garden Drill (round box).	10.60	" " "
New Model Drill.....	9.75	" " "
Planet Jr., Drill No. 2.....	10.50	" " "
Planet Jr., Combined Drill.....	12.50	" " "

PLANET JUNIOR DOUBLE WHEEL HOE

CULTIVATOR, RAKE AND PLOW COMBINED.—Has the invaluable feature of tending both sides of the row at once. The wheels can be set four, seven or ten inches apart. It has a pair of hoes, a pair of plows, two pairs of cultivator teeth, a pair of rakes and a pair of leaf lifters making it capable of every variety of gardener's work. Greatly improved for this season. Our net price, \$5.50.

PLANET JUNIOR PLAIN DOUBLE WHEEL HOE

To meet a demand from onion growers and others who want a hoe only, we offer the Double Wheel Hoe just described, supplied simply with one pair of long curved point hoes. This tool has the same adjustment of hoes and wheel as above and any or all of the other attachments may be added to this at any time, and will be found to fit. Our net price, \$3.75. List price, \$4.50.

PLANET JUNIOR SINGLE WHEEL HOE

CULTIVATOR, RAKE AND PLOW COMBINED.

This is considerably lighter than the Double, and is capable of nearly the same variety of work. Its attachments are, one pair of hoes, one pair of rakes, two narrow cultivator teeth, one wide tooth, one plow and one leaf guard. Owing to its lightness, it will be more pleasant to some than the Double Wheel Hoe. Though intended chiefly to work between the rows, it can be used by changing the wheel to one side of the frame, to hoe both sides of the row at once, while plants are small. Our Net Price, \$4.00. List price, \$6.00.

FIREFLY SINGLE WHEEL HOE—CULTIVATOR AND PLOW COMBINED.—It is light, strong and adjustable to quite a variety of work. It has two hoes which work either to or from the row, three cultivator teeth, and one garden plow, a single handle of stiff iron. Though like the former Firefly, it has the additional hoes and teeth. Our net price, \$3.25. List price, \$5.00.

FIREFLY WHEEL GARDEN PLOW.—This little plow has been found very useful for gardeners and private families in opening furrows, covering seed in drills and hilling growing plants. We have a large demand for them. Weight, 10 lbs. Our net price, \$2.15. (List price, \$2.50.)

JEWEL SINGLE WHEEL HOE.—One of the lightest and strongest tools of its class made—weighs only 15 lbs. It has two scuffle hoes, 6 and 9 inch, 4 steel stirring teeth, one hand plow. It is adjustable in all ways and splendid for onion growers. Price, \$3.75. With NEW MODEL DRILL for only \$9.25.

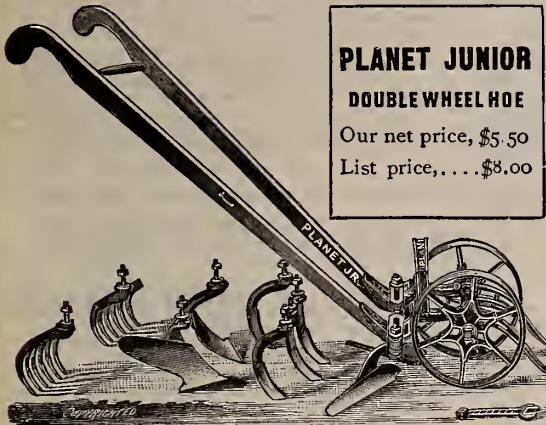
JEWEL DOUBLE WHEEL HOE.—Is also very light and strong, it straddles the rows, has two curved side hoes, 2 plows and 4 stirring teeth. It is very easily adjusted. Price, only \$5.00, with the NEW MODEL DRILL for \$10.50.

THE MCGEE CULTIVATOR

The feature of this tool lies in the fact that it straddles the row and that the handles can be moved independent of each other. Each handle has one of the knives attached to it and is held steady by a spring so that the blades can be moved up to or away from the plants as desired; while in use it is not necessary to stop and loosen bolts to adjust it, but simply move your hands in or out, and the blades will close so as to cut out all the plants and weeds, or open so as to pass by and leave the plants standing. This can be done with such ease, and so accurately after becoming used to the machine, that a man will work it as fast as he can walk and cut the weeds closer to the plants than can be done by other machines. Price, complete with one set of blades and one set of cultivator steels, \$3.90.

Remember. All Tool prices mean F. O. B., New York or Chicago.

PLANET JUNIOR
DOUBLE WHEEL HOE
Our net price, \$5.50
List price, ... \$8.00



PLANET JUNIOR

SINGLE WHEEL HOE

Our net price, \$5.00

List price, ... \$6.00



WILSON'S BONE MILLS.

We are Chicago Agents for these Celebrated Mills and sell hundreds every year with very general satisfaction.

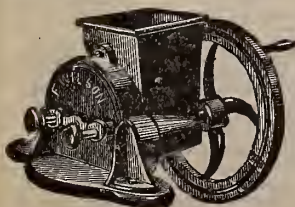
No. 1, without iron legs, weight 35 lbs. (3 for \$12.00), \$4.50.

No. 1, with iron legs, weight 65 lbs., \$7.00.

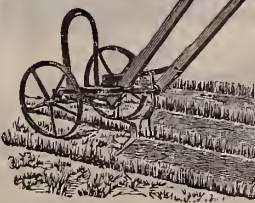
No. 0, Family Grist Mill (3 for \$13.00), \$5.00.

Green Bone Mill No. 1, hand size, for grinding hoes right from the butcher, \$15.00.

Write for Illustrated Descriptive Circular of all the different sizes of Bone Mills.



Wilson Bone Mill No. 1.



"GARDENER'S FAVORITE" CULTIVATOR.

ALL STEEL FRAME. We have had manufactured for our trade each season, by the original makers of the Iron Age Cultivators, an extra grade of all steel frame machines, which we have named the "GARDENER'S FAVORITE." The frame, legs, teeth, bolts, wheels and handles are made of the very best material and very handsomely finished. It is a fact that the reputation of these Iron Age goods has been so high that many inferior imitations have been made, therefore we have copyrighted our trade mark, "Gardener's Favorite." A most valuable feature is the **LEVER ADJUSTMENT**, by which the cut of the tool can be readily widened or narrowed even while in motion. The **LEVER**, about 2½ feet long, stands erect between the handles, where it is most easily operated. **ALL STYLES** of our "GARDENER'S FAVORITE" are furnished with this lever.

N. B.—Order by number and state whether you want Diamond Teeth, Figure 2, or Round Teeth, Figure 1.

"GARDENER'S FAVORITE."

STYLE NO. 1.—Plain; five teeth, with either Fig. 1 or Fig. 2 teeth, \$4.25.

STYLE NO. 2.—Five teeth, either style and wheel, \$4.75.

STYLE NO. 3.—Five teeth, horse hoe attachments, rear plow and wheel, \$6.00.

STYLE NO. 4.—Five teeth, horse hoe attachments, rear plow, wheel, lever, weeder—all parts for \$7.00.

SEPARATE PARTS.—Each as follows; Pair Horse Hoe Attachments, like Fig. 4, with standards, \$2.00. Wheel, \$1.00. Weeder, Fig. 5, \$1.25. Leveler, not shown in cut, \$1.00. Rear Plow, Fig. 3, 30c. Cultivator Teeth, without standards, pattern No. 1 or No. 2, 25c, set of 5, \$1.00. Send for descriptive book.

"IRON AGE" Cultivator, regular style and make, plain, 5 teeth (without lever adjustment.) Each \$3.75.

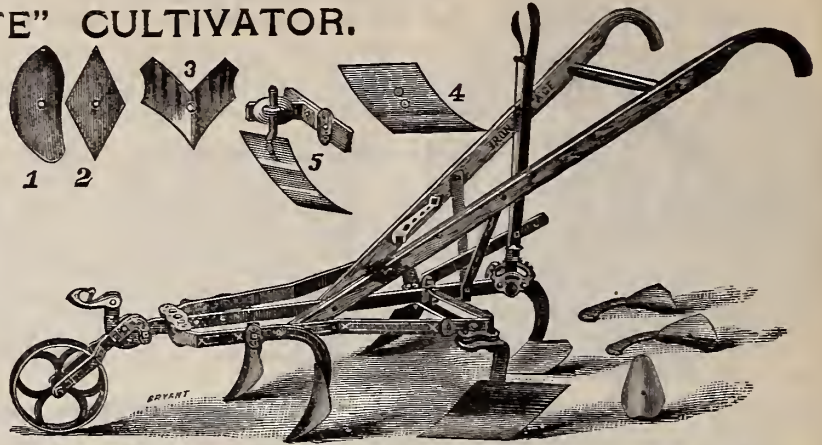


Fig. 1, Rounded Teeth; Fig. 2, Diamond Teeth; Fig. 3, Rear Plow; Fig. 4, Side Hoe; Fig. 5, Weeder; Horse Hoe ready for operation.

IRON FRAME

CULTIVATOR HARROW.

This Harrow Cultivator has all the advantages of our former Expanding Harrow, while its reversible diamond pointed teeth, about two inches wide, play havoc with weeds and mellow the soil. It has a light, open frame, more durable, and not so likely to clog as a wooden one, while each tooth, being secured to the frame by a steel clip, can, by the simple loosening and tightening of a nut, be adjusted in depth, reversed, taken out, sharpened and replaced without the old time fashion of driving out, wedging up, getting loose and—swearing. For very close rows every other tooth can be very quickly removed. The new lever adjustment added to it this year will prove a valuable feature. Look out for cheaply put up imitations. Price, \$4.00.

SPECIAL OFFER.—One each style, No. 2 Gardener's Favorite Cultivator and Iron Frame Cultivator Harrow for \$8 50.



IRON FRAME CULTIVATOR HARROW.

ACME PULVERIZING HARROW NO. 15.

This new style has one wrought iron tubular bar, which is provided with twelve curved cast steel Coulters, supplemented by flat cast steel Crushing Spurs. The forward half of each Coulters is curved to the left, while the rearward half is curved to the right, thus forming a Double Gang. By this arrangement of the Coulters the whole surface of the ground is cut, lifted and turned. Two runners are attached to the bar which serve the purpose of a sulky in transporting the Harrow and in a measure regulate the depth of work. While very strong, it is extremely light, and is therefore susceptible of doing light surface work, such as finishing off for seeding, finishing onion beds, truck gardens, etc., which heavy Harrows cannot do because of their great weight.

(Send for special descriptive book.)

Price, No. 15, (weight about 110 lbs.), for two horses (with runners which take the place of sulky), \$12.00 f. o. b. cars Chicago.

No. 14.—For two horses, works 7½ feet wide, weighs only 130 pounds. Has riding platform and runners but no seat, and the crushing bar is made of angle iron. Price, No. 14, \$15.75, f. o. b. Chicago.

No. 10.—For two horses. Works about six feet wide, weight about 150 lbs. Price, \$21.00, f. o. b. Chicago.

ACME HARROW NO. 15.



THE "PLANET JR." ALL STEEL NO. 6 HORSE HOE AND CULTIVATOR.

PONY IRON AGE CULTIVATOR

with 2½ inch steels, the best horse cultivator for cabbages, \$4.00.



PLANET JR. ALL STEEL NO. 6 HORSE HOE AND CULTIVATOR COMBINED, WITH WHEEL.

WITH WHEEL.—This excellent tool is made entirely of iron and steel, except the handles; has a patent lever expanding frame which can be closed to five inches or opened to twenty-four; has a side adjustment for the handles, by which they may be set from one side to another by loosening a single bolt; has a lever wheel by which it may be changed to any depth in an instant; and is provided with such a variety of adjustable teeth as enables it to do all kinds of one-horse cultivation. The front two teeth are three inches wide and of a form as is best adapted to enter the soil, cut off the roots of growing weeds and turn them upside down, thus preparing for the easy working of the rear blades. The cultivator teeth can be set to work deep or shallow, as desired. The side steels are five inches wide and can be turned at any angle desired, or completely reversed. This feature is found on the "Planet Jr." Horse Hoe alone. The rear steel is seven inches wide and designed to fill in the furrows made by the side steels, leaving a finely shaped bed around the plants. The tool is also furnished with three extra cultivator steels which can be placed on the three rear standards when desired, thus making it a plain cultivator. These Hollow Steel Standards are made from heavy sheet steel, and are far superior to anything ever before offered to the public and are a distinguishing feature of the improved "Planet Jr." Horse Hoe.

Price, including Wheel, delivered at Depot or Express Office, \$6.75; without Wheel, \$6.35.

EXTRAS.—Set of 5 cultivator steels 1½ inches, 65c; 1¾ inch, 70c; 2¼ inch, 80c; 3 inch, 85c; 4 inch, \$1.00. Sweeps, 8 inch, each, 35c; 10 inch, 40c; 12 inch, 45c; 15 inch, 50c. Pulverizer, \$1.75; Roller, \$1.50. Send for complete list of extras and all Planet Jr. goods.

PLANET JUNIOR TWELVE TOOTH HARROW CULTIVATOR AND PULVERIZER COMBINED.

A very satisfactory new tool, valuable for fine cultivation, deep or shallow. It has also the new lever wheel and lever adjustment. Price with Pulverizer and Wheel, \$6.75 with Wheel (but without Pulverizer), \$6.00; without Wheel or Pulverizer, \$5.00.

PLANET JR. BEET GROWERS' HORSE HOE complete, \$7.75; without Pulverizer, \$6.30.

PLANET JR. MARKET GARDENERS' HORSE HOE, complete, \$7.90; without pulverizer, \$6.45.

PLANET JR. DOUBLE CELERY HILLER \$8.75

PLANET JR. SINGLE CELERY HILLER \$7.60

MINER'S GOLD MEDAL SUBSOIL PLOW is the best in the market. The advantages of such a plow are too well known to refer to. One horse, each, \$6.25; two horse, \$9.50; Wheel, extra, \$1.00.

Price, No. 15, (weight about 110 lbs.), for two horses (with runners which take the place of sulky), \$12.00 f. o. b. cars Chicago.



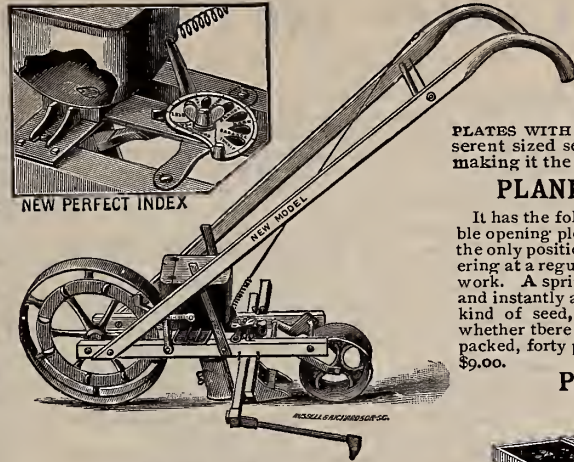
© © © © "PLANET JR." TWELVE TOOTH HARROW.

DAISY CABBAGE PLOW.—A combination cabbage and furrowing plow, having three mouldboards, the two smaller ones to be used in cultivating all root crops and the large mouldboard can be used in plowing the ground or furrowing. Price, complete with an extra share and three mouldboards, \$7.00.

NEW SHOVEL PLOW. (Combined with One-Horse Plow.) This Plow is made with a standard, to which the plowshare may be bolted when the winged shovel plow is removed, making the tool a one-horse plow for opening furrows, or any garden work required, and a first-class shovel plow, which is almost indispensable to every gardener for potatoes, celery, etc. Price, \$7.50.

NEW MODEL SEED DRILL.

One of the best and cheapest drills in the market. Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which of course do not always give an opening of the exact size required. The operator is usually told, in substance, that, if one hole don't suit, try another." This adjustment in the Model, is accomplished in a very simple and effective manner by use of a slide with a pear shaped opening passing under the bottom of the seed reservoir, which is provided with a perforation of similar shape, in a reversed position. This slide can be instantly adjusted to size indicated by Index, or to a hair's breadth variation between, a vital point in a perfect seed drill. This Index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the Index itself, it is not necessary to refer to any table of reference. The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord or ring on handles. The main wheel is of larger size and of unusual width, preventing its sinking into soft earth. The opening plow is steel and adjustable in depth. Each drill crated and carefully packed for shipment. Packed, weight about 40 lbs. Price, \$6.00.



NEW MODEL DRILL.

EAGLE ROTARY HAND CORN PLANTER.

It will drop as accurately as the best make of horse planter, and works in any ground where a hoe can be used. EACH PLANTER HAS THREE SETS OF PLATES WITH SEVEN SEED CHAMBERS, each for different sized seed, and all its parts are easily changed, making it the most desirable planter. Each, \$1.25.

PLANET JUNIOR NO. 2 DRILL.

It has the following important advantages; an adjustable opening plow directly between the carrying wheels, the only position and plan which insure opening and covering at a regular depth. It is shown in the engraving at work. A spring back reservoir which can be accurately and instantly adjusted a hair's breadth at a time to every kind of seed, which it always sows with regularity, whether there is much or little in the hopper. Weight, packed, forty pounds. Our net price \$6.00; list price \$9.00.

PLANT BED CLOTH.



An excellent substitute for glass, and being light, can be easily and safely shipped to sections of the country where it would be impossible to send sash. 20 yds. and upw. 50 yds. and upw. Per yard, 5c. Per yard, 4 1/2c. Light, " " 8c. Medium, " " 7 1/2c. Heavy, " " 12c. " " 10 1/2c.

We do not sell less than 20 yards of a kind, as it comes in 40 and 65 yard lengths.

KEELER SEEDER AND CULTIVATOR COMBINED.

The following are some of the claims made by the manufacturers of this new tool: "It will distribute any kind of seed evenly in a continuous row or in hills, any distance apart; it is a most practical combined seeder, cultivator, hiller, plow, hoe and weed cutter; it is easily adjusted to plant at any desired depth for any kind of seed." Descriptive catalogue on application. Price, Keeler Seeder, complete (Fig. 6) \$9.00; Keeler Seeder, Combined Machine, complete (Fig. 1) \$12.00.

CLARK'S STOCK GROWER'S ROOT CUTTER.

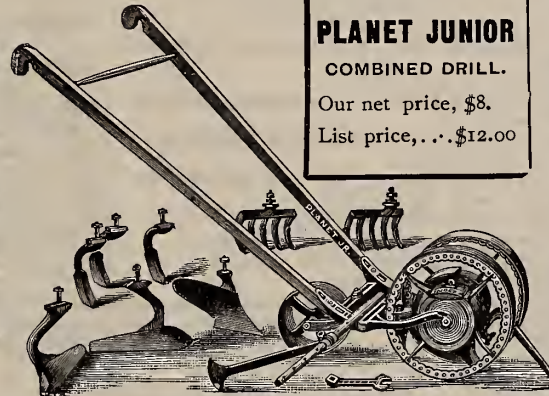
For cutting Mangels, Carrots and Vegetables, we offer the CLARK'S ROOT CUTTER. The cutting arrangement consists of TWENTY-FIVE STEEL KNIVES (gouge shaped), arranged on a wrought iron shaft so that they cut perfectly; no chance of becoming loose or breaking. The roots are neatly cut in pieces suitable for feeding. No coarse or ungainly pieces are left by this cutter. A boy can easily cut 30 to 40 bush. per hour. Price, \$10.

A. H. MATTHEWS' GEM DRILL:

This is, in most respects, but a smaller pattern of the A. H. Matthews' Garden Drill, and will sow all seeds with the same accuracy; but is not large enough for beans, peas, and corn. For the home garden, and all other uses where the finer seeds are sown the Gem Drill will make the furrow, drop and cover the seed, and mark the next row as perfectly as any drill made and in only about half the price. It is thoroughly made in every way. The Drill crated, including handles, weighs 20 pounds. Price \$4.65.

A. H. MATTHEWS' GARDEN DRILL.

This Drill has been improved by a new steel Dial Gauge, making holes for dropping the seed more exact and carefully regulated than ever. This tool already a standard, will be found as nearly faultless as a drill can be made. The cardinal principles in its construction are used in nearly every drill now in the market. Especial features of this drill are: Horizontal Indicator, with the name of each in plain sight, and a perforated seed dial, with pointers showing holes to be used for each kind of seed. Wrought Iron Markers, of one piece, easily adjusted and arranged with sliding weight for marking, and can be operated entirely by the foot. New Shut-Off Attachment.—This connects a small slide beneath the hopper by a chain and ring along the handle to the hand of the operator; by this the dropping of seed can be instantly stopped. By dropping the ring the seed spout is again opened. Adjustable Handles to suit a boy or man. The dial can also be turned to shut off seed entirely. Price \$7.00.

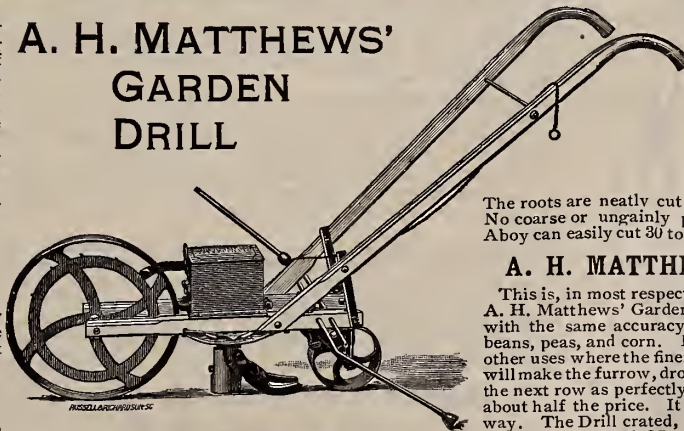


PLANET JUNIOR COMBINED DRILL.
Our net price, \$8.
List price, . . . \$12.00

PLANET JR. COMBINED DRILL, HOE, CULTIVATOR, RAKE and PLOW

It is, without doubt, the very best seed machine made for the two purposes, and does both well. The cultivating attachments furnished with each drill are a plow, a pair of protecting curved point hoes, a set of three cultivator teeth and a pair of rakes. All the blades are steel, hardened in oil, tempered and polished. A wrench accompanies each machine, and full directions for use. By removing the roller and using the hilling hoes, seed can be dropped and covered deeply. It can be seen that it is an excellent sower; it is a first-class double wheel hoe while plants are small; it is a first-class single wheel hoe; it is an excellent wheel scuffle hoe; it opens furrows for corn, beans and potatoes, and covers them; it is an admirable wheel cultivator. Weight, packed, forty pounds. Price, \$3.00.

A. H. MATTHEWS' GARDEN DRILL



A. H. MATTHEWS' GARDEN DRILL.

MATTHEWS' SEED DRILL. AMES' PATENT.

Round Seed Box; a well-known drill; in use for many years; much similar to our A. H. Matthews' Drill. Please give full name as above when ordering, to distinguish it from the latter. Weight, about 40 lbs. Price, \$7.00.

MATTHEWS' COMBINED DRILL. AMES' PATENT.

Those who prefer a Drill and Cultivator combined will find this a good one. Price, \$9.00.

CAHOON BROADCAST SEED SOWER.

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed EVENLY four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5 1/2 pounds. Price, \$3.75, three at one time for \$10.00; six in one order for \$19.00.

PLANET JUNIOR.

COMBINED HILL DROP and FERTILIZER DRILL.



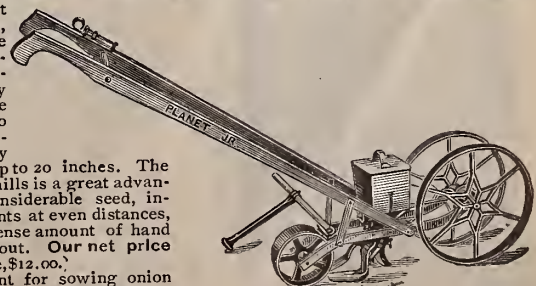
thus avoiding all loss at the end of the row. This also has a force feed; a double acting open metal worm discharging regularly; it is protected by metal feeding shelves, which move slightly and alternately with each revolution of the screw, supplying material to it and preventing clogging in the hopper. Price, \$12.00.

For several years there has been a pressing demand for a machine which would sow both seed and fertilizers. It works with regularity whether there is much or little in the drill, and small lumps do not interfere with the sowing of fertilizers. It holds about one peck of fertilizer. The plows can be set to place the fertilizer either above or below the seed. The amount sown is regulated accurately by an index similar to that of the hill dropper, and discharge of both drills may be cut off or started instantly, either separately or together.

PLANET JR. HILL DROPPING GARDEN DRILL.

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 seed with the greatest regularity. The plow runs any depth from 1/2 to 2 inches. It sows in drills as well as the No. 2 drill, and will also drop in neat hills either 4, 6, or 12 inches apart. It can be changed from a hill to a drill dropping machine or the reverse, and will not sow when run backwards. It has a force-feed, so that the sowing is regular no matter whether the drill is full or nearly empty. The discharge of the seed can be stopped instantly at the end of the row, so that none can be wasted. The Opening Plow and Coverer are especially adapted for the work they have to do, while the marker can be set any distance desired up to 20 inches. The ability to drop in hills is a great advantage, it saves considerable seed, insures vigorous plants at even distances, and saves an immense amount of hand labor in thinning out. Our net price \$8.25. (list price, \$12.00.)

Extra attachment for sowing onion seed for sets in a band 4 inches wide, 50 cents.



PLANET JUNIOR HILL DROPPING DRILL.

GARDEN AND FARM TOOLS AND SUPPLIES.

Prices given below do not include prepaying of charges except when noted.

Humphrey's Concave Potato Knife. Will cut to one or more eyes and not injure the vital tissues. Price, post-paid, each, 30c.; 6 for \$1.50; dozen, \$2.85.



Roffea for Tying.

Barrel Truck and Hand Cart Combined. Price. WATER TRUCK, with barrel, \$9.50; box extra, \$3.00; complete, \$12.50; extra barrel with trunnions, \$2.30.
Bellows.—Used for dusting plants with sulphur or like material. Two sizes, each, \$1 and \$1.25.

French Liquid.—For liquid insecticides, such as Cole's and Fir Tree Oil, \$2.00.
Woodason for liquid, each, \$2.00.

Bouquet Tubes. For Buttonhole Bouquets. With gilt pin, each, prepaid, 15c.; doz., \$1.00.
 Without pins, each, 10c.; per doz., 75c.

Brackets, Iron Flower Pot.—Handsome finished. For one pot, 25c.; for 2 pots, 40c.; for 3 pots, 60c.

Cocoon Fibre.—Per ½ bbl., \$2.25; per bbl., \$4.00.

Dandelion Puller, Whitnall's.—An excellent tool for removing Dandelion Plants, Dock or Plantain from lawns. Price, 25c.; postpaid, 40c.

English.—Imported; lighter make than the Whitnall, a good and useful tool. Not prepaid, 40c.

Dibber.—For transplanting vegetable plants, steel points, very desirable. Each, 50c.; postpaid, 60c.

Fumigators.—For destroying insects by tobacco smoke. Eureka No. 1, \$1.25; No. 2, \$2.00; No. 3, \$2.50.

Garden Lines.—200 ft., \$1.25; 100 ft., 65c.

Garden Line Reel.—Each, 40c.; larger size, imported, each, 75c.

Garden Roller.—Send for circular.

Garden Tools.—Ladies' floral set, four pieces, short handles. Per set, 60c.

Ladies' and children's, long handles, per set, 60c.
 Boys' set, large, 75c.

Grafting Wax.—Per ¼ lb. bar, 15c.; ½ lb. bar, 25c.; 1 lb. bar, 40c.; if by mail, add 16c. per lb.

Grass Edger, Planet Jr.—Each, \$3.25.

Grass Hooks.—English, 3 sizes, 35c., 50c. and 60c.
 English, small, for cemetery use. Each, 40c.

Hand Cart.—Price on application.

Hoes, Scuffle.—Price, without handles, each, 6-inch, 30c.; 7-inch, 40c.; 8-inch, 45c.; 9-inch, 50c.; 10-inch, 55c. These are used by onion growers.

Dutch Garden Hoes.—Each, 40c.
Warren.—No. 1, 50c.; No. 2, 60c.

Horse Radish Grater.—No. 1, capacity of 25 lbs. of roots per hour; weight, 38 lbs., \$7.00.

Hose, Red Rubber.—Three ply, extra heavy. We keep it in lengths of 25 and 50 feet, and these we do not cnt. Price, ¾-inch (including couplings), per 25 feet, \$3.75; 50 feet, \$7.00; 100 feet, \$13.00.

Hose, Sphincter Grip.—Armored hose, very reliable. 50 feet, \$7.50; 100 feet, \$15.00.

Hose Reel, "The Success."—Price, with capacity for 100 feet ¾-inch hose, \$1.75; Reel for 200 feet of hose, \$2.30.

Hose Menders, Hall's.—¾-inch, each, 10c.; per doz., 75c.; by mail, add 3c. each for postage.

Wooden.—Price, for ¾-inch hose, per doz., 50c.; by mail, 55c.

Hose Nozzle, "Standard."—With stream and 2-inch spray, each, 80c.; if by mail, 95c.; same with 2½-inch spray, \$1.00; if by mail, \$1.15.

"Gem."—Throwing all variations from fine spray to stream, for ¾ inch hose, each, 60c.; by mail, each, 70c.

Hydronette, New French.—For insecticide, each, No. 13, \$6.50; larger, No. 12, \$7.25.

INSECT DESTROYERS.

LIQUID INSECTICIDES CANNOT BE SENT BY MAIL.

Fir Tree Oil.—Soluble insecticide effectually destroying all kinds of pests to which plants are subject. Equally effective on animals and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Per qt., \$1.25; pint, 75c.; ½ pint, 40c.; small bottle, 25c.

Whale Oil Soap.—One of the most effective and cheapest remedies to destroy slugs, worms and other insects on trees, shrubs, garden and house plants. Per lb., 15c.; 2 lbs., 25c.; 4 lbs., 45c.; 8 lbs., 80c.; if to go by mail, add 16c. per lb. for postage.

Rose Tobacco Soap.—For washing and syringing plants, trees, etc.; a valuable preparation. Per ½ lb. box, 25c.; by mail, 35c.

Tobacco Stems.—For fumigating plants infested with green flies, etc. Per lb., 15c.; bbl., \$1.00.

Tobacco Dust.—Very effective; much used on cabbages now. 5 lbs, for 25c.; 100 lbs., \$3.50.

Persian Insect Powder.—Very destructive to all insect life. Per ¼ lb., 20c.; ½ lb., 30c.; 1 lb., 50c.; if by mail, add 16c. per lb.

Flour of Sulphur.—A preventive of mildew on roses, grape vines, etc. Per lb., 10c.; 10 lbs., 65c.

Paris Green.—Strictly pure. Per ¼ lb., 10c.; ½ lb., 15c.; 1 lb., 25c.; if by mail, add 16c. per lb. Special rates on larger quantities.

White Hellebore.—Very effective for destroying rose slugs and currant worms. Per lb., 30c.; if by mail, 45c.

Cole's Insect Destroyer.—Instantly fatal to Mealy Bug and Red Spider, without injury to any plant. Apply with the Atomizer. Per bottle, 40c.; quart, \$1.50. Atomizer, 35c.

Gishurst's Compound.—For destroying green fly, mealy bug, thrip, mildew, etc. Package, 50c.; if by mail, 65c.

Hammond's Celebrated Slug Shot.—Guaranteed to destroy Potato bugs and those on Tomato and Egg Plants, Currant Worms, Cabbage Lice and Worms, Fleas, Beetles and Striped Bugs on Melons, Turnips, Beets, Onions, etc., Canker Worms and Caterpillars on Fruit and Ornamental Trees. Price, 5 and 10 lb. packages, 6c. per lb.; 25 to 50 lbs. at 5c. per lb. By barrelful, in bulk, 225 to 265 lbs. weight, 4c. per lb. free on board cars. Tin canisters with perforated tops, holding ¾ pints, 25c.; if by mail, 40c. Write for circulars and lower rates on large lots.

Slug Shot Dusters.—Made of tin, with handle and perforated bottom, holds ½ gallon, 35c.

Grape Dust.—Excellent for the prevention and destruction of mildew on plants, 5 lb. package, 35c.

KNIVES.

Over 15 kinds of finest English and German Horticultural Knives in stock. Finest steel and finish.

Knives, Asparagus.—Imported. Each, 90c.; by mail, \$1.00.
Asparagus.—American. Each, 30c.; if by mail, 40c.

This knife is also used for cutting Dandelion plants, etc., out of the lawn.

Budding.—English, Ivory handle, \$1; by mail, \$1.10.
 Black handle, ivory tip, strong, 85c.; by mail, 95c.

Pruning.—Fixed handle, each, 50c.
 Stag handle, English, each, \$1.00; if by mail, \$1.10

We can furnish an American Pruning Knife for 60c.
Seed Potato, Humphrey's.—Each, by mail, 30c.; 3 for 80c., 6 for \$1.50.

Labels.—Wooden, for pots, painted, 4 inch, per 100, 15c.; per 1,000, 75c.; 6 inch, per 100, 25c. Prices on larger sizes and quantities on application.

LAWN MOWERS.

PHILADELPHIA; BEST IN THE MARKET.

"STYLE D."

	List Price.	Our Price.
10 inch.....	\$13 00	\$4 65
12 ".....	15 00	5 65

"STYLE A" NEW.

High wheel, open wiper, elegant, durable and easy working. The best of large sized machines.

"STYLE M."

	List Price.	Our Price.
14 inch.....	\$17 00	\$6 40
16 ".....	19 00	7 15
18 ".....	21 00	7 90
20 ".....	23 00	8 80

	List Price.	Our Price.
17 inch.....	\$28 00	\$12 00
19 ".....	31 00	13 50

"Style L." 15 inch, net, \$8.50; 17 inch, \$9.75. Prices on other sizes and horse machines on application.

Grass Collector.—Attachment for mowers, sizes, 14, 15, 16, 17, 18 and 19 inch, each, \$1.50.

Lawn Rake, "Gem."—Wire teeth (similar to Davis'), 55c.
 —Wooden, 20 teeth, each, 35c.

—Imported steel, removes white clover heads, \$2.25

Lawn Roller.—See Garden Roller.

Leaf Mold.—Fine for ferns, etc., bbl., \$2.00.

Microscopes.—Each, postpaid, 50c.

Mole Traps, Hale's.—The best trap made. Each, \$2.00.
 —Lane's Patent.—An improved mole trap, made of wrought iron, 8 inches high. Each, 50c.; if by mail, 60c.

Peat.—For orchids, etc., per bbl., \$2.25.
 —Imported English, 10 lbs. for \$1.00.

Pencils, Wolf's Indelible.—For marking labels. Each, 10c.; doz., \$1.00, postpaid.

Plant Protector, Folding.—Galvanized iron folding frames covered with plant fibre cloth.

No. 1. Size, 14x16 inch, 16 inch high,	30c.; doz., \$3.00
" 2. " 11x13 " 11 " " "	25c.; " 2.50
" 3. " 8½x10 " 8½ " " "	20c.; " 2.00

Plant Stakes.—Green painted, tapering. Very neatly finished, of light wood; very useful for tying plants, shrubs, etc. 25 of one kind at the 100 rate.

Light,	1½ ft., per doz.,	25c.; per 100,	\$1.25.
" 2 "	" " "	30c.;	" 1.75.
" 2½ "	" " "	40c.;	" 2.25.
" 3 "	" " "	50c.;	" 3.00.
" 3½ "	" " "	55c.;	" 3.50.
" 4 "	" " "	65c.;	" 4.25.
" 5 "	" " "	75c.;	" 5.00.
Heavy,	3 " "	70c.;	5.00.
" 4 " "	" " "	80c.;	6.50.
" 5 " "	" " "	\$1.00;	7.50.

—Bamboo or Cane.—Can be cut to any size. 5 to 7 ft. long, per 100, \$1.00.

Roffea.—The best tying material for plants. Per lb., 25c.; if by mail, 40c.



Transplanting Trowel.

Sheep Shears, \$1.00.

Vaughan's Steel Trowel.

French Zinc Syringe.

WATERS IMPROVED TREE PRUNER.

GARDEN AND FARM TOOLS AND SUPPLIES.

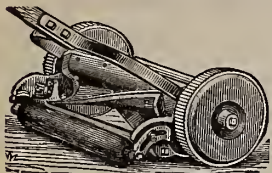
Prices given below do not include prepaying of charges except when noted.



Sulphur Bellows.



Whitnall's Dandelion Puller.



Philadelphia Lawn Mower.



Lane's Patent Mole Trap. The Best cheap Trap made. Each, 50c.



Weeding Fork.



Scollay's Sprinkler, 50c.



Dibber.



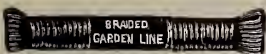
Horse Radish Grater, No. 1.



Garden Line Reel.



Scuffle Hoe.



Cleves' Trowel, each, 25c.



American Turf Edger.

Rustic Work.—Bridges, Summer Houses, Settees, Chairs of all sizes on hand and made to order.

Rustic Hanging Baskets.—Diameter bowl, each, 8 inch, 75c.; 9 inch, 85c.; 10 inch, 95c.; 11 inch, \$1.00; 12 inch, \$1.10; 14 inch, \$1.50. Price on lots of 6 or more on application.

Rustic Stands.—Oblong, 26 inches high, 24 inches long, 8 inch wide, 6 inch deep, each \$3.00.
—28 inch high, 26 inch long, 9 inch wide, 7 inch deep, \$3.50. Write for prices on other sizes.

Saws.—Double Edged Pruning. Holes are provided in the handle for attaching to a pole; 16 inch, 75c.; 18 inch, 85c.; 20 inch, \$1.00.

Scythe Blades.—Best English, 30 and 36 inches, riveted, each, \$1.50.

—Stones, Talacre.—Imported, each, 25c.
Seed Tryer.—Pocket, nickel plated, each, 75c.

SHEARS.

Shears, Hedge.—Best imported goods, 8 inch, \$1.50; 9 inch, \$1.75; 10 inch, \$2.00.

—**Border.**—Long handles, 8 inch, \$2.00; with wheel, \$2.50; 9 inch, \$2.25; with wheel, \$2.75.

—**Grass.**—Two wheel, long handles, \$3.00.

—**Wiss' Pruning.**—This will be found a desirable as well as a durable shear.

No. 1. Price, each, \$2.00; by mail, prepaid, \$2.15.
" 2. " " 1.75; " " 1.90.
" 3. " " 1.50; " " 1.65.

—**Buckeye Pruning.**—Whole length, 2 feet, weight, 2½ lbs., each, \$1.00.

—**Lee's Pruning.**—Improved spring, each, 8 inch, \$1.50; 9-inch, \$1.75; if by mail, add 15c.

—**Rose Pruning.**—Imported, nickel plated; for ladies. Each, by mail, 60c.

—**Sheep.**—For trimming grass on edges and around flower beds, each, 50c. and \$1, according to size.

—**Vine Scissors.**—Nickel plated, 8 inches long, each, 75c.; if by mail, 80c.

Shells, Sea.—White, for bordering flower beds, 100, \$2.00.

Spades.—Ames' Nursery, very strong, tapering or square, each, \$1.50. Please state the style wanted.

—Ames', for Boys, each, 85c.

SPRINKLERS.

Sprinkler, Scollay's Rubber.—Indispensable for Floral work and Window Gardening. Beware of imitations, as this is the best. Each, \$1.00; if by mail, \$1.10. Same style, medium size, 60c.; if by mail, 67c.; small, 50c.; if by mail, 55c.

—**Four Arm Lawn Sprinkler and Fountain.**—One of the most useful and reliable Sprinklers made. Each, with stand, No. 1, \$2.00; No. 2, \$2.75. These are for ¼-inch hose.

—**Globe, Rotary.**—Price, 80c.; if by mail, 90c.

—**Merrill Rotary (Butterfly).**—The cheapest and best sprinkler made; is used in our Parks. Each, 30c.; if by mail, 32c.

—**Hermes' Paris Green.**—Each, \$4.00.

—**Boston Rose Spray Nozzle.**—Made of brass, screws on ¼-inch hose, very handy for sprinkling grass, etc., each, 75c.; by mail, 85c.

SYRINGES.

Syringes, Brass.—For window gardens, 2 spray and 1 stream, 14-inch, \$2.50.

—No. AA Parlor, 7½-inch barrel, \$1.15.

—No. 5, Brass, Greenhouse syringe, 18 inch barrel, \$3.50. This is an excellent tool, strong and highly finished.

—English, brass, 18-inch barrel, with 2 different sprays and 1 stream, \$3.75.

—No. 14, brass, for liquid insecticide, \$2.25.

—**Improved Tin.**—For applying liquid Insect Destroyer or for watering, \$1.00.

—**New French Zinc.**—With brass spray, \$1.25. A very cheap and good tool.

Thistle Cutter.—Sharp, narrow blade, with handle; for removing thistles or weeds from lawns. Each, 40c. Same, with foot-rest, 50c.

COLUMBIA FLOWER TUBS.

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape, held together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply turning nut on handle. We furnish these tubs in a heavy oil paint in dark wine color, or in green, highly finished and varnished. We manufacture them in five sizes, as follows:

12-inch diameter by 11 inches high.....	\$1.00
15-inch " " " "	1.50
18-inch " " " "	2.00
21-inch " " " "	2.50
24-inch " " " "	3.00

We make the same five sizes as above from California Red Wood and Cypress, at 50 per cent. above the foregoing prices f. o. b. Chicago. If wanted from our New York store, prices are 30 per cent. higher

Thermometer, Tin Case.—8-inch, each, 15c.; 6 for 75c.

—**Cabinet.**—Wood case, 45c.; 3 for \$1.25.

—**Imported German.**—All glass, very accurate, for propagating and hot beds, \$1.00.

—**English Porcelain.**—Each, \$1.00.

—**Self-Registering.**—With magnet to set it, 8-inch, each, \$2.75. Registers highest and lowest temperature.

☞ THESE CANNOT BE SENT BY MAIL. ☜

Transplanter, The Avery.—Plants removed by it do not wilt. Price, small single-hand size, each, 40c.; by mail, 50c.; large two-hand size, \$2.00.

TRELLISES.

—**Fan-Shaped.**—18-inch, 15c., 3 for 40c.; 24-inch, 20c., 3 for 50c.; 30-inch, 25c., 3 for 60c.; 3½ ft., 21-inch wide, 40c. 4 ft., 27-inch wide, 50c.; 5 ft., 32-inch wide, 60c.; 6 ft., 38-inch wide, 70c.; 7 ft., 42-inch wide, 80c.

—**Veranda.**—18-inch wide, 5 ft., 55c.; 6 ft., 65c.; 7 ft., 75c.; 8 ft., \$1.00; 9 ft., \$1.10; 10 ft., \$1.25.

Tree Pruner, Water's.—Length of pole, 4 ft., \$1.20; 6 ft., \$1.40; 8 ft., \$1.60; 10 ft., \$1.80; 12 ft., \$2.00. Extra knives, each, 25c.

—**Lee's New Pole Tree Pruner.**—Can be placed on a pole of any size; reliable in every respect; each (without pole), \$1.75.

Trowels, Vaughan's Steel.—Absolutely the best Trowel in the World. It is of one solid piece of steel, and will outwear several of the ordinary sort. They have given general satisfaction all over the U. S. Each, 50c.; 3 for \$1.40; prepaid, each, 60c.

—**Fern.**—With leather sheath, 85c.

—**Cleve's Angular.**—By mail, 25c.

—**Transplanting.**—50c.; if by mail, 60c.

—**Ordinary Garden Trowel.**—6-inch, each, 12c.; prepaid, 20c., half doz., not prepaid, 60c.; 7-inch, each, 15c.; prepaid, 23c.; half doz., not prepaid, 80c.; 8-inch, each, 20c.; prepaid, 28c.; half doz., not prepaid, \$1.00.

—**Imported English Steel.**—Light and very durable, 6-inch, each, 30c.; 7-inch, each, 35c. By mail, add 10c; A very satisfactory tool.

Turf Edger, Planet Jr.—No doubt the best of its kind. As useful in its way as a lawn mower and indispensable for neat walks. The hoe does very satisfactory work in the vegetable garden. Price, each, \$3.25. (Send for special circular.)

—**American.**—With long handle, each, 50c.

—**Imported English.**—Extra fine steel, 8-inch blade, round edge, no handle, each, \$1.10.

—**Square Edge.**—Each, 60c.

Watering Pots, Improved Paris Zinc.—These are made of best material and are very useful and durable. One brass rose attached to every pot.

No. 0, holding 3¼ quarts, each, \$1.10	
" 1, " " 5 " " 1.25	
" 2, " " 7 " " 1.50	
" 3, " " 10 " " 1.75	
" 4, " " 12 " " 2.25	

—**American.**—Long spouted, of galvanized iron with 2 copper-faced roses, 2 gallon, \$2.50; 2½ gallon, \$2.75.

WEEDERS.

Combination.—Each, 30c.; by mail, 40c.

—**Noyes'.**—An old standard article, in use for many years, each, 25c.; 6 for \$1.20; by mail, each, 30c.

—**Hazeltine.**—Of the best, solid steel, good size, and durable; in very general use all over the country. Each, 20c.; if by mail, 25c.; per doz., \$2.10.

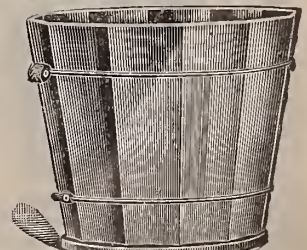
—**Excelsior.**—A very useful little tool for weeding seed beds, stirring the ground, etc. Each, 15c.; if by mail, 20c.; 6 for 70c.; per doz., \$1.35.

—**Lang's Hand.**—One of the best of this class, allowing use of hand while working. Each, 20c.; if by mail, 25c.; per doz., \$2.25.

Hand Weeding Fork.—Imported, each, 50c.; if by mail, 60c. A standard tool.

Weeding Spoon.—Each, 25c.

Wheelbarrow.—Best for garden work, \$4.00.



RURAL BOOKS.

The prices quoted below include postage.

Table listing various rural books such as 'Art of Propagation', 'Asparagus Culture', 'Baru Plans and Outbuildings', etc., with their respective prices.

Table listing various rural books such as 'Grasses of North America', 'Hand Book of Plants', 'Home Floriculture', etc., with their respective prices.

HOW TO GROW CUT-FLOWERS.

and this well-made book of 225 pages covers in a thoroughly practical way Construction, Heating (6 chapters), Roses, Soil, Planting, Watering, Cutting, Grading and Packing, Preservation of Flowers, Insects and Diseases (3 chapters), Bulb Forcing, Etc., Etc.

With the wonderful growth of Floriculture in the past five years comes to us from all quarters many inquiries on the lines covered by this work.



LATHYRUS SYLVESTRIS. THIS new forage plant is truly an agricultural wonder. While it has been in successful cultivation in Europe for some years, it was introduced into the U. S. only a few years ago.

better. The tops are not easily cut down by frost, and the roots go through the winter well. One-year-old plants gave at the rate of 10,460 pounds of green forage per acre.

FLOWER SEEDS.

- A few varieties accidentally omitted from our regular alphabetical list. 1112 PERILLA Nankinensis. Pkt., 5c. 1113 — Laciniatus. Cut-leaved sorts. Pkt., 5c. 1114 — Macrophylla Crispa. Very large dark crimped foliage. Pkt., 5c. 1115 PLATYCODON Grandiflora. Pkt., 10c.; 3 for 25c. 1116 MEXICAN Primrose. Pkt., (about 200 seeds) 10c. Pyrethrum. (Feverfew.) Yellow foliage sorts for bedding. 1117 P. AUREUM, (Golden Feather.) Pkt., 5c.; 1/4 oz., 30c. 1118 — Golden Gem. Double white flowers and yellow foliage. Pkt. 5c. 1119 — Selaginoides. Fern-leaved, distinct. The neat golden foliage resembles two fern fronts, one overlapping the other. Pkt., 10c. Hardy, Flowering Varieties. 1120 — Single large-flowering Hybrids. Pkt., 10c. 1121 — Double large-flowering Hybrids. Pkt., 25c. 1122 — Uliginosum. Pkt., 10c.; 3 for 20c. 1379 STREPTOCARPUS. Pkt., 25c.

THE ANGLE, or TRANSPLANTING TROWEL.



One of the most useful garden tools we know of, having no equal for transplanting, lifting and setting plants. They are also very useful for cutting dandelions, etc., out of the lawn.

POTTING SOIL.

Very many of our customers reside in large cities and in sections of the country where the only soil available for potting plants does not contain the requisite amount of plant food.

FERTILIZERS.

Commercial Fertilizers have come into general use in the West as fast as they are tried. Their quick and direct action commend them to the Gardener and Farmer. A customer who once buys almost invariably continues its use. The enormous quantities sold in the East give the best evidence of its utility and value. Chicago is the largest manufacturing place in the country for these manures, obtaining the bones from the Western plains and from local slaughter houses. *We can make the lowest prices.* The quantity to use per acre depends on the crop to be cultivated and condition of soil. Below we give a few hints as to probable quantities required per acre. We prefer not to put up any quantities not here offered, as it requires much valuable time during our busiest season, but we will put up to order assorted lots of not less than six kinds for experiments at special rates.

General Directions for Use.

For Tobacco.—After the land is prepared for hilling, apply the Fertilizers by any mode preferred, and in such quantity as the natural strength of the soil requires. 150 to 250 lbs. per acre is a small enough quantity applied in the hill.

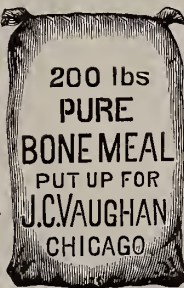
For Corn.—When sown broadcast, use 200 to 400 lbs. to the acre. If applied in the hill, use one handful to two or three hills, mixing it with the soil or scattering it somewhat. Do not let the seed come in direct contact with the Fertilizer.

For Oats and Buckwheat.—200 lbs. per acre, broadcast.

For Grass.—Apply at any time during the Spring or Fall, 300 lbs. per acre, broadcast; although a very good plan is to sow it in the Spring after the frost is out of the ground.

For Wheat or Rye.—Drill in with the grain at the rate of 250 lbs. per acre, or more if preferred.

For Beans, Peas, Squashes and Garden Vegetables.—Apply 400 or 500 lbs. per acre broadcast, and rake or harrow in before planting the seed.



For Strawberries.—To quicken growth, insure early maturity, improve quality of the berry, use 500 to 800 lbs. per acre if applied in the hill, or proportionately more if broadcast.

For Watermelons.—These being rapid growers, require an active plant-food to hasten maturity and ripen perfectly. This essential can best be obtained by applying 800 to 1,000 lbs. per acre, near to, but not in contact with the tender roots. Always safer to mix with the soil.

For Potatoes.—Apply 400 to 1,000 lbs. per acre, of our special Fertilizer, in the rows or hills; or broadcast, a proportionately increased quantity.

For Tomatoes.—The usual plan is to furnish each plant with a small handful, at transplanting time, well mixed with the soil.

For all Fruit Trees.—It is a well established fact that to apply Fertilizer to derive the greatest benefit, the simple and sensible plan is to scatter broadcast near the tree, mixing with the soil, and apply 600 to 1,000 lbs. per acre.

Super-Phosphate and Raw Bone Mixture.

ANALYSIS: Ammonia, 3 to 3½ per cent. Avail. Phos. Acid, 7 to 8 per cent. Bone Phosphate, 30 to 25 per cent. Sulphate Potash, 1 to 2 per cent. This article is made in compliance with many urgent requests for a Fertilizer that will combine the quick action of dissolved goods and the wearing qualities of Raw Bone, and we offer it to our trade with the assurance that it will be found to be exactly what they want, and it is just what its name implies. 100 lbs. bag, \$2.50; 200 lbs., \$4.50; 1,000 lbs., \$20.00.

Garden Vegetable Compound.

ANALYSIS: Ammonia 3 to 4 per cent.; available Phos. Acid, 8 to 9 per cent.; Sulph. Potash, 2 to 3 per cent. Harrow it in, using 300 lbs. per acre. The best Fertilizer for vegetables is one that is soluble and furnishes the food quickly, and only such nourishment as will be absorbed in wine, stalk, leaf and large fruitage. These elements are united in perfect proportions in the **Garden Vegetable Compound.** Directions accompany each package. Price, per bag, 50 lbs., \$1.65; 100 lbs., \$2.75; 200 lbs., \$5.00.

Pure Bone Meal.

ANALYSIS: Ammonia, 3 to 4 per cent. Bone Phosphate, 45 to 55 per cent. Every bag is guaranteed pure bone. It is made from the bone gathered from the plains and farms without being steamed or baked. Price, per bag of 200 lbs., \$4.50; five bags or over, \$4.00. In small lots, 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., 85c.; 50 lbs., \$1.50; 100 lbs., \$2.75.

Garden City Super-Phosphate.

ANALYSIS: Ammonia, 2 to 3 per cent.; Bone Phosphate, 24 per cent.; Available Phos. Acid, 8 to 9 per cent. Sulph. Potash, 1 to 2 per cent. It stands without a rival as the largest crop producer at the smallest outlay. It is a complete manure. You can buy Phosphates that cost \$5 to \$10 per ton more, but you can't buy one that will give larger increase of crops. Every bag is up to the standard and always equal in strength and mechanical condition to that heretofore sold. Price, per bag of 200 lbs., \$3.50; five bags, or over, per bag, \$3.20. Harrow or drill in, using 200 to 300 lbs. per acre. If applied with drill, 200 lbs. will give excellent results, but if applied broadcast, use 300 lbs. per acre.

Guano, Peruvian, Guaranteed.

A standard Fertilizer throughout the entire country and in general use. Our sale of this is very large. Price, 5 lbs., 40c.; 10 lbs., 70c.; 50 lbs., \$2.75; 100 lbs., \$5.00. Write for price on larger lots.

Kainit, German Potash Salt.

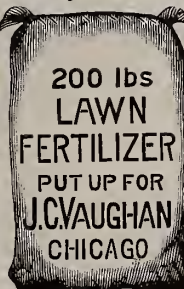
ANALYSIS: Sulphate of Potash, 24.80 per cent.; Sulph. of Magnesia, 14.30 per cent.; Chloride Magnesia, 12.52 per cent.; Common Salt, 32 per cent.; Moisture, 14.36 per cent.; insoluble matter, 1.92 per cent. A comparatively new Fertilizer in this country. Price, per bag of 200 lbs., \$2.85; 1,000 lbs., \$13.25.

Truck Manure.

A high grade Fertilizer made especially for vegetable gardening, probably the best for the purpose now on market. ANALYSIS: Ammonia, 6 to 8 per cent.; Phosphoric Acid, 7 to 9 per cent.; Actual Potash, 6 to 8 per cent. Price, 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.25; 200 lbs., \$6.00; 500 lbs., \$13.00; 1,000 lbs., \$25.00; 2,000 lbs., \$50.00.

Horn Shavings.

Especially adapted to certain greenhouse plants. 5 lbs., 40c.; 10 lbs., 70c.; 25 lbs., \$1.25; 100 lbs., \$3.50.



Vaughan's Potato Manure. A thoroughly reliable stimulant for the Potato crop, made especially for our trade, on a Guaranteed Analysis as follows: Ammonia, 4½ to 5 per cent.; Available Phosphoric Acid, 7 to 9 per cent.; Total Phosphoric Acid, 9 to 11 per cent.; Actual Potash, 6 to 8 per cent. Price, 50 lbs., \$1.50; 100 lbs., \$2.60; 200 lbs., \$4.85; 1,000 lbs., \$22.00; 2,000 lbs., 42.50; 5,000 lbs., \$105.00, on cars at Chicago.

Florists' Plant Food.

ANALYSIS: Ammonia, 3 to 4 per cent.; Available Phos. Acid, 8 to 9 per cent.; Sulph. Potash, 3 to 4 per cent. This article has been made for Florists, who desire to obtain an inexpensive, effective, and odorless preparation that will act quickly on plants, and furnish food for flower and leaf. 5 lbs., 50c.; 10 lbs., \$1.00; 25 lbs., \$1.75; 50 lb., \$2.50; 100 lbs., \$4.00.

Lawn Fertilizer.

ANALYSIS: Ammonia, 3 to 4 per cent.; Avail. Phos. Acid, 8 to 9 per cent.; Sulph. Potash, 3 to 4 per cent. It can be applied either in the spring, summer or fall as a top dressing at the rate of one pound to 16 square feet. Stable dressing for lawns is objectionable in appearance, odor, weed seed and cost. Our CHICAGO LAWN FERTILIZER overcomes all these, and supplies the soil with requisite food for a uniform and luxuriant growth of grass. Price, 100 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

Celery Grower.

A new carefully prepared manure especially for our trade among the Celery growers about Chicago and Michigan. It is chemically suited to this crop, which demands high manuring. ANALYSIS: Ammonia, 3 to 4 per cent.; Available Phosphoric Acid, 7 to 9 per cent.; Sulphate of Potash, 2 to 3 per cent. Price, 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50.

Nitrate of Soda.

Should be sown broadcast, and it is very important to sow it evenly. Two or three pounds on a square rod will be beneficial. Price 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.65; 200 lbs., \$6.75; 500 lbs., \$16.00. Subject to market changes.

Land Plaster or Gypsum.

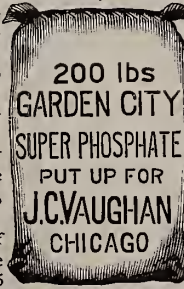
Used by many potato growers. This is excellent to mix with Paris Green at the rate of 100 lbs. of plaster to 1 lb. of Paris Green. Barrel of about 350 lbs., \$2.25; 5 barrels for \$10.00; 10 barrels for \$18.50, on cars at Chicago.

Treatises on Fertilizers.

Methods of making Manures.—Bommer. Price, 25c.

Talks on Manures.—By Joseph Harris, M. S. 366 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, \$1.75.

Fertilizers, a New Edition, where to get formulas for various crops, how to apply, by J. J. H. Gregory, paper. Price, 40c.



Bowker's Plant Food.

This is a most useful Fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. It is odorless and takes the place of liquid manure. Drives all insects out of the soil. Price, small package, containing sufficient plant food for 20 plants for 3 months, 15c.; 3 for 40c.; if by mail add 5c. per package. Large package, containing sufficient plant food for 1 year, 25c.; 3 for 65c.; if by mail add 15c. per package. Each package contains full directions.

Some Poultry Supplies.

Rust's Egg Producer.

Makes the eggs plentiful and keeps fowl vigorous and healthy, it is just what is needed to make poultry keeping the most profitable operation on a farm or place. Full directions on each box. 1 lb. box, 25c.; 2½ lb. box, 50c.; 6 lb. box, \$1.00. If by mail, add 16c. per lb. for postage. Send for description.

Ground Oyster Shells.

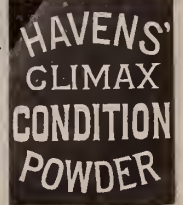
Of great value to all poultry; we ship these in large lots and can quote lowest rates for large lots. 25 lbs., 50c.; 50 lbs., 85c.; 100 lbs., \$1.40; barrel of 275 lbs., \$3.25; 3 barrels for \$9.25.

Coarse Ground Bone.

Especially prepared for chickens; sometimes used for cattle. Price, 25 lbs., 80c.; 50 lbs., \$1.40; 100 lbs., \$2.50; 200 lbs., \$4.50. No other sizes put up.

Havens' Climax Condition Powder.

It cures diseases and keeps stock and fowls healthy, always cures Gapes and Fowl Cholera when used as directed, makes poultry-keeping successful, expels worms from Horses, etc., harmlessly, improves and increases the production of milk, makes Hogs thrive and fatten. Try it! It is the only reliable poultry powder; unlike any other. It contains no antimony or anything harmful, is not a feed, but an honest medicine at an honest price. All who have used Havens' Climax Condition Powder once will have it again. Price, 14 oz. package, 25c.; if by mail, 15c. extra for postage. 5 lb. box (equal to 6 packages), \$1.00. Circular free on application.



If you require goods we do not catalogue send the list separate from your regular order.

Vegetable Seed.

Table listing vegetable seeds with page numbers. Includes entries like Artichoke, Asparagus, Beans, Beets, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Celery, Chicory, Chinese Yam, Chives, Corn, Cress, Cucumber, Dandelion, Egg Plant, Endive, Garlic, Gourds, Ground Cherry, Herbs, Horse Radish Sets, Hop Roots, Kohlrabi, Lettuce, Mangels, Marjoram, Melon, Mushroom Spawn, Mustard, Nasturtium, Okra, Onion, Parsley, Parsnip, Peach Tomato, Peas, Pepper, Potato Eyes, Pumpkin, Radish, Rhubarb, Rhubarb Roots, Salsify, Savory, Scorzolera, Sorrel, Spinach, Squash, Strawberry Seed, Sweet Potato Plants, Swiss Chard, Tobacco, Tomato, Turnip, and Vegetable Plants.

Flower Seed.

Table listing flower seeds with page numbers. Includes entries like Abobara, Abronia, Abutilon, Acanthus, Aconitum, Ageratum, Alonsoa, Alyssum, Amaranthus, Amaranthus, Amyrilis, Ampelobium, Ammopopsis, Anagallis, Anemone, Antirrhinum, Antigonon, Aquilegia, Aristolochia, Asperula, Asphodelus, and Asters.

Table listing various plants and flowers with page numbers. Includes entries like Linum, Lobelia, Lophospermum, Lupinus, Malva, Marigold, Martynia, Marvel of Peru, Matricaria, Maurandia, Mesembryanthemum, Mexican Primrose, Mignonette, Mina Lobata, Mormordica, Moonflower, Morning Glory, Musa, Musk Plant, Myosotis, Nasturtium, Nemophila, Nicotiana, Nycteria, Oenothera, Ornamental Grasses, Oxalis, Palm, Pansy, Pentstemon, Perilla, Petunia, Phlox, Platycodon, Polyanthus, Poppy, Portulacca, Potentilla, Primrose, Pyrethrum, Rhodanthe, Ricinus, Rose, Salpiglossis, Salvia, Sanvitalia, Saponaria, Scabiosa, Schizanthus, Sedum, Sensitive Plant, Smilax, Solanum, Spraguea, Stevia, Stocks, Dracena, Dutchman's Pipe, Edelweiss, Erythrina, Escholtzia, Eupatorium, Euphorbia, Eutocia, Feverfew, Forget me-not, Four O'clock, Freesia, Fuchsia, Gaillardia, Gentiana, Geranium, Geum, Gilia, Glaucium, Gloxinia, Godetia, Golden Rod, Gomphrena, Maranth, Helianthus, Helichrysum, Heliotrope, Hesperis, Heucher, Hollyhock, Honesty, Hop, Ice Plant, Impatiens, Ipomaea, Jacobaea, Lantana, Larkspur, Lathyrus, Lemon Verbena, Lavatera, Linaria, Lilies, Lily Collections, Madera Vine, Milla Biiflora, Montbretia, Moonflower, Nerines, Oxalis, Paucratiums, Tigridias, Tuberoses, Zephyranthes.

Plants, Shrubs, Trees.

Table listing various plants, shrubs, and trees with page numbers. Includes entries like Abutilon, Acacia, Acalypha, Achillea, Adam's Needle, Agave, Ageratum, Akabia, Allamanda, Aloysia, Althea, Alyssum, Ampelopsis, Anemone, Anthemis, Apple, Aquilegia, Aquatic Plants, Arancaria, Arisema, Aristolochia, Artillery Plant, Arundo Dona, Asparagus, Aspidistra, Asters, Azaleas, Banana, Bedding Plants, Begonias, Berberry, Bellis, Blackberry, Blackcherry Lily, Bleeding Heart, Boston Ivy, Box, Butterfly Orchid, Cacti, Caladium Plants, Calla Plants, Calycanthus, Campanula, Camphor Plant, Cannabis, Canterbury Bells, Cape Jasmine, Caruans, Castor Oil Plant, Centaurea, Century Plant, Cestrum, Chestnut, Cherry, Chrysanthemum, Cigar Plant, Cissus, Clematis, Clitoria, Clivia, Cobaea, Cocos, Collections, Coreopsis, Crotons, Cuphea, Currants, Cyperus, Cyripedium, Dahlias, Day Lily, Dewberry, Delphinium, Deutzia, Dianthus, Dilytra, Dollar Plant, Dracena, Dusty Miller, Dutchman's Pipe, Eleocharia, Elegans Longpipes, Epilidrum, Eupalia, Euonymus, Farfugium, Ferns, Feverfew, Ficus, Figs, Fleur de Lis, Fuchsias, Funkia, Gardenia, Geranium, German Ivy, Gooseberries, Grapes, Grevillea, Gynura, Hanging Basket, Hardy Orange, Hardy Shrubs, Hedera, Helianthus, Heliotropes, Hemerocallis, Hibiscus, Hollyhocks, Honeysuckles, Hop, House Leek, Hoya, Humulus, Hydrangea, Impatiens, India Rubber Tree, Ipomaea, Iris, Ivy, Justicia, Jasmine, Lady Washington, Lady Slipper, Lantana, Larkspur, Lemon Lily, Lemon Verbena, Lilacs, Lobelia, Loncera, Magnolia, Mahernia, Manettia, Marguerite, Maurandia, Mexican Primrose, Moon Flowers, Mosses, Mulberries, Musa, Nasturtium, Nerpes, Nymphaea, Oenothera, Opheopogon, Opopoa, Oranges, Orchids, Oxalis, Paony, Palms, Pansy, Paranthus, Paris Daisy, Passiflora, Peach, Pelagoum, Pentstemon, Peperomia, Petunia, Phlox, Phrynum, Pilea, Pinks, Pitsporum, Day Lily, Plumbago, Pomegranate, Poppy, Primrose, Quince, Raspberries, Resurrection Plant, Rudolendrous, Richardia, Robinia, Rose of Sharon, Roses, Sage, Sanseveria, Small Fruit, Smilax, Snowball, Solanum, Spiraea, Strawberries, Sweet Pea Shrub, Sweet Shrub, Sweet William, Thyme, Tillandsia, Tradescantia, Tritonia, Tropaeolum, Trumpet Creeper, Trailing Begonia, Turkey's Beard, Verbenas, Viburnum, Violets, Vinca, Virginia Creeper, Wandering Jew, Water Lilies, Wax Plant, Weigelia, Wine Berry, Window Garden, Impatiens, Wisteria, Yucca.

Table listing various plants and flowers with page numbers. Includes entries like Sanseveria, Small Fruit, Smilax, Snowball, Solanum, Spiraea, Strawberries, Sweet Pea Shrub, Sweet Shrub, Sweet William, Thyme, Tillandsia, Tradescantia, Tritonia, Tropaeolum, Trumpet Creeper, Trailing Begonia, Turkey's Beard, Verbenas, Viburnum, Violets, Vinca, Virginia Creeper, Wandering Jew, Water Lilies, Wax Plant, Weigelia, Wine Berry, Window Garden, Impatiens, Wisteria, Yucca.

Farm and Field Seed.

Table listing various farm and field seeds with page numbers. Includes entries like Alfalfa, Alsike, Barley, Bird Seeds, Broom Corn, Buckwheat, Chufas, Clover, Corn, Grass Seeds, Jerusalem Corn, Kaffir Corn, Lathyrus, Lentils, Mangels, Millet, Milo Maize, Oats, Pop Corn, Peanuts, Rape, Rye, Stachys, Sugar Cane, Sunflower, Teosinte, Tobacco, Tree Seeds, Vetches, Wild Rice.

Miscellaneous.

Table listing various miscellaneous items with page numbers. Includes entries like Acme Harrow, Bone Mills, Books, Cahoon Seed, Calf Feeder, Coarse Bone Meal, Cultivators, Fertilizers, Flower Tubs, Planet Jr. Tools, Plant Bed Cloth, Plant Protector, Plant Stakes, Plows, Lawn Mowers, Planet Jr. Tools, Plant Bed Cloth, Plant Protector, Plant Stakes, Plows, Potting Soil, Root Cutter, Rustic Work, Scythes, Seed Drills, Shears, Slug Shot, Sod Cutter, Spades, Sprinklers, Syringes, Thermometers, Trowels, Watering Pots, Weeders, Wheelbarrows, Wheel Hoe.