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AGRICULTURAL AND POMOLOGICAL

DRUMM SEED AND FLORAL CO.

107, 109 West Seventh Street,

Between Main and Houston.

**FORT WORTH,
TEXAS.**



Triumph Seed Potato.

BEST OF ALL POTATOES FOR THE SOUTH.

Has Sold for 25 Cents Per Pound.

The TRIUMPH, from its introduction, has rapidly advanced to the front rank on account of its extra early bearing, prolific yields and fine keeping qualities, especially in hot and dry climates, and in this respect commends itself particularly to the Texas trade. Upon favorable conditions, the TRIUMPH will mature in ten weeks, and is therefore preferable for early market gardeners. With favorable seasons, they readily produce from two to four hundred bushels per acre. They are

smooth, regular size, similar in shape to the Peerless, and in color to the New York Rose, combining the better qualities of the two. The TRIUMPH was originally sold at 25 cents per pound, but has been so largely and successfully grown that they are now sold at about the price of other high grade potatoes, and are now in the reach of all. Those who have not used the TRIUMPH, we would insist upon giving them a trial at once.

There are parties who, we are creditably informed, are offering a potato and calling them TRIUMPH. We warn the public in advance that good, pure TRIUMPH stock can not be sold for less money than the price we offer them.

SEE PAGE 21 FOR PRICE AND DESCRIPTION.

Read carefully our catalogue and compare our prices with those of other houses, and be convinced that we are striving to get the trade of Texas people and of adjoining states. Our seeds are as good as the best. Few seed equal ours, none excel. This is fully DEMONSTRATED year after year, as our best customers are those who know us best. We invite investigation, and refer any one who may not be acquainted with us or our mode of doing business to any banking house or any business firm in Fort Worth, Tex.

Some Reasons why we set claim to your trade: First, We are located in one of the best railroad centers of the South. Second, We can ship any day in the year, any class of goods, to any point of the compass. Third, We guarantee that all seeds sold by us are FIRST-CLASS, true and pure, and of strong germinating power, in so far that should any prove otherwise we refill the order free of charge. Further than this we cannot warrant, but this is a satisfaction given by but few seedsmen, and must convince even those who have never dealt with us of the extreme care we exercise in growing and sending out our seeds.

WE TEST ALL SEEDS, both as to vitality and purity; hence we know that they are surpassed by none and seldom equaled in high quality. From good seeds only can good crops be grown; let nothing induce you to plant any others. We always give full value in fresh, unadulterated seed, and no reputable seedsmen of good standing can afford to sell TESTED SEEDS of equal quality for less money.

WE ALSO GUARANTEE that all seeds and other goods ordered of us shall reach the purchaser safely and in good condition. We are also responsible for the safe receipt of all money, if sent as directed below. Thus customers, even in the most distant States and Territories, can obtain their supplies as safely, and have their orders as faithfully executed, as if they could call in person at our city warehouse.

SEEDS POSTPAID BY MAIL.

In considering our prices, both of new and standard Vegetable and Flower Seeds, please bear in mind that WE PAY THE POSTAGE on all Flower and Vegetable Seeds, by the packet, ounce, pound, pint, or quart.

On all Vegetable Seeds ordered by express or freight the purchaser is entitled to deduct 8 cents per pound from the prices quoted. In ordering, please state distinctly whether the goods are to be sent by express or freight, otherwise we will use our own judgment as to the best route. When large quantities of Field Seeds, or other heavy seeds, are required, it is better to order early, so that they can be sent by freight, as the charges are much cheaper than by express. Small orders, however, can often be sent as cheaply by express.

MARKET GARDENERS

Who buy seeds in large quantities should write for WHOLE-SALE PRICES. While the prices quoted in this Catalogue are very reasonable, yet frequently we have orders for large quantities of certain Seeds (such as Cabbage, Cucumber, Onion, Melon, Peas, Beans, etc.), and the purchaser naturally expects to buy at a price lower than charged for a single pound or bushel.

We also call your attention to the fact that our discounts are as good as offered by any reputable plantmen in any part of the country, either North or South. Our plants are well grown, large and strong, and we guarantee them to reach you in good condition. We also give you an extra plant of some kind with every order, and if ordered at price per single plant we put in something nice as a premium.

Our house is well known, and an order addressed to DRUMM SEED AND FLORAL CO. will always find us.

20 Choice Chrysanthemums for \$1, postpaid.
20 Choice Roses for - - - \$1, postpaid.
20 Choice Geraniums for - - \$1, postpaid.

All Plants Named and Guaranteed to Reach
You in Good Condition.

For Nursery Stock of any kind send for our Fall Catalogue, if you have not already received one.

ESTABLISHED IN 1883.

INCORPORATED 1890.

DRUMM SEED AND FLORAL Co.

Nursery and Greenhouses, Riverside.
Office and Seed Store, 107 and 109 West 7th St.,
bet. Main and Houston Sts., Fort Worth, Tex.

FORT WORTH, TEXAS.

Spring, 1895.

MANY persons who will receive our Catalogue will, we have no doubt, receive catalogues from many other Seed firms, all claiming their goods to be the best. Here we want to say our seeds are as good as the best. Our aim is to build up a seed business second to none in the South. To accomplish this, care must be used to see that all seeds and plants are true to name and worthy. Many will be disappointed in not finding in this manual some varieties that are largely "boomed" by other Plant and Seedsmen. If they are omitted, there is a reason for it. Is it not cheaper to be disappointed now in not finding what you were looking for, than at not finding the crop you were looking for at harvest time? Our experience enables us to weed out all unworthy varieties.

We want your orders, large or small, believing, as we do, that our seeds are better suited to the Southern planter. Read carefully our offers and compare them with others, and you will be convinced you can do as well or better by buying your plants and seeds at home. First, your plants are acclimated and not so long in transit, hence you receive them in better condition. Second, seeds offered are tested and do well in the South. Third, you are patronizing Home Industry.

IMPORTANT TO INTENDING PURCHASERS.

Location and Shipping Facilities. Fort Worth, over 35,000 inhabitants, is centrally located, has twelve railroads, fifty-four passenger trains in and out each day, four express companies, telegraph offices and telephone wires in all directions, hence we have unequalled facilities for receiving orders and shipping and procuring lowest rates to all parts of the country. Besides, you have the assurance of getting your orders in the quickest possible time—within forty-two hours time we can reach two-thirds of the Population of the United States.

Always use the Order Sheet and envelopes sent with the catalogue, when possible. Write plainly, keep a copy of your order and be sure to sign your name, post-office, county and state, every time you write to us.

This Catalogue. Please show this catalogue to your friends, and if you should receive an extra copy, be kind enough to hand it to some neighbor interested in seeds, he will be glad to get it. We will be glad to send a copy free to any of your friends in this or any other country likely to want seeds. In return we will ask you to speak a good word for us to your friends and neighbors. An order this season, no matter how small, secures our catalogue for next, as soon as issued.

It is important to order as soon after you get the catalogue as convenient, then you will have your seeds at hand for planting when you want them; besides, if you want heavy seeds in large quantities, they can be sent by freight very much cheaper than by express. Small orders, however, can often be sent by express as cheaply. When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment in regard to the matter.

Our Prices. In comparing our mail prices, especially on heavy seeds, such as Peas, Beans and Corn, by the quart or pint, and other seeds by the pound and one-fourth pound, you must bear in mind that we pay the postage.

How to Send Money. Cash should always accompany the order. Remittances may be made at our risk by either of the following five methods: (1st and best)—Post-office order; (2)—Draft on New York; (3)—Express Co.'s Money Order; (4)—Cash by Express in amounts not less than \$5.00; (5)—Registered Letters. When money can not be sent by either of the first four methods, it may be sent enclosed in a Registered letter. The rates charged for Post-office Orders and Express Money Orders are now so low that this is the best way to remit where they can be obtained. We will bear the expense of sending money in either of the above ways.

Postal Notes afford a cheap and convenient mode of remitting small sums, but without security, because they are payable to bearer.

Postage Stamps received same as cash for small orders, if in good condition.

Seeds by Mail. Sending seeds by mail is a very important branch of our business, and we are prepared to fill all orders promptly and correctly the day they are received in nearly all cases.

Small Orders. If you only want a single packet, do not hesitate to send for it. We take as much pains to fill small orders promptly and correctly as we do large ones.

No Goods Sent C. O. D. unless cash to the amount of one-fourth the order accompanies same.

We Urge customers to inform us promptly on arrival of their orders if not in good condition, well packed and filled exactly as ordered; also to report, after growth, the result, more especially if anything proves otherwise than what was expected. We aim to make friends of our customers, and mail orders receive the same attention that customers do over our counters.

Guarantee. Complaints made that seeds are not good, should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. For all of these reasons it is impracticable to guarantee seeds under all circumstances, and, while we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for the same will be refunded. We test our seeds before sending them out, and should they fail to grow when tested by the customer, we will replace the same amount or give value in others. We cannot afford, knowingly, to send out seeds doubtful as to vitality or purity, and you can get no better stocks of any seedsmen, even though he deceitfully professes to warrant seeds, which frequently covers nothing but the amount paid for the seed. A guarantee from an irresponsible seedsmen is of no value whatever.

If You Are a Market Gardener it will be to your interest to so state on the Order Sheet when you send in your order, for if you are growing vegetables to sell you are entitled to our **Market Gardeners' Special Discount**.

Large Orders. Any Dealer, Farmers' Club, Market Gardener, or any individual wishing seeds in large quantities, are requested to mail us a list of what they want, and we will promptly return it to you with very lowest prices marked.

Change of Address. If you have changed, or intend to change your address, please let us know, so that we may change it on our books.

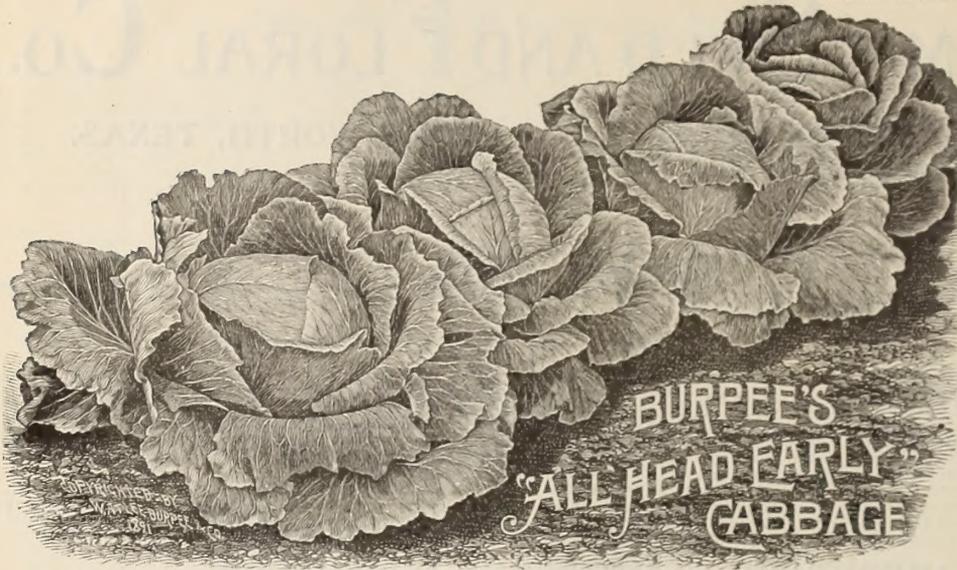
NOTE.

Each Seed and Nurseryman has his particular reasons why he should receive the public's patronage. Our reasons for asking for your trade are these: **First,** We have not attempted to recommend anything that we do not consider worthy of a place in a collection of seeds or plants. **Second,** Our seeds and plants are better suited for Texas than the seeds of Northern Seedmen, reason teaches this. **Third,** We do not attempt to get trade by giving prizes which you help to pay for in every package of seed you buy, nor do we say our seed is better than any other reputable house, but we do say our seed are better suited for the South than the Northern grown seed, while many of our competitors would have you think their Northern grown seed were the only seeds worth planting.

Specialties.

ALL HEAD CABBAGE.

In offering this sort last season we gave the introducer's description, which stated that it was a week earlier than Early Summer. We made a very careful comparative test on our trial grounds of this variety last summer, in comparison with a number of other sorts, and can fully endorse all the claims made for it, excepting we did not find it earlier than our strain of Early Summer. Customers also, so far as heard from, were well pleased with it. It is rightly called a thoroughbred sort on account of its remarkably uniform size and shape, and its reliability for heading. Efforts in selecting stock seed



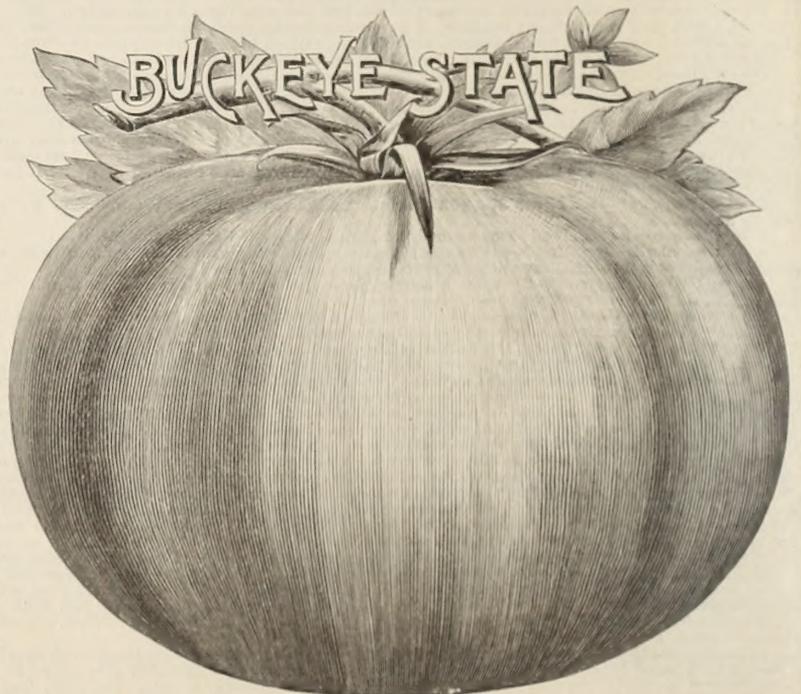
have constantly been made with a view of securing the largest early heads with the fewest loose leaves. The deep flat heads are REMARKABLY SOLID AND UNIFORM IN COLOR as well as shape and size. The main feature of a good Cabbage is TENDERNESS, and in this respect it is not surpassed. While it is all that can be desired for earliness, it is also VALUABLE AS A LATE CABBAGE, if sown in July, and plants set out about the middle of August. Set plants 18 inches apart in rows, with three feet between the rows for cultivation, and 9,680 plants can be set on the acre, NINETY-FIVE PER CENT. of which, in an ordinary season, and with reasonable cultivation, will make good merchantable heads.

Packets, 10c.; Ounce, 25c.; 1-4 Pound, 70c.; Pound, \$2.50.

BUCKEYE STATE TOMATO "No. 10."

What Livingston Says About This Tomato.

The New Buckeye State Tomato, which we now offer for the second time, has been grown here the past three years as No. 10, and is the largest fruited variety we have ever sent out. It averages at least double the size of Livingston's Beauty. We have always held that no matter how large a sort may be, if it is rough and uneven it is of little, if any, value nowadays. Many mammoth sorts have been introduced of late, but on first trial the Market Gardener rejects them as unfitted for his business on account of their roughness, preferring not to grow simply monstrosities, which are of no value to his customers. When, therefore, we state that in addition to its very large size, it is also smooth and uniform, like all the other celebrated varieties introduced by us, we are sure we have said enough to enlist the attention of Tomato Growers everywhere. This is not all, however, for although its large size might lead some to believe the fruits are few in number, yet the fact is, it is even more prolific and abundant than other 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 perfect fruits have been found on a single cluster. In time of ripening it matures with Livingston's Stone. In solidity and quality, none surpass it. The color is much the same as Beauty, but of a richer shade, and this, together with its very large and clear cut outlines, makes it very showy and striking. In shape it is a little thicker from blossom end to stem than most other sorts. The past season we grew this variety by the ordinary method, as well as on stakes, and they were the admiration of all who visited our grounds, and nearly every caller insisted on having "JUST ONE FOR SEED," or to carry home to show friends. With the above characteristics, not one

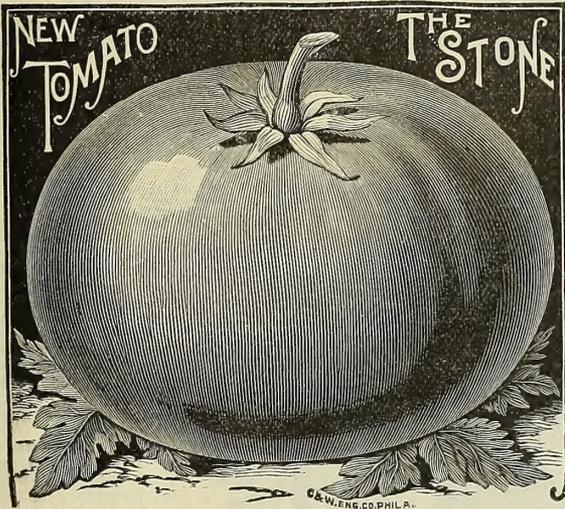


By the ordinary method, as well as on stakes, and they were the admiration of all who visited our grounds, and nearly every caller insisted on having "JUST ONE FOR SEED," or to carry home to show friends. With the above characteristics, not one

which has been over praised, it must be apparent to all that the rank, and should therefor not be omitted from a single order. Do

Buckeye State will immediately take its place in the front not simply experiment with this variety this season, (we have already done that for you), but order sufficient to grow a good portion of your 1895 crop. A grower bought 200 packets of our Stone Tomato the first season it was offered and found it a profitable investment.

Price (Postpaid), Packet, 20c; Three Packets, 50c; Seven Packets, \$1.



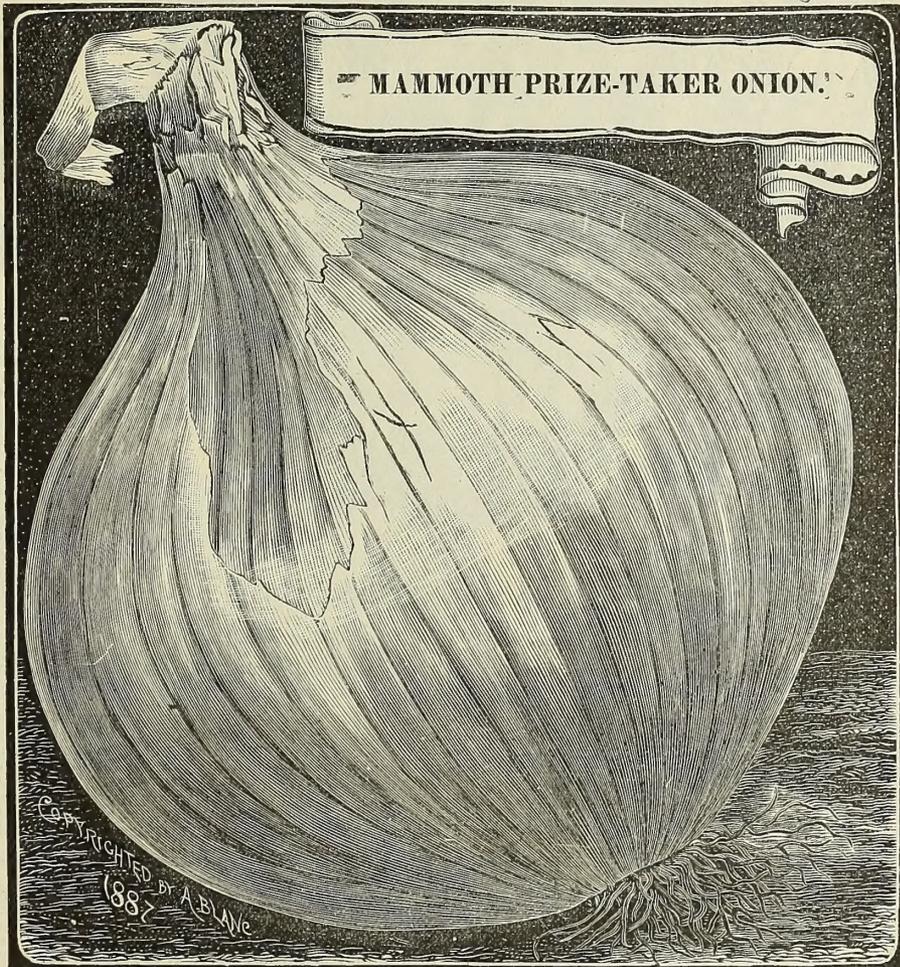
NEW STONE TOMATO.

The nearest perfection of any Tomato yet produced for a main crop for market or canning. The fruit is perfectly smooth, very large, many of them weighing over a pound. It ripens very evenly to the stem without cracking, and is very free from rot, even in wet seasons when other sorts have rotted badly. Exceedingly solid and firm fleshed, it stands shipping well and is an attractive market variety.

Packet, 10c; Ounce, 35c; 1-4 Pound, \$1; Pound, \$3.

EARLY BONANZA SWEET CORN.

A very valuable sort, coming into market almost as soon as Minnesota. The ears, however, are very much larger. It is very prolific, bearing two or three large ears to the stalk. Worthy of a trial. Packet, 10c; Pint, 25c; Quart, 40c; Peck, \$1.



Packet, 10c; Ounce, 25c; 1-4 Pound, 75c; Pound, \$2 75.

The following is from the pen of the introducer, describing this truly wonderful variety: "First offered in 1888, and it proves to be the greatest acquisition in years. The largest, handsomest, finest flavored, best shaped, finest keeping, most

superior, **Yellow Globe Onion** ever introduced. This simply magnificent onion is certainly a wonder. There has never been an onion in these United States that could equal it, and I believe it will supplant all other Yellow Globe Onions now in cultivation, as soon as its sterling qualities are known, for it is certainly perfection. Of a clean bright straw color, it always grows to a uniform shape, which is a perfect globe. It has a very small neck and always ripens up hard and fine, without any stiff-necks. In market it attracts marked attention, and although only offered to a limited extent, has always been picked out and selected at three times the price of any other sort on sale, either red, white or yellow. It will readily produce 700 and more bushels per acre, and its keeping qualities are simply wonderful. Late in the spring the bulbs being apparently as firm and solid as when put away in the fall.

**BURPEE'S
BUSH
LIMA
BEAN.**



COPYRIGHTED
1892
BY W.A.B. & C.

A bush form of the true Large Lima. Comes absolutely true from seed. Needs no stakes, trellises or other support. A crop of this delicious vegetable may be grown now as cheaply and as easily as any Bush Garden Bean.

It begins bearing as early as the Large Lima Pole Bean, and its prolificness is shown by the fact that a single plant grown in Georgia gave 358 pods.

This new bean was first introduced in 1890, and being extensively advertised, was sold at the fabulous price of 75 cents per packet of four beans. It is the true Bush form of the old Large Lima Pole Bean. It grows vigorously to a height of eighteen to twenty inches, forming a circular bush two to two and a half feet in diameter, yielding from fifty to one hundred and fifty fine pods, similar to those grown on the Large White Lima Pole Bean. Having grown a good supply from seed stock, obtained direct from the introducers, we offer it at the following moderate prices:

Large Packet, 10c.; three Packets, 25c.; 1-2 Pint, 25c.; Pint, 45c.; Quart, 75c. Post-paid.

FERGUSON'S LINTLESS COTTON.

King of Discoveries and a Species of King Cotton.

A better time coming for the farmer, now since the discovery of the great and prolific Lintless Cotton. Railroads, Telegraphy and Electricity created some little surprise when first invented. They said "what next," and now they have it.

For four years experiments have been made with this Cotton Seed. It comes true to name every time. It is one of the most abundant bearers ever seen in cotton, and will resist a drought ten to fifteen days longer than any other cotton. Stalks bear from 40 to 60 seeds in each boll. They contain more oil and more plant food than any other cotton seed, and will make from three hundred to four hundred bushels of seed per acre, planted 3x3 feet and cultivated as other cotton. The cotton grows tall, putting out from six to eight long running limbs near the bottom of the stalk. They resemble potato vines. Each of these limbs will mature from eight to twenty bolls, besides the short limbs and brace limbs common in other cotton. For stock it is superior to all others. Chickens, turkeys and ducks devour the seed when in the roasting ear state as eagerly as they do corn. Stock of all kinds eat them. No humbug whatever, but the greatest blessing of the age. This cotton is planted and cultivated as other cotton. In harvesting, the burr is pulled and threshed as peas. The threshing and gathering is very rapid work.

Level-headed farmers are buying them, for they know their value. Price, \$1 per package. Each package contains one quart of seed. Four quarts are used in planting one acre. The farmer that says he won't plant Lintless Cotton, might as well say he will not plant corn and potatoes. This is the whole thing in a "nut shell." Neighbors, you might as well start right now and take time by the forelock, for it is a fixture among all the other plants of the farm.

Cotton seed oil, cotton seed meal, olive oil and cotton seed hulls, all come from cotton seed. Cotton seed are worth this season between 12 to 15 cents bushel in this State. Nearly one hundred oil mills have been erected this, 1893 and 1894. Their machinery cannot remain idle, they must have seed. More money is turned loose in the South for cotton seed than there is for cotton. This now shows you what cotton seed are good for.

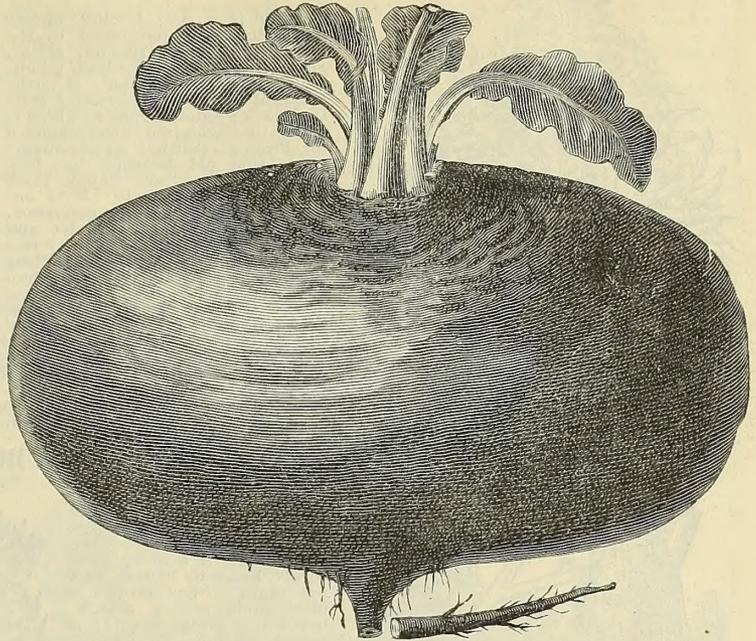
The farmers of the South are on the move, and right in their path they find Lintless Cotton, a wonder and blessing they had not dreamed of. Just think of \$80 from one acre. Is there anything else on the farm that can equal it? Sample Packets, 25c. each.

CROSBY'S IMPROVED EGYPTIAN BEET.

It is a very superior strain of the Early Egyptian, made by one of the most noted market gardeners of Boston. It has given universal satisfaction the past three years, and we recommend it to our customers as THE BEST FIRST EARLY FORCING beet now known for market gardeners' use. The beets are thicker, handsomer and more regular than the common Egyptian, being in shape about half way between the Egyptian and the Eclipse, and are equally as early and good. It does not lack one of the good qualities of its progenitor, but is an improvement in shape, smoothness, and in the very important characteristic of having very small tops and extremely small root, besides it is of good shape when very young, making a good beet for bunching for market. This is also an excellent variety for family use, but should be sown two or three times during the season.

We are pleased, when out of so many new varieties now being introduced, we can confidently recommend this or that as being superior to STANDARD varieties which have been kept true to the ORIGINAL TYPE. This is the feeling with which we confidently urge upon our customers a trial, at least, of Crosby's Improved Egyptian Beet, especially for the early market.

Price, Postpaid: Packet, 5c; Ounce, 15c; 1-4 Pound, 50c; Pound, \$1.50.



NEW CHINESE MUSTARD.

A large plant, attaining the height of from four to five feet when in flower. Leaves very large, often fourteen or sixteen inches long. The blade of the leaf is of a delicate or yellowish-green color, and netted and sometimes almost crimped like that of a Savoy Cabbage. The first leaves, which are produced on the lower part of the stem, are also long and wide, but those higher up become smaller until they are almost linear near the top of the stem when the plant is in flower, being a little broader at the base which clasps the stem. In about six weeks from the time of sowing the leaves may commence to be gathered, and the plants will continue to yield until very frosty weather set in. The leaves are eaten boiled like spinach. They are not much diminished in substance by cooking, and have a very agreeable flavor. In warm countries it forms one of the most highly esteemed green vegetables.

Postpaid: Packet, 10c; Ounce, 25c; 1-4 Pound, 60c; Pound, \$1.75.

NEW AMERICAN COFFEE BERRY.

NOVELTY When this article was first brought to our attention, although our interest was excited by the extraordinary claims made by the introducer, we decided not to offer it this season, as the time was so short before going to press with our catalogue as not to leave an opportunity for a thorough investigation of its merits. Subsequent correspondence with the introducer, the references given by him, and an actual trial on our part, during which we ourselves took the green berry, **Roasted it and made the Coffee**, has established our confidence in it to such a degree that we feel warranted in bringing it to the attention of our customers as an article well worthy of trial.



The introducer's description is as follows: "The Coffee Berry while growing is a sight to behold." It fruits from the ground up and on the limbs in every direction. The pods, of which there are from 150 to 250 on a plant, touch each other. It grows from two to three feet in height, and when planted in rows three feet apart, meet in the middle of the rows, thus forming one mass of pods. The pods contain on an average from two to three seeds, somewhat resembling a Marrowfat Pea, and when dry, can be **Roasted, Ground and prepared like Coffee.**

We append extracts taken from the numerous testimonials furnished by the introducer: "I have used it and consider it equal to imported coffee." "Scarcely distinguishable from imported coffee when prepared the same way." "A gentleman who dined with me said it was as good coffee as he ever tasted." "I can recommend it." "I am delighted with it." "It is one of the most wonderful discoveries of the age, and will gladden the hearts of those who are unable to have the luxury as often as they would like to. We have used it and never tasted anything which comes so near the genuine." (Extracts from the Christian Advocate of St. Louis, Mo.)

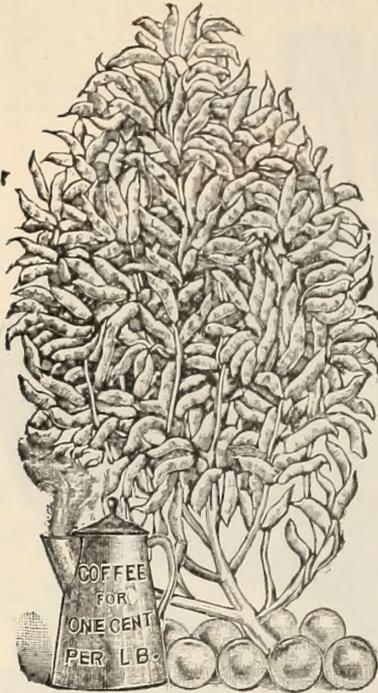
It is claimed that owing to the extraordinary productiveness of this plant, that coffee can be made from it at a cost of less than one cent per pound.

CULTURE.

The rows should be planted three feet apart, one berry every ten inches apart in the row. Cultivation like corn or beans, and should be planted about the same time. Claimed to mature in all latitudes in four and one-half months.

In addition to its "coffee" merits, it is claimed that it is very improving to land, on account of its immense foliage which sheds when it begins to ripen in the fall, and to be much more fattening to hogs than corn. See Cut Page 6.

Price, small packet, 20c; large packet (sufficient to plant 200 hills), 50c; 500 hills, \$1. By mail, postpaid.



NEW AMERICAN COFFEE BERRY.

This illustration is an exact reproduction by our engraver from a photograph of a single vine of the "COFFEE PLANT" in our possession.

table in the manufacture of pepper sauce. Market gardeners can sell the Coral Gem by the bush very readily and thus save picking the pods off.

Packet, 10c; Three Packets, 25c; Ounce, 50c.

GRAND RAPIDS LETTUCE.

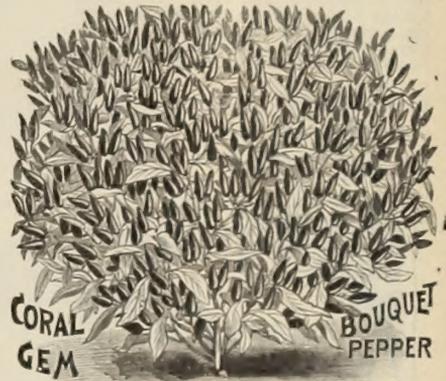
This is a new forcing variety which has been developed in the vicinity of Grand Rapids, Mich., and is specially adapted for greenhouse culture in winter. It is the result of fifteen years selection from the Black Seeded Simpson, which is generally recognized as the standard for forcing, and has so far superceded that old favorite that fifty greenhouses in Grand Rapids alone now use it exclusively. It is superior and beautiful in appearance, a strong grower, very tender and crisp, and, so far as known, free from rot, and will keep from wilting longer while exposed for sale than any other sort known. By the use of this distinct variety the Grand Rapids, Mich., gardeners have been able to distance all competitors, and hold the market for forced Lettuce at their own figures, not only in this one city, but as far south as Cincinnati. They have jealously guarded the seeds, so that until last season it has been impossible to obtain it. Our stock can be relied upon.

Per Packet, 10c; Ounce, 25c; Two Ounces, 40c; 1-4 Pound, 75c; One Pound, \$2.50.



CORAL GEM BOUQUET PEPPER.

The finest of all small varieties. Its beautiful little pods of shining red color are so thickly set as to give it the appearance of a bouquet of corals, hence its name. As a pot plant it has proven a most rapid selling article, besides its great beauty, it serves the housekeeper in a most convenient way when pods are wanted for seasoning. In the open ground the plant grows to a height of from 24 to 30 inches, and is so densely set with pods as to bend its branches down. It will undoubtedly become the most popular as well as profitable. Market gardeners can sell the Coral Gem by the bush very readily and thus save picking the pods off.



Cut Flower Department.



A BOX OF LOOSE CUT FLOWERS,

With their long stems and fine foliage, arranged with care, cause pleasant smiles of welcome when opened. A few flowers sent in this way makes a pretty informal present to a friend or acquaintance. For birthdays, a loose bunch of roses or other choice flowers—one for each year—are always acceptable. An idea may be given of the use to which the flowers are to be put, and their cost, and by leaving selection to us we are almost sure to give satisfactory results. Many of our best customers leave all details in our hands, preferring to trust to our judgment. A fair-sized box varies from \$2.50 to \$5 in cost, while we go as low as \$1 and \$1.50 for small, and as high as you wish for very large.

FLOWERS IN BASKETS.

Put up in endless styles, at prices from \$1.50 upwards. Handle baskets are very satisfactory, as they at once present the idea of a basket full of flowers. A fair-sized basket of any style varies from \$2 to \$5 in cost, while we go as high as \$15 to \$25 for large ones.

BOUQUETS.

The size and prices of bouquets can be estimated somewhat by the prevailing prices of roses at the time. Two to four dozen roses are usually required for a fair-sized bride's bouquet.

Ladies' Hand Bouquets, for balls, receptions, etc., made in a considerable range of sizes, \$1.50 to \$5 each.

Ladies' Corsage Bouquets, 50 cents to \$3 each.

Button-Hole Bouquets of carnations, rose-buds and fine flowers, 10 to 25 cents each.

Ladies' Dress Button-Hole Bouquets, made larger than the above, 25 to 50 cents each.

Lunch Favors, for each plate or person, 25 cents to \$1 each.

Bride's Bouquets, composed of white roses, lily-of-the-valley or other delicate flowers, with or without ferns or ribbon, \$5 to \$10 each; the same, smaller, \$3 to \$5 each.

Bridesmaid's Bouquets or Baskets, choicest quality, \$4 to \$8; choice, but slightly cheaper, \$2 to \$5.

FLOWERS FOR FUNERALS.

In ordering funeral flowers on short notice, please bear in mind that it will be to your advantage to give us as much time as possible—the more time we have the more care we can bestow on the work. If we know the time of funeral, it is often a great help to us in selecting the most suitable flowers as to durability, etc.

We give the two extremes in prices, both the highest and the lowest, as they vary according to size, quality and scarcity of flowers, time and labor required to arrange the work, etc.

Orders by Telegraph or Telephone.—When flowers are wanted the same day or next, it is always best to telegraph or telephone. By using the code words below, an order can be sent in a very few words. Designate the size or quality by the price. For example: "Wave, Wreath, Five, Durable, Three," means, "send to-day, or early to-morrow, wreath for \$5 and white flowers for \$3. If you add the address of a person and the words "Hail" and "Snow," we will enclose your card, PREPAY all charges, and ship to address named. Nothing more practical; we give these details our personal attention. Telephone your orders when possible. The following cipher code will be found very useful:

- Wool**—Send on afternoon train today.
- Wonder**—Send on early train tomorrow.
- World**—Send on afternoon train tomorrow.
- Wave**—Send today or on early train tomorrow.
- Dancing**—If you cannot fill exactly as specified, you may substitute according to your best judgment.

Durable—White flowers for funeral purposes; colored flowers must not be used.

Flowers or Cut Flowers—Unless otherwise specified, means assorted colors and kinds.

Hail—Prepay express charges and charge to me.

Snow—This is for a present; enclose my card.

CRIMSON RAMBLER.

The New Hardy Climbing Rose—Magnificent Trusses of Deep Crimson Flowers—The Floral Wonder of the Century.

The new hardy Japanese climbing rose, "Crimson Rambler," is one that we offer to our customers with unbounded confidence in its merits. It came to this country heralded as a wonder among flowers, but the most extravagant praises yet bestowed on it fall short of doing it ample justice. The judges at one of the principal flower shows in England, when awarding it a Gold Medal, the highest honor they could bestow, epitomized the views of all who had seen it when they said that the ordinary premiums reserved for new Roses of the highest grade were entirely inadequate to indicate the merits of the "Crimson Rambler." At every exhibition throughout Great Britain where it was shown it received the highest honors, and this opinion was endorsed. The National Rose Society of England, the National Horticultural Society of France and the International Exposition awarded Gold Medals to "Crimson Rambler."

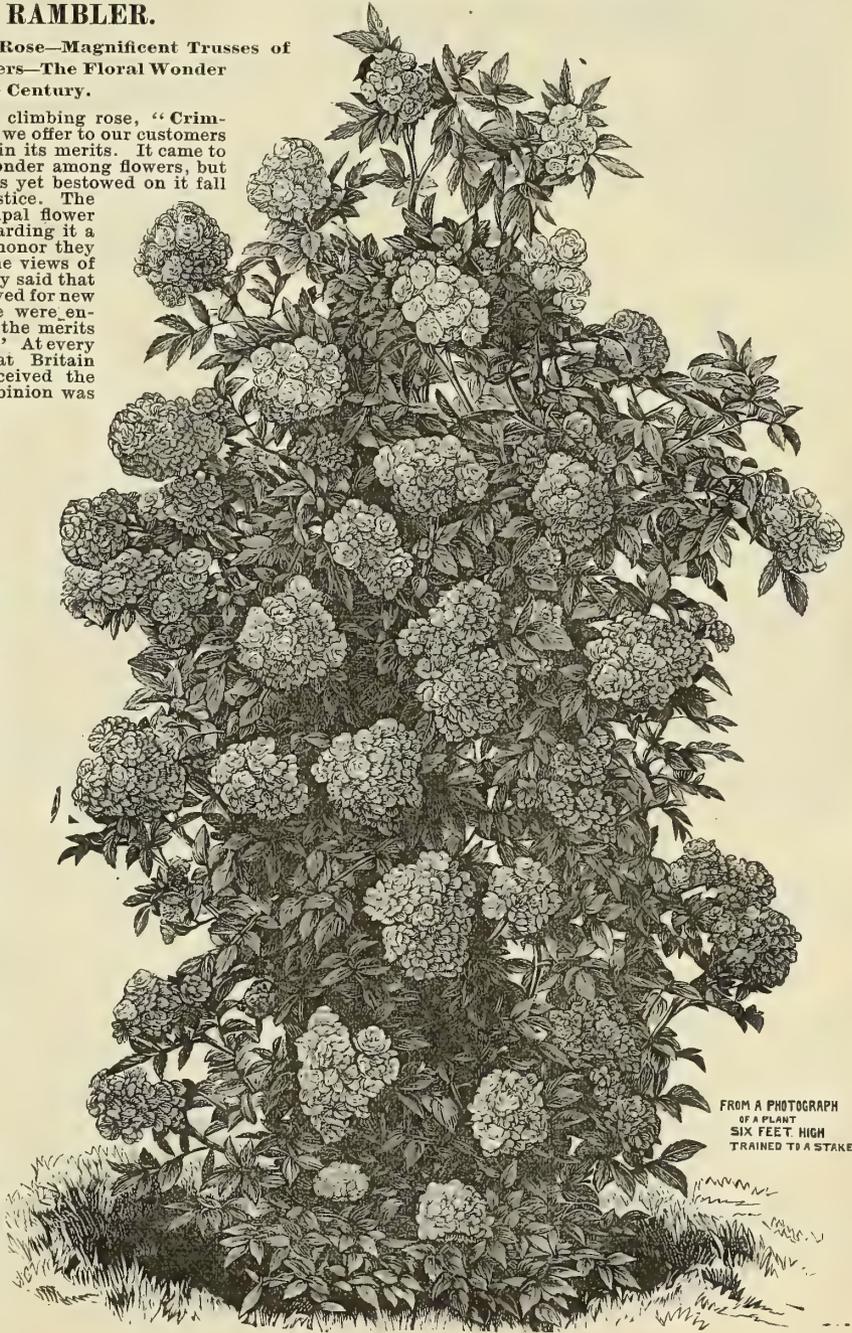
It is of rapid, vigorous growth; plants attained a height of fifteen feet in one season. The flowers are produced in trusses, pyramidal in shape, good specimens measuring nine inches from base to tip, and seven inches across, fairly covering the plant from the ground to the top, so that it is one mass of glowing crimson. The color is superb, and remains strong and vivid to the end; plants in our grounds retained the bloom for two months. The profusion of bloom is marvelous. A correspondent of the London Garden stated that on one shoot he counted over three hundred blooms. It is essentially a garden Rose, but makes a magnificent specimen in a pot or tub. It is adapted to the entire country, and should be in every garden in America.

Prices: Extra strong young plants from 3-inch pots, 40c each, \$4 per doz.

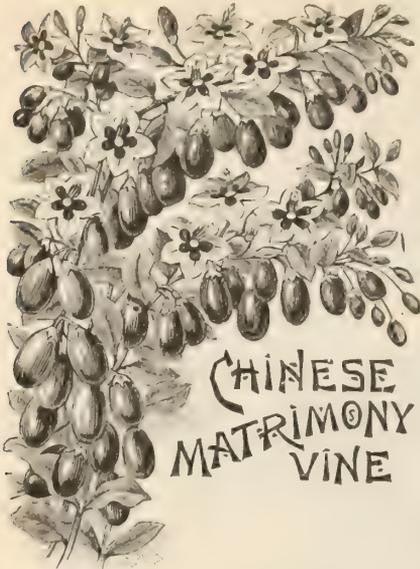
CLOTHILDE

SOUPERT

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,



FROM A PHOTOGRAPH OF A PLANT SIX FEET HIGH TRAINED TO A STAKE



delightful fragrance, wonderful vigor and freedom of bloom combine to make a most beautiful rose. Price, 15c each, or eight for \$1. See cut in general list of roses.

SEE OUR OFFERS

On Plants elsewhere in this catalogue. If you will consider that you are buying plants at home, and getting as much for your money, we feel you will become a customer, if you are not already. We want the trade of the wide people of Texas.

THE HARDY CHINESE MATRIMONY VINE.

NOVELTY. (Lycium Chinense.)

Is a most vigorous, hardy climbing plant when trained to an arbor, fastened to a fence, attached to a tree, to the side of a house, the pillars of a piazza, or in any location where a hardy, vigorous climber is desired. It sends out numerous side branches, so that it covers a great amount of space in a short time, and every new growth is at once covered with bright purple flowers, which are succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded with them; the contrast between the glossy, dark green foliage and shining scarlet fruit is extremely beautiful. It continues flowering and new berries are forming from late spring until frost. The berries ripen in early autumn and remain on the vine late into the winter. It will grow and thrive in any situation, either shade or bright sunlight, and will take root in any soil; in fact, nature has given it all the essentials for wide popularity.

Price, first size, extra strong two-year-old plants, 50c. each, \$4.50 per doz.
Young plants (which will bloom and fruit abundantly this year), 25c. each, \$2.25 per dozen.

TESTED VEGETABLE SEEDS.

GENERAL LIST.

IN THE following pages we have endeavored to list the cream of all varieties best adapted to the South, weeding out many varieties that are catalogued by Northern Seedsmen, but which our experience has proven to us are unworthy in this section. We take great pains to inform ourselves fully as to the true character of everything offered. It is our constant aim to gain and hold the confidence of all our customers and assure them from disappointment.

SEEDS POST-PAID BY MAIL.

Please bear in mind that the prices in the following list include prepayment of postage by us on all seeds offered 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 by mail, postage prepaid. If the seeds are to be sent by express at the buyer's expense, deduct eight cents for a pound, eight cents for a pint, and fifteen cents for a quart. Half-pounds supplied at pound rates; half-bushels at bushel rates.

Market Gardeners, or other large planters requiring larger quantities of seeds than are here offered, are invited to write to us for special prices, particularly purchasers of peas, beans, corn, onions, spinach, cabbage and turnips. In writing, please state plainly whether you are a market gardener, florist, dealer in seeds, etc.

Our Prices.—In comparing our mail prices, especially on heavy seeds, such as peas, beans and corn, by the quart, pint and half-pint, and other seeds by the pound and quarter-pound, you must bear in mind that the postage is added, while a number of other seedmen give you prices without including postage, but require you to remit in addition eight cents per pound and fifteen cents per quart to pay for postage, thus making their prices equal to and frequently more than ours.

PACKET SEED DISCOUNTS.—This does not refer to seeds offered by weight or measure, but to seeds in packet only; nor does it refer to potatoes, onion-sets or bulbs.

- For 25 cents you may select 6 five-cent packets of Vegetables or Flower Seeds.
- For 50 cents you may select 13 five-cent packets of Vegetables or Flower Seeds.
- For \$1 you may select seeds in packets (no ounces remember) to amount of \$1.30.
- For \$2 you may select seeds in packets (no ounces remember) to amount of \$2.75.
- For \$5 you may select seeds in packets (no ounces remember) to amount of \$7.25.

BULK SEED DISCOUNT.—This discount refers to seeds quoted in catalogue by weight or measure, and not to potatoes, onion-sets or bulbs, as some mistook it last season, neither to seeds in packets.

- On an order of \$5..... 10 per cent.
- On an order of \$10..... 12 per cent.
- On an order of \$20..... 15 per cent.

OUR NINETY-NINE CENT COLLECTION.

32 packets for 90 cents, free by mail. At the low prices at which the collection is sold, we can allow no changes.

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Beans, Kidney Wax Dwarf. Yellow pods, early. 2. Southern Prolific. Best pole or corn bean. 3. Beet, Eclipse. Very early and good. 4. Dewing's Blood Turnip. Best general use. 5. Cabbage, Extra Early Jersey Wakefield. 6. Chase Excelsior. Best medium late. 7. Celery, Golden Heart Dwarf. 8. White Plume. Self-blanching. 9. Corn, Cory. Earliest sweet corn. 10. Stowell's Evergreen. Sweetest; best main crop. 11. Cucumber, White Spine. Greenest and best. 12. Early Cluster. Best forcing; best early. 13. Lettuce, Curled Simpson. 14. Hanson. Best all season. 15. Watermelon, California. Quality can't be beat. 16. Kolb Gem. Best shipper; choice. | <ol style="list-style-type: none"> 17. Muskmelon, Extra Early Hackensack. A No. 1. 18. Onion, Yellow Danvers Globe. Best general crop. 19. White Silverskin. For table and pickles. 20. Okra, Dwarf Velvet. 21. Pepper, Ruby King. Sweet; largest of all. 22. Pumpkin, Sweet or Pie. Best table. 23. Peas, Alaska. 24. Stratagem. Immense pods. 25. Radish, Long Scarlet. Good for forcing in or outside. 26. New Charter. Best early or late. 27. Our Mixture. 28. Squash, Mammoth Scallop. Summer. 29. Orange Marrow. New; very fine. 30. Tomato, Livingston's Beauty. No better. 31. Golden Queen. New. 32. Turnip, Purple-Top Strap-Leaved. |
|---|---|

5¢-16 pkts. for 60 cts. We will send Nos. 1, 4, 6, 7, 10, 12, 14, 15, 17, 18, 20, 21, 23, 26, 29 and 30 for 60c

Three collections for \$2.50; six collections for \$4.50.

Our packets of seeds are much larger than those you buy from your merchants, and the seeds are always fresh.

ASPARAGUS SEED.

Culture.—In early Spring sow the seed, after soaking it twenty four hours in warm water, in drills about one foot apart and one inch deep. The soil should be very rich and well worked. Later thin the plants to three or four inches apart in rows, and cultivate often thoroughly through the summer. Transplant the following Spring into permanent beds, deeply trenched and well mixed with decayed manure. Set the plants with roots well spread and crowns in the same direction, to avoid the roots running together, in trenches one foot deep, fifteen inches apart, one foot apart in the trenches, covering with four inches of soil. After the plants appear, gradually fill in the manure in the Fall and give a coating of salt every Spring. One ounce produces about five hundred plants.

CONOVER'S COLOSSAL. The standard variety, of large size, tender and of excellent quality. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 50c.; 10 pounds (not prepaid), \$3

MOORE'S CROSS-BRED. A new sort of large size, remarkably uniform, and of a fine general appearance. Packet, 5c.; ounce, 15c.; ¼ pound, 50c.; pound, \$1.75.

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 very best quality. Packet, 10c.; ounce, 20c.; ¼ pound, 60c.; pound, \$2.

ARTICHOKE.

Culture.—Sow in April in rich soil and transplant to permanent beds the next Spring, in hills three feet apart each way, with three plants to a hill. A rich, deep loam is required and plenty of moisture. Cover with litter or earth in winter.

GREEN GLOBE. Produces large globular heads; scales green, shading to purple; best for general use. Packet, 5c.; ounce, 30c.

JERUSALEM ARTICHOKE.

Entirely unlike the common Artichoke except in flavor after cooking. They are cultivated for their tubers, which are especially useful for stock feeding, though they have a table use as pickles. Hogs and sheep thrive on them, and they are said to increase the flow of milk in new milch cows. They are enormously productive, yielding 1,500 bushels per acre. Cultivate like potatoes, but plant them in rows, four feet apart, when grown in strong soils. By mail: per quart, 25c.; by express: per peck, 50c.; ½ bushel, 85c.; bushel, \$1.50; barrel (2¾ bushel), \$9.25.

BRUSSELS SPROUTS—Rosen-Kohl.

A Most Delicious Vegetable.

Culture.—This plant is allied to the Cabbage family, producing small heads from the side of the stalk, which are in perfection for use in autumn after early frosts. Sow in March, transplant in April, one foot apart each way and cultivate like winter Cabbage. It is very strange that these are not cultivated more extensively in this country. Some of our commission men receive large imports from France every Fall.

IMPROVED DWARF. A fine strain. Packet, 5c.; ounce, 15c.; ¼ pound, 45c. Try some of it this year.

ASPARAGUS PLANTS.

Spargel Pflanzen.

If they are to be sent by mail, add 30c per 100 to these prices. The earliest and best crop is secured by the use of roots. They can be set out in Fall or Spring. The Fall setting gives the earlier start next Spring. Cultivate as described.

CONOVER'S COLOSSAL. One year old roots, per 100, 50c.; (by mail, 75c.); per 1,000, \$4.50; two year old roots, good plants, per 100, 85c.; per 1,000, \$6; 2,000, \$10; 5,000 for \$22.50; three year old roots, per 100, \$1.25; by mail, \$1.85.

BROCCOLI—Spargel Kohl.

Culture.—This plant resembles Cauliflower, but is harder and of less delicate flavor. Sow early in May and transplant late in June or early in July to a rich, mellow bed. Cultivate as late Cabbage. It thrives best in moist soil and a cool temperature. One ounce will produce 2,000 plants.

LARGE WHITE MAMMOTH. Heads compact, large and white. Packet, 10c.; ounce, 40c.; ¼ pound, \$1.25.

One of the best sorts, white and delicate. Packet, 10c.; ounce, 50c.; ¼ pound, \$1.75.

BEANS—Dwarf or Bush.

Beans are tender and should not be planted until danger from frost is past, and the ground becomes warm. Plant in drills three or four inches apart, or in hills one and one-half feet apart in the row, and rows three feet apart. Hoe often, but never when wet with dew or rain, as earth will rust the leaves and injure the crop, especially in sandy soil. One quart 100 feet of drill, two bushels to the acre.

Remember that we pay the postage on Beans at the prices quoted.

Large Packets—Customers write us that our packets contain more seeds than prices.

Quart and Pint Prices include postage; if to go by express at buyer's expense, deduct 15 cents per quart, or 8 cents per pint, from the prices below.

Bushel and Peck Prices see special page at end of this list.

GREEN POD VARIETIES.

EXTRA EARLY ROUND POD VALENTINE. At least ten days earlier than the Early Valentine and usually ready to pick in thirty-five days after planting. The pods are round, thick and fleshy, of finest quality and unequalled in uniformity of ripening; one of the most profitable sorts for gardeners. Packet, 10c.; pint, 25c.; quart, 45c.

EARLY MOHAWK. First early; none better for first planting; productive; very hardy, almost frost proof; can be used when half grown. Packet, 10c.; pint, 25c.; quart, 45c.

EARLY WARWICK. One of the earliest, if not the earliest Green Bush sort. It will give a picking of pods four inches and over in forty-three days from planting; pods stringless; remarkably early; a heavy cropper; suitable for shipping long distances. Packet, 10c.; pint, 25c.; quart, 45c.

LONG YELLOW SIX WEEKS. A fine early string bean. Packets, 10c.; pint, 25c.; quart, 45c.

IMPROVED DWARF HORTICULTURAL. (GODDARD, BOSTON FAVORITE). Early; excellent for market; splendid shell bean. Packet, 10c.; pint, 30c.; quart, 50c.

REFUGEE OR THOUSAND TO ONE. Hardy, abundant bearer; flesh thick and tender; none better for picking. Packet, 10c.; pint, 20c.; quart, 40c.

DWARF WAX OR YELLOW POD VARIETIES.

RUST PROOF GOLDEN WAX. This is certainly the best strain of Golden Wax Bean now on the market. It is hardier, much more prolific, holds its pods up better, and is of better quality. The pods are straighter, longer and thicker than the ordinary Golden Wax, and are rust proof. Packet, 10c.; ½ pint, 15c.; pint, 30c.; quart, 55c.

YOSEMITE MAMMOTH WAX. The monster pods of this new variety average 10 to 14 inches in length, are nearly all solid pulp and absolutely stringless, cooking tender and delicious. They are of a rich golden yellow, a vigorous grower, covering the ground with its heavy foliage in such a manner as to shade the earth and keep it moist; enormously productive. We recommend it to our customers as a very desirable variety. Packet, 10c.; ½ pint, 20c.; pint, 35c.; quart, 65c.

CHALLENGE DWARF BLACK WAX. This new and distinct sort is FULLY ONE WEEK EARLIER THAN ANY OTHER WAX BEAN, while its vigor and productiveness leave nothing to be desired. The pods are large and of good color, grow uniform and well together; none better for first early crop. Packet, 10c.; pint, 25c.; quart, 45c.

NEW SPECKLED WAX. A little later than Black Wax, but continues longer in bearing than any other bush bean; wonderfully productive and EVERBEARING. The long cylindrical pods are crisp and tender. Color, when young, clear, waxy, light yellow, but as the pods mature they become splashed with carmine, making it very beautiful and attractive; easily shelled, Packet, 10c.; ½ pint, 15c.; pint, 25c.; quart, 50c.

DETROIT WAX. A very handsome and hardy wax variety. Plants erect, bearing their pods near the center, often throwing them above the foliage; the pods are straight and flat, broader and a little longer than the common Golden Wax. Packet, 10c.; pint, 25c.; quart, 50c.

GOLDEN-EYED WAX. The remarkable beauty and manner of growth of this new variety makes it very popular. Extremely early and vigorous, growing very rapidly, and yields a great profusion of tender, succulent pods, of beautiful waxy appearance; its flavor is unexcelled. Packet, 10c.; pint, 25c.; quart, 50c.

FERRY'S GOLDEN WAX. A very early stringless bean of golden wax color, of excellent quality; extensively used by market gardeners. Packet, 10c.; pint, 20c.; quart, 40c.

BLACK-EYED WAX. One of the earliest wax beans in cultivation. The pods are long and beautiful in color, very tender and of fine flavor; very productive and a vigorous grower. Packet, 10c.; pint, 25c.; quart, 45c.

WHITE-SEDED WAX. An excellent snap bean; also fine for shelling; seed pure white. Packet, 10c.; pint, 25c.; quart, 45c.

WARDWELL'S KIDNEY WAX. Vine of medium size, erect, hardy and productive. Pods long, broad, flat and of a delicate waxy yellow, brittle and entirely stringless. Beans, large, kidney-shaped, white, with dark markings about the eye. A first-class snap bean, and a good winter shell sort; the yield exceeds that of the common Gold Wax, and is equally early. Packet, 10c.; pint, 25c.; quart, 45c.

GERMAN BLACK WAX. Early stringless, pods round, waxy-yellow, solid and tender. Packet, 10c.; pint, 20c.; quart, 40c.

PROLIFIC GERMAN WAX. (CYLINDER POD.) An improved strain of Black Wax, having longer, whiter, and more fleshy pods, and being much more productive. Packet, 10c.; pint, 25c.; quart, 45c.

CRYSTAL WHITE WAX. A distinct variety; one of the

We will make special quotations to Market Gardeners and Public Institutions who use seeds in large quantities.

best. Quick to mature, slow to harden, retaining their juicy, succulent flavor for days after they are ready to pull. The pods are ivory white, of good size, round and very fleshy. Packet, 10c.; pint, 30c.; quart, 55c.

VIOLET FLAGEOLET WAX. (PERFECTION WAX.) Plant very large. Pods long and large, longer than those of the Scarlet, and more twisted. A little later than the Scarlet, but distinctly larger. Packet, 10c.; pint, 25c.; quart, 45c.

HENDERSON'S DWARF OR BUSH LIMA. Grows without the aid of stakes or poles in compact bush form, about 18 inches high, and produces enormous crops of delicious Lima Beans, which can be as easily gathered as the common bush sorts. It is at least two WEEKS EARLIER than any of the climbing Limas. This fact alone would stamp it as the most valuable novelty of recent years, but when, in addition to this, we consider that it is a true BUSH BEAN, requiring no supports, and is a continuous and abundant bearer until frost, some idea of its great value can be realized. Packet, 10c.; ¼ pint, 15c.; pint, 25c.; quart, 50c.

BURPEE'S BUSH LIMA. See Novelties.

BEANS—Pole or Running.

POLE BEANS are more tender and require more care in culture than the bush beans, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form hills from three to four feet apart; plant five or six beans in a hill, about two inches deep, leaving a space in center for pole.

One quart makes 100 to 200 hills, according to size of beans. Ten to twelve quarts plant an acre.

Remember that we pay the postage on beans at the prices quoted.

Large Packets.—Customers write us that our packets contain more seeds than others.

Quart and Pint Prices include postage; if to go by express, at buyer's expense, deduct 15c. per quart, or 8c. per pint, from the prices below.

Bush and Peck Prices, see Special Page at the end of this list.

LAZY WIFE'S.

The pods grow from six to eight inches long, entirely stringless and of a rich buttery flavor when cooked. The pods remain green and retain their tender rich flavor until ripe. Unsurpassed as white shell beans for winter use. Packet, 10c.; pt., 30c.; quart 55c.

GOLDEN CLUSTER WAX.

Undoubtedly the earliest pole variety. Although it begins to bear early it continues until frost. Every one is surprised at their beautiful appearance and productiveness. The pods are from 6 to 8 inches long, borne in clusters of from 3 to 6, and are most freely produced; stringless, very tender and of delicious flavor. Packet, 10c.; pint, 30c.; quart, 55c.



WHITE CREASBACK. An extremely early green pod bean which cannot be praised too highly. It is a good grower, vines small to medium and exceedingly productive; the long pods are produced all over the vine, in clusters of from 4 to 12; perfectly round, with a crease in the back; stringless, very fleshy, and of fine quality. Packet, 10c.; pint, 26c.; quart, 45c.

WHITE DUTCH CASE KNIFE. One of the earliest; a splendid green shell bean, also a fine dry bean for winter use; very productive; a good bean for planting among corn. Packet, 10c.; pint, 25c.; quart, 45c.

SOUTHERN PROLIFIC. A very prolific sort, popular in the South; pods green, cylindrical, long, fleshy, crisp and excellent. Packet, 10c.; pint, 25c.; quart, 55c.

KENTUCKY WONDER. A very prolific sort, bearing its pods in large clusters; pods green, often reaching nine or ten inches, nearly round when young, and very crisp. Packet, 10c.; pint, 30c.; quart, 55c.

POWELL'S PROLIFIC. This bean is a most rampant grower, one plant filling a pole with a mass of vines densely loaded with beans; almost a solid mass of pods from the bottom to the top of the pole. The handsome green pods average eight or nine beans to the pod; grow very uniform, about six inches long; perfectly stringless, very thick meated, tender, rich and buttery; everbearing, and very profitable for market gardeners. Packet, 10c.; pint, 35c.; quart, 60c.

HORTICULTURAL OR SPECKLED CRANBERRY. Round, speckled bean, tender for snap beans. This old favorite is not excelled for shelling and succotash. Packet, 10c.; pint, 25c.; quart, 45c.

WHITE DUTCH RUNNER. An ornamental variety; large white seed, and beautiful clusters of white flowers; good as a shelled bean. Packet, 10c.; pint, 25c.; quart, 45c.

SCARLET RUNNER. Produces clusters of beautiful scarlet flowers; principally grown for ornament; they can also be used as a shelled bean. Packet, 10c.; pint, 25c.; quart, 45c.

POLE LIMA BEANS.

Lima Beans will not grow until the weather and ground are warm; if planted before they are apt to rot in the ground.

EXTRA EARLY JERSEY. The beans are nearly as large and equally as good as the late sorts, but two weeks earlier. Packet, 10c.; pint, 25c.; quart, 45c.

DREER'S IMPROVED. Vines vigorous and productive; pods short, broad, straight and coarse; beans larger and much thicker than ordinary Limas. Packet, 10c.; pint, 25c.; quart 45c.

SMALL WHITE. (CAROLINA SERWEE OR SIWA.) Resembles the large Lima, but has smaller leaves and seeds. Is earlier and more hardy. Packet, 10c.; pint, 20c.; quart, 40c.

BEETS.

The soil which is best suited for the culture of the Beet is that which is rather light, provided it is thoroughly enriched with manure. If wanted very early, sow in hot beds and transplant; but for main crop sow in the spring as soon as the ground becomes fit to work, in drills about eighteen inches apart and two inches deep. For winter use, the turnip varieties may be sown in June. When the plants have attained three or four inches, thin out so that they stand five or six inches apart. Keep free from weeds by frequent hoeing and hand-weeding, if necessary. Before freezing weather sets in, the roots may be stored in cellars or pits, as potatoes. Be very careful not to bruise them in handling.

One ounce of seed to 50 feet of drill, 5 to 6 pounds to the acre.

ECLIPSE. A very early and handsome smooth dark, globe-shaped beet with small top; in earliness and quality it is very desirable. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

EGYPTIAN. Very early dark blood red of medium size; tender and sweet; used for forcing. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

DEWING'S IMPROVED BLOOD TURNIP. Best main crop variety. Roots smooth and handsome, good size, tender and sweet. A great favorite with marketmen. Our stock of this is grown from selected beets, and is unexcelled by any in the country. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

EARLY BLOOD TURNIP. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

EARLY FLAT RED BASSANO. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

BASTIAN'S EARLY BLOOD TURNIP. Quite early; blood red color; smooth; fine form. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

BASTIAN'S HALF-LONG BLOOD. Bright color; excellent quality; valuable to follow Bastian's Early. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

LONG DARK RED. A good keeper, and grown especially for winter use. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

EDMONDS TURNIP. Deep red in color; round and smooth; good size; small top; very early and decidedly popular. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 55c.

OUR SEEDS ARE AS GOOD AS THE BEST—NONE ARE BETTER.

MANGEL WURZEL AND SUGAR BEETS.

Grown for Feeding Stock.

The value of these for stock feeding cannot be over-estimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost, and yield immense crops per acre. Five or six pounds of seed required per acre.

VILMORIN'S IMPROVED WHITE SUGAR BEET. An improved variety of white sugar beet, containing a larger amount of sugar than any beet ever introduced. Ounce, 10c.; pound, 55c.; 5 pounds, \$2.25.

GOLDEN GIANT INTERMEDIATE (Yellow Leviathan). A decided improvement on the Yellow Ovoid. Beautiful russet-yellow color; remarkably even in shape; smooth skin; the flesh is white, firm and sweet. Produces enormous crops and is an excellent keeper. Ounce, 5c.; ¼ pound, 15c.; pound, 50c. By express: pound, 40c.; 5 pounds at 30c.

CHAMPION YELLOW OR ORANGE GLOBE. Very productive, easily pulled and an excellent keeper; spherical in shape; orange-yellow. Ounce, 5c.; ¼ pound, 15c.; pound, 40c. By express: pound, 35c.; 5 pounds at 30c.

RED GLOBE. Similar to the Yellow Globe, differing only in color. Ounce, 5c.; ¼ pound, 15c.; pound, 40c. By express, pound, 35c.; 5 pounds at 30c.

MAMMOTH LONG RED (also called NORBITAN GIANT, JUMBO MANGEL, COLOSSAL, etc.) A large, well-formed variety; blood-red color; quality exceedingly nutritious. Ounce, 5c.; ¼ pound, 15c.; pound, 40c. By express: pound, 35c.; 5 pounds at 30c.

COLLARDS.

A plant of the cabbage family. It is well adapted to the South, enduring extreme heat; very popular; excellent for greens.

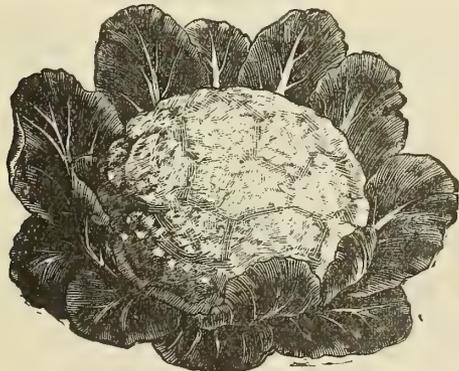
TRUE SOUTHERN. Packet, 5c.; ounce, 10c.; ¼ pound, 35c.; pound, \$1.15.

CAULIFLOWER.

The culture of Cauliflower is similar to Cabbage. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow seed in the hot-bed in January or February, and transplant the plants two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude is usually from the 15th of February to March 10th. Set the plants two feet by fifteen inches apart. If properly hardened off they are seldom injured by being planted out too early. When heading tie the outside leaves loosely over the head to protect it from the sun. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of its growth. One ounce gives 1 500 to 2,000 plants. No seed is more important than Cauliflower. Price should not be considered.

HALF EARLY PARIS OR NONPAREIL. The largest for forcing; early; also good for a succession crop. Packet, 5c.; ¼ ounce, 25c.; ounce, 65c.; ¼ pound, \$2; pound, \$7.

LENORMAND'S SHORT STEMMED. A large, late, short stemmed variety, producing well-formed heads of excellent quality. Packet, 10c.; ¼ ounce, 25c.; ounce, 75c.; ¼ pound, \$2.25; pound, \$7.50.



EXTRA EARLY DWARF ERFURT. The favorite German variety. Dwarf habit, compact growth, short outside leaves; can be planted twenty inches apart. Packet, 20c.; ¼ ounce, 75c.; ounce, \$4; ¼ pound, \$10.

CABBAGE.

This vegetable requires deep, rich, mellow soil, high manuring and good culture. In order to obtain solid heads for early use, sow early varieties first to tenth of January or

early in February. Plant out in open ground as soon as plants are ready. Frequent and thorough cultivation will result in a profitable crop. To prevent the attacks of cabbage fly on small plants, dust thoroughly with air-slacked lime, or use wood ashes freely over the young plants. For the cabbage worm, try Slug Shot. (See Insect Destroyers.)

One ounce of seed produces about 1,500 plants; half pound of seed grows enough plants to set an acre.

EXTRA EARLY EXPRESS. Earliest Cabbage in the world. This new and very early cabbage, while not as large as the Jersey Wakefield, is several days earlier, and for a first early variety cannot be excelled. Very dwarf and very uniform. Desirable as a quick forcing sort. Packet, 5c.; ounce, 20c.; ¼ pound, 65c.; pound, \$2.50

EARLY DWARF FLAT DUTCH. An excellent second early variety, producing fine large heads after the first-early varieties have disappeared. Highly valued, both for its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top; tender and fine grained. Packet, 5c.; ounce, 20c.; ¼ pound, 60c.; pound, \$2.

LARGE EARLY YORK. One of the earliest; heads small, heart-shaped; fairly firm; good quality. Packet, 5c.; ounce, 15c.; ¼ pound, 35c.; pound, \$1.25.

ALL SEASONS. A greatly improved strain of Early Flat Dutch. Heads very large, round, solid, and of the quality, keeping as well as the winter sorts. Plant very vigorous, but sure heading. Remarkable for its ability to stand the hot sun and dry weather. One of the very best sorts for general cultivation. Packet, 5c.; ounce, 20c.; ¼ pound, 60c.; pound, \$2.

FILDERKRAUT. Introduced from Germany several years ago; it is very solid and sure to head; heads are pointed conical; resembles the well known Winningstadt, but is larger in every way and more pointed. Packet, 5c.; ounce, 20c.; ¼ pound, 60c.; pound, \$2.

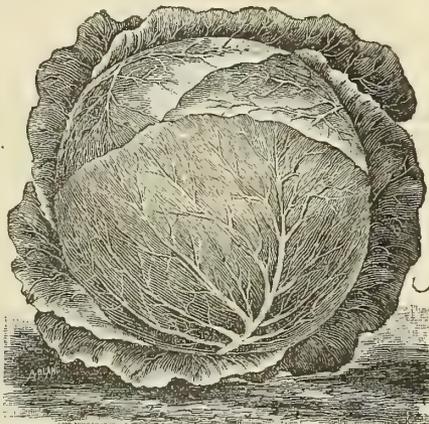
BURPEE'S SURE HEAD. A very reliable header, large, round, flattened heads of the Flat Dutch type; a good keeper and shipper, and has become exceedingly popular. Packet, 5c.; ounce, 25c.; ¼ pound, 75c.; pound, \$2.50.

EARLY WINNINGSTADT. A well known and very popular variety; in season very close to the Wakefield; heads large; decidedly conical, leaves bright, glossy green; heads solid and hard, even in summer. This is a very sure heading variety, valuable not only for early use, but also for winter cabbage. As near worm-proof as any cabbage in the list. Packet, 5c.; ounce, 15c.; ¼ pound, 50c.; pound, \$1.90.

EARLY JERSEY WAKEFIELD (Selected Stock). Many market gardeners consider this the very best Early Cabbage in cultivation. It is certainly deserving of its popularity, and is grown very extensively for market and shipping. Its merits are many, among which may be mentioned its large size head for an early sort, small outside foliage, and its uniformity in producing a crop. The heads are pyramidal in shape, having a blunted or rounded peak. The seed we offer is first-class and sure to give satisfaction. Packet, 10c.; ounce, 25c.; ¼ pound, 80c.; pound, \$3.

EARLY DRUMHEAD. An early variety, very dwarf, with medium sized heads; comes in about with the Early Flat Dutch. Packet, 5c.; ounce, 20c.; ¼ pound, 60c.; pound, \$2.

HENDERSON'S SUCCESSION. It is about one 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. One of its characteristics is the fact that it is ALWAYS SURE TO HEAD. Packet, 10c.; ounce, 25c.; ¼ pound, 75c.; pound \$2.75.



EARLY SUMMER CABBAGE.

HENDERSON'S EARLY SUMMER. (Selected Stock). Is about ten days later than the Wakefield, but being fully double the size, it may be classed as decidedly the best large early cabbage, and is deservedly popular with market gar-

deners. In weight it is equal to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as the Wakefield. It keeps longer without bursting open after heading than any other variety we know of. Packet, 10c.; ½ ounce, 15c.; ounce, 25c.; ¼ pound, 75c.; pound, \$2.50.

DANISH BALL-HEAD. A variety from Denmark, where it is so highly prized that they grow it almost exclusively for winter cabbage, and annually export large quantities. Has been selected for more than fifty years by Danish gardeners. Heads are hard, round, of good marketable size, fine grained and good keepers. Packet, 10c.; ounce, 25c.; ¼ pound, 75c.; pound, \$2.75.

LARGE AMERICAN DRUM-HEAD. A very superior fall and winter variety; large, solid heads. Packet, 5c.; ounce, 15c.; ¼ pound, 50c.; pound \$1.50.

LIVINGSTON'S PREMIUM FLAT DUTCH. For the winter market it has no superior. Heads are large and very solid; they open white, crisp and tender. It is a fall and winter variety, and with good cultivation is sure to head. Grown almost exclusively by marketmen on account of its good shipping qualities. Packet, 5c.; ounce, 20c.; ¼ pound, 60c.; pound, \$2.

RED PICKLING CABBAGE.

EXTRA EARLY DARK RED ERFURT. The earliest and finest red. Packet, 5c., ounce, 25c.; ¼ pound, 75c.; pound, \$2.75.

RED DRUMHEAD. Head large, rounded in shape, hard; very deeply colored at the heart. Packet, 5c.; ounce, 25c.; ¼ pound, 75c.; pound, \$2.50.

CARROTS.

This vegetable is generally overlooked in the South. This should not be, as it is wholesome and very prolific. Like all other root crops, flourishes best in well enriched sandy soil, deeply tilled. If plowed the fall before, all the better. Seed should be sown early in the spring in drills from fifteen to eighteen inches apart. If sown early or on moist soil one inch deep is enough to cover the seed. One ounce sows 150 feet of row; four pounds will sow an acre.

VERY EARLY SCARLET OR GOLDEN BALL. (Also called EARLIEST SHORT-HORN) This is the earliest carrot in cultivation, and best suited for forcing. Small tops and tap root, round as a turnip; small size; very rich orange color. Packet, 5c.; ounce, 10c.; ¼ pound, 30c.; pound, \$1.10.

EARLY SCARLET SHORT HORN. One of the most popular. Stump rooted, second in size; fine for forcing; deep orange; flesh fine grained and of agreeable flavor; top small. Packet, 5c.; ounce, 10c.; ¼ pound, 30c.; pound, \$1.

NANTE'S EARLY LONG SCARLET. Improved stump rooted horn, large, sweet, fine flavored, almost without a core; very fine grained; excellent for the home garden and market. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 90c.

OX-HEART OR GUEKANDE. Intermediate in length between Early Horn and Danvers, and fully three to five inches in diameter. In quality it is extra good. Where other sorts require digging, Ox-Heart can be easily pulled. Packet, 5c.; ounce, 10c.; ¼ pound, 30c.; pound, \$1.

DANVERS HALF LONG. One of the most productive and best for field culture. Tops medium, roots dark orange colored; large, but of medium length, tapering abruptly at the point; very uniform and handsome; flesh deep orange with yellow center; sweet and tender. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 90c.

IMPROVED LONG ORANGE. A standard late variety, handsome and uniform in shape; deep orange color; good flavor; yields heavily. It requires a deep soil, and the plants should stand eight inches apart in eighteen inch drills, for the roots to attain their full size. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 90c.

Special prices on application for larger quantities.

CHICORY.

LARGE ROOTED. Used to mix with or as a substitute for coffee. Culture the same as for Carrot. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 90c.

CELERY.

Culture. Celery can be successfully grown with but little labor in any good garden soil, if plenty of well-rotted manure or high grade fertilizer is used. It delights, however, in low, moist, rich bottom land, or well-drained muck soil. It is usually grown as a second crop.

One ounce of seed produces 2000 plants.

BOSTON MARKET. For many years the most popular sort in the markets of Boston. The best variety for light soils. A late keeper. Packet, 5c.; ounce, 20c.; ¼ pound 60c.; Pound, \$2.

EARLY ARLINGTON. An extra early strain of Boston Market, somewhat larger, free from blight, and not inclined to run to seed; blanches easy and is a strong grower. Packet, 5c.; ounce, 20c.; ¼ pound, 60c.; pound, \$2.

CRAWFORD'S HALF DWALE. The favorite variety with New York City gardeners. When blanched it is of

rather a yellowish-white, and is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight. Packet, 5c.; ounce, 15c.; ¼ pound, 50c.; pound, \$1.75.

WHITE PLUME. The earliest, the handsomest, easiest grown, and most profitable for early market. It is almost self blanching. In appearance it is very ornamental. It is unsurpassed for fall and early winter use. Our seed cannot be excelled in quality and purity. Packet, 10c.; ounce, 25c.; ¼ pound, 75c.; pound, \$2.50.

NEW ROSE. The red and pink Celeries have been deservedly gaining in popular favor for several years past, because they are hardier and better keepers than the yellow and white sorts, and because of their superior flavor and crispness. This new sort combines with the above fine qualities a handsome appearance, which renders it an attractive ornament to the dinner table, the heart and stems being shaded to a fine rose color. Packet, 10c.; ounce, 25c.; ¼ pound, 75c.; pound, \$2.75.

CELERIAC—Turnip-Rooted Celery.

APPLE-SHAPED. An early, smooth variety; the roots are shaped like an apple and of good flavor. Packet, 5c.; ounce, 15c.; ¼ pound, 50c.; pound, \$1.50.

SWEET CORN.

The Sweet or Sugar Corn varieties, being liable to rot in cold or wet ground, should not be planted until the ground has become warm, and for a succession plant every two weeks until the last of July, in hills 2x3 feet for the early kinds, and 3x4 for the large, late kinds. Some plant in drills 3½ feet apart, and eight inches in the row. Give frequent and thorough cultivation. One quart plants 200 to 300 hills; eight or ten quarts for an acre.

PRICES OF ALL KINDS (except otherwise noted): Postpaid—Packet, 5c; Pint, 20c; Quart, 35c. Not Prepaid—Bushel, \$2.75; Peck, 75c; Quart, 20c.

EVRA EARLY ADAMS. The hardiest and earliest white corn known; is not a Sugar Corn, but on account of its being largely sold for table use we class it among the Sugar Corns. It can be planted earlier than any other; ear short, grain white, indented.

EARLY ADAMS. Similar to Extra Early Adams, larger, but not so early. Often used for the table, particularly in the South.

EXTRA EARLY CORY. The earliest variety of sweet corn known. Has a large ear considering the size of the stalk, small cob well filled with broad grains. It is larger eared, and at least a week earlier than the Marblehead.

SHAKER'S EARLY. A splendid market sort, ready about the same time as Early Minnesota, but the ears are much larger. The stalks, in good soil, attain a height of six feet, bearing usually two large ears, well filled out to the tip of the cob; the kernels are large, white, and of delicious flavor.

EARLY MAMMOTH. Ripens two weeks earlier than Late Mammoth, which variety it much resembles; the ears are fully as long, but more tapering; quality good; a splendid market sort.

STOWELL'S EVERGREEN. Grown more extensively than any other; a great favorite with canners and market gardeners for late use. The ears are of large size; kernels very deep, tender and sugary; very productive, and remains for a long time in fit condition for table use.

CUCUMBERS.

As soon as the weather becomes settled and warm, plant in hills from four to six feet apart each way, with eight or ten seeds in each hill; cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects, leave three or four plants to the hill. For pickles, plant from the first of June to the first of August. The fruit should be gathered when large enough, whether required for use or not, as if left to ripen on the vines, it destroys their productiveness. One ounce for fifty hills; one to two pounds for an acre.

Slug Shot is Death to the Bugs.

EXTRA EARLY WHITE SPINE.—For Forcing. Every market gardener knows the value of a well selected and fixed strain of extra early Cucumber, especially for forcing purposes. Selected seed: Packet, 5c; ounce, 15c; ¼ pound, 40c; pound, \$1.50.

EXTRA EARLY RUSSIAN. The earliest, small, hardy and productive; excellent for small pickles. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 85c.

EARLY GREEN CLUSTER. A short, prickly variety, bearing in clusters near the root; very prolific; very good for table use. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 75c.

BOSTON PICKLING. Very popular in Boston market. It is of medium length and a great producer. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 75c.

GREEN PROLIFIC. One of the best pickling sorts. Its characteristics are its uniform growth, hardly ever yielding Cucumbers too large for pickling, and its immense productiveness. Packet, 5c; ounce, 10c; ¼ pound, 20c; pound, 70c.

Send telegraph orders for cut-flowers if you cannot reach us in time by mail. We can always supply you.

IMPROVED LONG GREEN. Long and crisp; a popular and reliable variety for pickles. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 85c.

LONG GREEN TURKEY. Fruit long and slim. A most excellent variety. Packet, 5c; ounce, 10c; ¼ pound, 30c; pound, \$1.

JERSEY PICKLING. Very popular in New Jersey. Intermediate between the Long and Short Green, forming a long, slender, cylindrical pickle; very crisp and tender. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 75c.

ENDIVE.

One ounce of seed sows 100 feet of drill. Its leaves make a splendid salad when properly blanched, and one that is very useful, as it come in after lettuce is gone. It may be grown at any season, but is usually grown for use late in the fall.

MOSS CURLED. A beautifully curled variety somewhat resembling moss; dark green in color; quality fine. Packet, 5c; ounce, 20c; ¼ pound, 60c; pound, \$2.

EGG PLANT.

Sow the seeds in hot-beds or warm greenhouse in February or March. When the plants are two or three inches high transplant them (in three inch pots and plunge them, is best), and set them out in the open ground late in May or June, from two to three feet apart each way, according to the richness of the soil. It will thrive in any good garden soil, but will repay liberal treatment. One ounce of seed makes 1,000 plants.

BLACK PEKIN. The fruit of this handsome early variety is black, smooth and glossy, flesh white and very solid, fine grained and delicate. ¼ pound, \$1.50; ounce, 45c; packet, 5c.

NEW YORK IMPROVED. One of the best in cultivation and of fine quality. Fruit is large oval, deep purple, flesh white and tender. Our stock of New York Purple is not excelled by any. ¼ pound, \$1.75; ounce, 50c; packet, 5c.

GOURDS.

The Gourd is a tender annual and should not be planted till all danger from frost is over, and not less than six feet apart each way, in good rich loam. The following varieties will be found useful for household purposes, besides being very ornamental and serviceable as climbers.

For Ornamental Gourds see Flower Seed List.

DIPPER GOURD. Can be used for dippers, the handles being from 9 to 12 inches long, and they hold from a pint to two quarts. Very convenient for hot liquids, as the handle does not heat through readily. They are easily prepared and last for years. Packet, 5c.; ounce, 25c.; ¼ pound, 75c.

NEST EGG GOURD (JAPANESE NEST EGG). These resemble a hen's egg in color, shape and size. They do not crack, are uninjured by cold or wet, and make the best nest eggs. We have a very pure stock of this variety to offer this season, and can recommend it. Packet, 5c.; ounce, 30c.; ¼ pound, \$1.

SUGAR TROUGH or SAP BUCKET. Selected stock. Grows to a very large size, holds from 4 to 10 gallons each, having hard, thick shells, which are very strong, but light and durable, lasting for many years. They are used for a great variety of purposes, such as buckets, baskets, soap and salt dishes, nest boxes, etc., and have been used for packing lard. They are as easily grown as pumpkins. Packet, 5c.; ounce, 15c.; ¼ pound, 50c.

HERCULES CLUB GOURD. Grows from 4 to 8 feet long. Packet, 5c.

DISHCLOTH or LUFFA GOURD. A natural dishcloth, and a most admirable one, is furnished by the peculiar lining of this fruit, which is sponge-like, porous, very tough, elastic and durable. Many ladies prefer this dishcloth to any other. Packet, 5c.; ounce, 40c.

20c. One packet each of the above Gourds for only 20c., postpaid.

HORSE RADISH.

The best Horse Radish is produced from small pieces of roots, four or five inches in length. These small roots will produce good Radish fit for use in one season's growth. Plant the set small end down, where the slanting cut is, and so that the top will be two inches under the soil. The soil should be very rich and well cultivated. It is hardy, and may be left in the ground until spring before digging. It is best to plant it in some out of the way corner of the garden. A very profitable crop for market gardeners to grow. By mail (postpaid), dozen 20c., 50 for 60c., 100, \$1; by express (not paid) 100 for 75c.

HERBS.

Herbs in general delight in a rich, mellow soil. Sow the seeds early in the spring in shallow drills, one foot apart; when up a few inches thin out to proper distances or transplant. Care should be taken to harvest them properly.

Varieties with an * are perennials.

	pkt. oz.	pkt. oz.
Anise	5 10	Bene
*Balm	5 25	Bohnen Kraut.....
		5 15

	pkt. oz.		pkt. oz.
Borage	5 15	Pot Marigold.....	5
*Caraway	5 10	*Rosemary	5 50
Catnip or Catmint..	5 40	*Rue.....	5 30
Coriander	5 10	Saffron.....	5 15
Dill.....	5 10	Sage.....	5 15
*Fennel.....	5 15	Summer Savory.....	5 15
*Henbane.....	5 20	Sweet Basil.....	5 15
*Hop.....	10	Sweet Marjoram.....	5 25
*Horehound.....	5 35	*Tarragon.....	5 15
Hyssop.....	5	*Thyme.....	5 30
*Lavender.....	5 25	*Winter Savory.....	5 20
*Pennyroyal.....	10	*Wormwood.....	5 85

KOHL RABI—Turnip Rooted Cabbage.

When young and tender they are fine for table use; when matured they keep well and are excellent for feeding stock. For early use sow in hot-bed, transplant and cultivate like early cabbage. For winter use sow in the middle of June or the first of July in rows 18 inches apart, transplanting or thinning out to 8 inches in the row.

EARLIEST WHITE VIENNA. Excellent for forcing and of fine quality. Packet, 5c; ounce, 20c; ¼ pound, 60c; pound, \$2.

EARLY PURPLE VIENNA. An excellent sort largely grown for table use in Germany and Austria. Packet, 5c; ounce, 20c; ¼ pound, 60c; pound, \$2.

LEEK.

BROAD SCOTCH, or LONDON FLAG. An old standard hardy kind with large, strong plant, broad leaves. Packet, 5c; ounce, 10c; ¼ pound, 30c; pound, \$1.

LARGE MUSSELBURG (Carenton or Scotch Champion). A favorite market sort of enormous size, leaves large and broad, flavor very mild and pleasant. Packet, 5c; ounce, 15c; ¼ pound, 40c; pound, \$1.50.

MUSTARD.

Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like Spinach. Cultivate the same as Cress.

SOUTHERN GIANT CURLED. This mustard is very highly esteemed in the South, where the seed is sown in the fall, and the plants used very early in the spring as a salad. The seed is brown and produces plants which grow about two feet high and form enormous bunches. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 90c.

WHITE ENGLISH. The leaves are light green, mild and tender when young; seed light yellow. Packet, 5c; ounce, 10c; ¼ pound, 15c; pound, 50c.

BROWN OR BLACK. More pungent in flavor than the white. Packet, 5c; ounce, 15c; ¼ pound, 15c; pound, 50c.

BLOOMSDALE LARGE-LEAVED (Early). So named by reason of producing leaves when fully developed as long and broad as the largest Tobacco. The leaves when small are very tender and admirable as a salad. Packets, 5c and 10c; ounce, 10c; ¼ pound, 30c; pound, \$1.

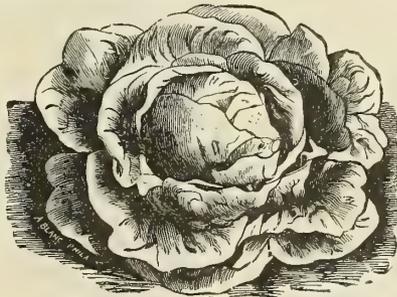
CREOLE (Early). A fine curled sort. It is quite ornamental in appearance. Packets, 5c and 10c; ounce, 10c; ¼ pound, 30c; pound, \$1.

LETTUCE.

The most used of all salads, is of easy culture, being almost free from all disease and insects. It requires rich, moist soil and clean cultivation. This will give the quick growth on which depends its appearance, tenderness and flavor. For early spring use, sow in a seed-bed in September or October, and protect through the winter with cold frames, or in the South with leaves or litter, or sow in a hot-bed in early spring; as soon as the ground can be well worked transplant in good rich ground, to rows 18 inches apart, and 8 to 10 inches in the rows. For a later supply plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance. If sown outside to be cut young, sow thickly in drills or broadcast; but if strong fine heads are desired sow in drills ¼ inch deep, 18 inches apart, and thin, rather than transplant, to 12 inches apart in the rows. One ounce of seed for 2,500 plants.

BUTTER CUP.

A new German variety recently introduced. The plant is very distinct and attractive, the leaves are of a beautiful yellow color and very sweet and tender. The plants are vigorous, but do not run to seed until very late, remaining in condition for use the longest



of any variety. Packet, 5c; ounce, 15c; ¼ lb, 20c; lb, 75c.

IMPROVED HANSON. None more reliable for out-door cultivation. In ground well manured and cultivated, the heads grow to a remarkable size, resembling that of a flat cabbage, and so slow to run to seed. The outer leaves are bright green, the inner leaves white and deliciously sweet, tender and crisp, free from any bitter unpleasant taste. Packet, 5c; ounce, 15c; ¼ pound, 20c; pound, 75c.

SILVER BALL. This is one of the best ALL THE YEAR ROUND Lettuces we know of. The heads are silvery white, very firm and compact, with beautifully curled leaves. Packet, 5c; ounce, 15c; ¼ pound, 25c; pound, \$1.

DENVER MARKET. An early variety of Head Lettuce, either for forcing or open ground. It forms large solid heads of a good light green color. 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 other kinds of Lettuce. Packet, 5c; ounce, 15c; ¼ pound, 25c; pound, \$1.

TENNIS BALL BLACK SEEDED. A favorite hard head forcing variety. Largely used in hot-beds, cold frames and greenhouses. Packet, 5c; ounce, 15c; ¼ pound, 25c; pound, \$1.

YELLOW SEEDED BUTER. This is a very distinct sort, making a large dense yellow head, of a very handsome appearance, very crisp and tender, and excellent in flavor; heat resisting. Packet, 5c; ounce, 15c; ¼ pound, 50c; pound, \$1.50.

EARLY CURLED SILECIAN. One of the oldest and earliest for out-door planting. Packet, 5c; ounce, 15c; ¼ pound, 25c; pound, \$1.

BOSTON CURLED. A very beautiful and distinct variety. Plant looks like a bunch of moss; good quality. Packet, 5c; ounce, 15c; ¼ pound, 20c; pound, 75c.

BLACK-SEEDED SIMPSON (CURED). This is a very popular sort among our home gardeners. It forms a large, loose head; its nearly white leaves are large, thin, exceedingly tender, and of very good quality. It is one of the very best sorts for the frame or hot house, as well as for early out-door planting. It is not so good for shipping as Grand Rapids. Packet, 5c.; ounce, 15c.; ¼ pound, 20c.; pound, 75c.

EARLY CURLED SIMPSON. Does not head, but forms a compact mass of curly leaves of a yellowish green. It matures earlier than the firm head sorts, hence is very generally grown in cold frames, also for an early outside crop. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 75c.

DEFIANCE SUMMER (PERPIGNAN). Unequaled for long standing. One of the finest large growing cabbage lettuces. It forms very large, solid heads, so firm that they have to be cut open to allow the flower heads to come through. The leaves are light green. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, \$1.

TOMHANSOCK. Forms a beautiful plant, 10 to 20 inches high by 9 to 12 inches across. The edges of the outer leaves are of a glossy reddish bronze; handsomely wrinkled; leaves white, very crisp and tender. Packet, 5c.; ounce, 10c.; ¼ pound, 30c.; pound, \$1.

EARLY WHITE CABBAGE. Very tender; large, solid greenish white heads; stands heat extremely well. Packet, 5c.; ounce, 15c.; ¼ pound, 40c.; pound, \$1.25.

PHILADELPHIA BUTER or EARLY WHITE HEAD. A thick-leaved, smooth lettuce, round, dark green leaves formed into a very solid, round head, stands a long time without running to seed. The inner leaves blanch a rich yellow; quality first-class. Packet, 5c.; ounce, 15c.; ¼ pound, 40c.; pound, \$1.25.

MELONS—MUSK.

A rich, sandy soil is most desirable for melons. The seed should be planted, when the ground has become warm, in hills six feet apart each way. Old, well-rotted manure should be thoroughly mixed with the soil in each hill; put six to ten seeds in the hill; finally, when the danger from insects is past, leave three or four of the strongest plants only. If the plants grow very rank, the tips of the leading shoots should be pinched off when about three feet long; also, if the fruit is excessive they may be thinned out, which will cause the melons to ripen earlier and will increase the size of the fruit. Melons may be forced like cucumbers, and the practice is growing in favor annually among melon men, as the method becomes better understood and on account of the large profits gained by having home-grown melons in the market some days ahead of the outside planting. Cultivate thoroughly and often to keep down the weeds and bugs. One ounce of seed for 60 hills; 2 to 3 pounds for an acre.

LARGE GREEN NUTMEG. Round; large size; green flesh. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 75c

BALTIMORE NUTMEG. Cantaloupe. Has a beautiful heavily netted green skin; of good size; oval, drawn slightly to a point at stem and slightly ribbed; flesh thick, green, very finely flavored, smooth and sweet; very productive and never bursts open at blossom end. Select stock—Packet, 5c; ounce, 10c; ¼ pound, 35c; pound, \$1.25. Ordinary stock—Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 80c.

EXTRA EARLY CITRON (FIRST IN MARKET). The largest of the very early cantaloupes; form half flat, fairly webbed, flesh green. The merit of this sort consists in its extra early habit. A variety which, for its early maturity, will be found profitable by all market gardeners. Packet, 5c; ounce, 10c; ¼ pound, 20c; pound, 75c.

EXTRA EARLY CAPE MAY. A very early and large round cantaloupe or musk melon of nutmeg and quality

most excellent and exceedingly productive; fruit deeply ribbed and heavily netted, flesh deep green, tender, juicy, very sweet; foliage very small and distinct and proof against sunshine. Packets, 5c and 10c; ounce, 10c; ¼ pound, 20c; pound, 75c.

THE BANQUET. Obtained by years of careful selection and improvement at the hands of the largest and most experienced growers of melons in the world; medium in size, very beautifully netted; quality very good; flesh uniformly deep; color dark, rich salmon. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 75c.

NEW ORLEANS MARKET. A large species of nutmeg class, extensively grown for and preferred to all other varieties in the New Orleans market. It is large in size, very roughly netted and of luscious flavor; green fleshed. Cannot be excelled for growing South. Our seed is grown from stock secured from the best New Orleans source. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 75c.

GIANT CHICAGO. It is one of the very sweetest, large and very productive; decidedly ribbed, extra well netted, with very thick green flesh; in shape about like New Orleans Market. Packet, 5c.; ounce, 10c.; ¼ pound, 30c.; pound, \$1.

CANNON BALL CANTALOUPE. A great favorite; a money maker for the grower. Since the introduction of Cannon Ball all eyes have been turned to it wherever seen. Almost perfectly round in shape; it is not ribbed like most varieties, but is completely covered with a heavy, dense netting, which adds greatly to the appearance. It is styled the handsomest cantaloupe that comes on the market. Of vigorous growth, quite prolific, it matures early, and is one of the best shippers we have ever found. The flesh is thick, of a very attractive light green color, and of rich, sweet flavor. The seed cavity is very small. The neat and attractive appearance of the fruit makes it one of the best cantaloupes for the South. The hot sun will not blister it. Packet, 10c.; ¼ pound, 65c.; pound, \$2.50.

EMERALD GEM. A GREAT FAVORITE. Medium size, nearly round; flesh a delicate light salmon color, very thick, fine grained and of most excellent flavor. The rind is thin, dark green, ribbed but not netted. While not quite as good a shipper as the Osage, it is undoubtedly one of the best for home use. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 75c.

MILLER CREAM. Ranks high as a market melon, either for home or shipping. The flesh is of rich salmon color, very sweet and melting, and is so thick that the melon is almost solid, the seed cavity being remarkably small. A strong grower and very productive; medium in size, and resembles the Osage very much, but is not quite so well netted or as large as our selection of Osage. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 85c.

CHAMPION MARKET. Almost a perfect globe in shape, and densely netted, making one of the handsomest melons known. Very uniform in size and shape (4 to 8 pounds). The flesh is thick, green in color, and of rich sweet flavor; very productive, frequently bearing seven perfect melons on a single vine, which mature quite early and ripen up finely. An excellent shipper. Packet, 5c; ounce, 10c; ¼ pound, 20c; pound, 75c.

EARLY GREEN FLESH NUTMEG. The oldest nutmeg of all, and one of the very best; highly scented, thick and sweet, and finely flavored; of medium size and quite early. Packet, 5c; ounce, 10c; ¼ pound, 20c; pound, 75c.

WATERMELONS.

Our prices includes the payment of postage by us; if ordered by express 8 cents a pound may be deducted from price quoted. It is useless to say anything about the culture of melons, as everybody, we presume, have raised melons and understand the treatment, which is simple. Like all other crops, good culture is of very great importance if you would be a successful grower.

NAME OF MELON.	Per Oz.	Per lb.
Phinney's Early. A first-class extra early of medium size.....	10	20 60
Vick's Early. Extra early, oblong, skin varies in color.....	10	20 50
Dark Icing, or Ice Rind. Of round form, sugary flavor Florida Favorite. An oblong melon of fine flavor.....	10	20 85
Girardeau's New Favorite. An improved Florida Favorite.....	10	25 75
Pride of Georgia. Round in shape, skin striped.....	10	25 70
Seminole. Similar to Jordan's Gray Monarch.....	10	25 70
Ice Cream, or Peerless. True white seeded, oblong, luscious.....	10	20 50
Red-Seeded Vacluse. Of elongated egg-shape, superb quality.....	10	25 75
Kolb's Gem. The great market melon, carries well, 10 pound lot 40c.....	10	20 50
The Boss. A fine oblong melon, of small size, good flavor.....	10	20 50
Striped Gypsy, or Georgia Rattlesnake. A large, oblong melon.....	10	20 55
The Jones. A great favorite in the South, rich flavor.....	10	25 75

Each of the above Watermelons 5c per packet. Write us for prices on 5 and 10 pound lots.

DUKE JONES—New.
A new strain combining all the good qualities of Kolb's Gem, being a good shipper and one of the best yielders ever introduced. Twelve cars of Duke Jones, shipped by an extensive grower last season, averaged 40 pounds to the melon; 850 melons to the car, average car weighed 32,000 pounds. Packets, 10c; ounce, 20c; ¼ pound, 60c; pound, \$2.

GONZALES, TEX., Nov. 27, 1893.—Dear Sir: In response to your letter I must let you know that the "Duke Jones" watermelon dit wat never any oter melon dit do wit me. I never hat such melons since I am in Texas; the ground vos literally covert vit melons. I hardly coult bot my foot down on the ground without stepping on a melon. I had the Improvet Tixie Plantet sid by sid, but wer ther vas one Tixie ther vas ten "Duke Jones" on the same space and all mellons like Beer Barelts. I am planting mellons now for 15 years, but I hat never suche crop in quantite or qualite. Danking you for the kindness of sending me the seed, I am,

Truly yours,
JOSEPH GRASSE,
Gonzales, Texas.

EARLY CALIFORNIA. This is a very popular market sort around Fort Worth. Quite early, very large and productive; the flesh is deed scarlet, remarkably solid; delicious sugary flavor, oval in shape; color light green and an excellent shipper; rind very tough. Packet 5c; ounce, 10c; ¼ pound, 25c; pound, 75c.

GRAY MONARCH. (JORDAN'S). Long, large, heavy, flesh solid, deed red and of good flavor. Packets, 5c and 10c; ounce, 10c; ¼ pound, 25c; pound, 75c.

OUR SUPERIOR ONION SEED.

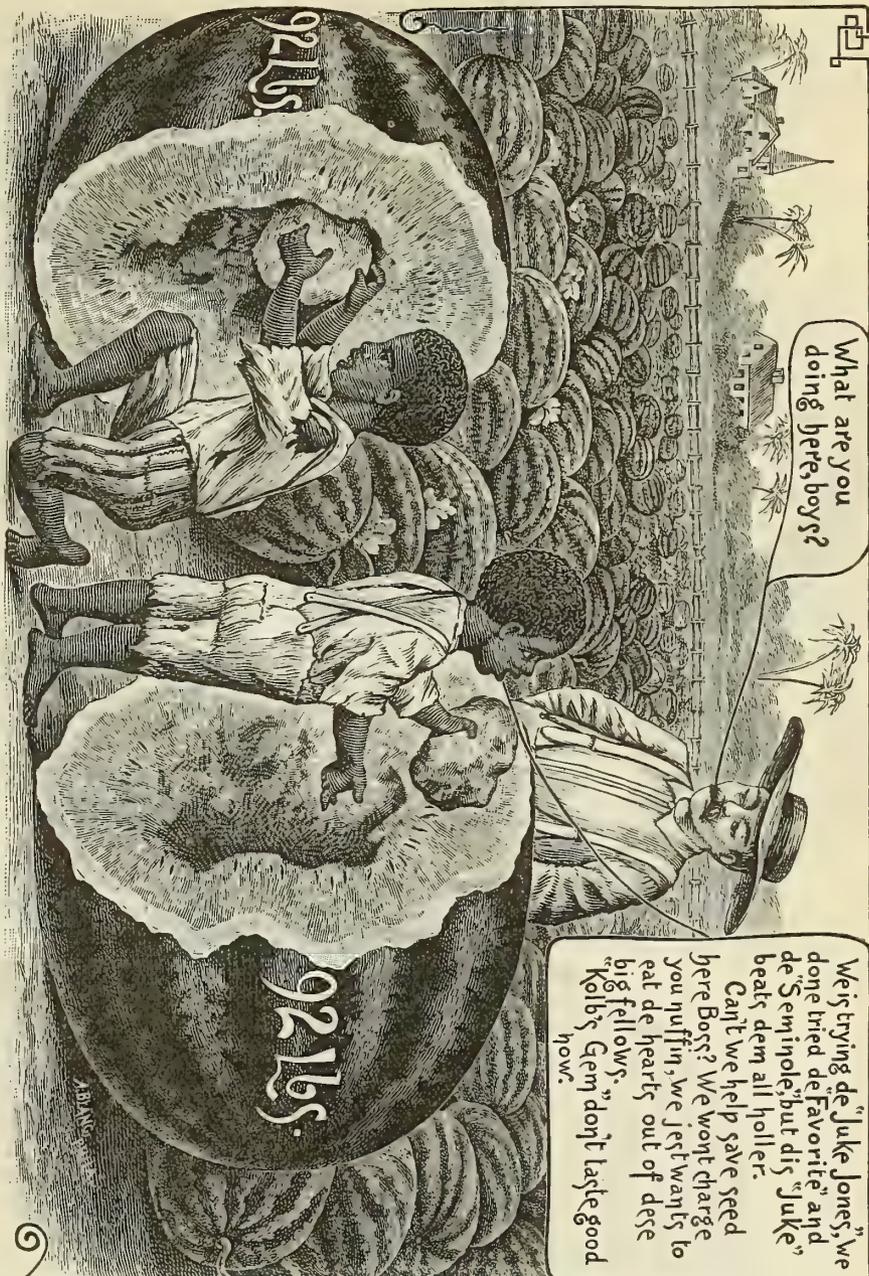
We have always taken great pride in our onion seed and have spared no pains in having the best strains. We are in position to fully appreciate the necessity there is for using great care in the selection of seed. There is no crop which depends more upon the quality of seed. The seed we offer are grown by experienced growers, and we are sure are not surpassed anywhere, and are thoroughly tested for vitality before they are sent out. They are sure to grow where soil and season are favorable, and will produce large-sized, well-shaped onions, free from stiff necks.

Beware of cheap onion seed. We could easily purchase onion seed that could be sold for 50 per cent less than our prices, but it would prove a very expensive investment to the buyer in the outcome. We aim to sell at as reasonable prices as any first-class seed can be sold.

Write for special prices of five pounds or over, of one or more kinds wanted, naming the quantity of each.

We offer special inducements to those wanting a Seed Drill or Cultivator in connection with onion seed.

FULL-SIZED ONIONS THE FIRST YEAR. The seed we offer will grow full-sized onions the first year. To do this they should be sown as soon as possible in the spring, no matter if the weather is cold, so the soil works up well. This gives them a good start ahead of the weeds and before dry,



What are you doing here, boys?

We is trying de "Duke Jones", we done tried de "Favorite" and de "Semihole" but dis "Duke" beats dem all holler. Can't we help save seed here Boss? We wont charge you nuffin, we jett want to eat de hearts out of dese big fellows.' Kolb's Gem dont laste good how.

hot weather sets in. Sow thinly, 4 or 5 pounds to the acre, in drills one foot apart, and about ¼ inch deep, in strong land, well manured, and thin them out to stand 3 or 4 inches apart in the drill, keeping them well hoed and free from weeds; for this purpose the Red Wetherfield and either of the Yellow Danvers are usually preferred. Onions delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

FALL SOWING. Seed can be sown in August and September, in drills wide enough apart to admit of working; when the plants have grown of sufficient size to be fit for table use, thin out to 4 inches apart, to secure a crop of large onions. This plan works admirably in Texas, but will not prove successful where the ground freezes deeply or is subject to constant changes of temperature in spring.

FOR SETS, sow the seeds in drills as early as possible in the spring, very thickly—40 to 60 pounds to the acre. As soon as the tops dry off in summer, remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills 12 inches apart and about 4 inches apart in the drills; the onions, by this process, are obtained of a large size early in the season.

ROUND WHITE SILVER SKIN. This is uniformly small, round and handsome, with an opaque white skin, which does not turn green upon exposure to the sun. They are compact and hard, but at the same time crisp and brittle, making them one of the best pickling onions ever introduced. Packet, 5c.; ounce, 15c.; $\frac{1}{4}$ pound, 75c.; pound, \$2.75.

EXTRA EARLY PEARL. ("BLOOMSDALE," "WHITE ETNA.") A very fine and very early variety. The bulbs, when well grown, are very large, round, flattened, with a



WHITE PEARL.

delicate pure white skin; flesh very mild and pleasant in flavor. Packet, 10c.; ounce, 25c.; $\frac{1}{4}$ pound, 70c.; pound, \$2.50.

GIANT ROCCA. An immense onion. Light brown skin, globular in form, flesh tender and mild. It will produce an immense onion from seed the first season. To attain the largest growth the smallest bulbs should be set out the next spring, when they will continue increasing in size instead of

producing seed, as is the case with the American varieties. Packet, 5c.; ounce, 20c.; $\frac{1}{4}$ pound, 65c.; pound, \$2.25.

MAMMOTH POMPEII. (RED GARGANUS, COPPER KING.) This is a very fine Italian variety. It has produced onions weighing four or five pounds each. The skin is a delicate red, flesh close grained and nearly white, and of very mild flavor. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 75c.; pound, \$2.75.

EARLY RED GLOBE. This is a very handsome variety; it matures very early, keeps well, skin deep red; flesh fine grained, flavor mild and tender. Packet, 5c.; ounce, 15c.; $\frac{1}{4}$ pound, 60c.; pound, \$1.65.

LARGE BERMUDA RED. This is not the Bermuda Island Onion, but a fine selection of the large red. It is perfect in shape, not so flat as Large Wethersfield; an abundant producer; in color, dark red, mild-flavored, moderately fine grained. Will grow 15 inches in circumference in one season from the seed if sown early and well cultivated; one of the very best keepers. Packet, 5c.; ounce, 15c.; $\frac{1}{4}$ pound, 60c.; pound, \$2.

YELLOW DANVERS GLOBE. Extensively grown as a main crop in many sections of the country; of beautiful golden color; bulb medium large, quite early, THICK, bottom nearly flat, top oval, with small neck; very prolific and a first-class keeper. The strain we offer of this popular variety cannot be excelled. Packet, 5c.; ounce, 25c.; $\frac{1}{4}$ pound, 50c.; pound, \$1.75.

RED MAMMOTH TRIPOLI. Similar in size and shape to the Giant White Tripoli. Skin thin and of rich blood-red color; flesh white, fine grained, mild and pleasant; of quick growth, immense size. Packet, 5c.; ounce, 20c.; $\frac{1}{4}$ pound, 50c.; pound, \$1.75.

Buyers of Five Pounds of ONION SEED, or over, should write for our Special Inducements.

MAMMOTH SILVER KING ONION. Of attractive shape, with silvery-white skin and flesh of a most agreeable mild flavor. It matures quite early and reaches a much larger size than any other of the flat white varieties, frequently measuring twenty inches in circumference and weighing from three to five pounds when well grown. We have sold this onion for the past seven years, and as our trade is annually increasing on it, we do not hesitate to recommend it as one that is SURE TO PLEASE THE GROWER. Packet, 10c.; ounce, 25c.; $\frac{1}{4}$ pound, 75c.; pound, \$2.50.

LARGE RED WETHERSFIELD ONION. For general purposes the country over, no variety is so largely grown. Large-sized, somewhat flattened, skin deep purplish red, very productive, and the best keeper. Price, postpaid, packet, 5c.; ounce, 15c.; $\frac{1}{4}$ pound, 50c.; pound, \$1.60.



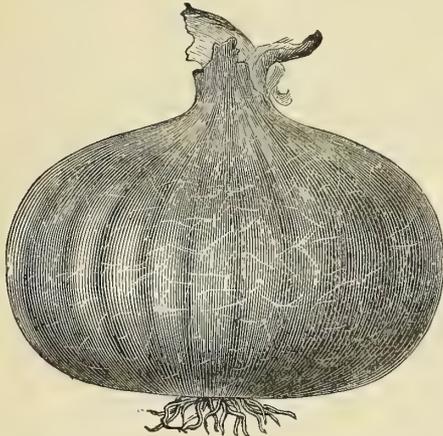
MAMMOTH SILVER KING.

ONION SETS.

Price at
END
of
LIST.



WHITE MULTIPLIERS. 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. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other onion sets.



LARGE RED WETHERSFIELD ONION.

WINTER or EGYPTIAN TREE ONION. When once set out it grows for years without any protection or care, except to keep down the weeds. It starts so early in the spring that it is ready for use a long time before any other onions can be had. It is mild flavored, sweet and tender. They form no large bulbs, but divide and grow as many as fifteen to twenty small onions in one bunch. Desirable for family use, and VERY EARLY AND PROFITABLE FOR THE MARKET GARDENER.

Onion Set Prices. Prices are based on the present market rates, and are subject to change, according to the market, without notice. The market fluctuates very much, hence we do not care to make a fixed price. Lowest market prices on small or large quantities will be given on application at any time. At bushel, peck and half-peck prices THE BUYER pays the express or freight; at pint and quart prices we pay the postage.

	Pt.	Qt.	Pk.	½Pk.	Bus.
White Multiplier.....	.20	.35	.75	\$1.25	\$4.00
Top Sets, or Buttons.....	.25	.45	.65	1.20	4.75
White Bottom Sets.....	.20	.35	.65	1.00	3.50
Yellow Bottom Sets.....	.20	.30	.50	.85	3.00
Red Bottom Sets.....	.20	.30	.50	.85	3.00
Egyptian Sets.....	.25	.45	.60	1.00	4.75

Bottom Sets are sold by measure; Top Sets and Potato Onions by weight, 28 pounds for a bushel.

OKRA OR GUMBO.

DWARF. Early and abundant bearer. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 75c.

WHITE VELVET. Decidedly the best of all. It is very distinct in appearance, and, unlike other varieties, the pods are not ridged, but are perfectly round, smooth, and of an

attractive white, velvety appearance. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 90c.

PARSNIP.

One ounce to 200 feet of drill, five or six pounds for an acre. **LARGE SUGAR OR HOLLOW CROWN.** (IMPROVED GUERNSEY.) The best variety in cultivation for general use. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

PUMPKIN.

Pumpkins are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner, though on a larger scale. One ounce for 15 hills, one pound for an acre.

MAMMOTH TOURS. A productive French variety, which grows to an immense size, often weighing over 100 pounds. Grown for cattle and table use. Packet, 5c.; ounce, 10c.; ¼ pound, 30c.; pound, \$1.

MAMMOTH ETAMPES. (BRIGHT RED) This giant variety from France is quite celebrated, and has been grown in this country to enormous size; it is of a bright glossy red color, a splendid variety to grow for exhibition purposes. Packet, 5c.; ounce, 15c.; ¼ pound, 40c.; pound, \$1.50.

LARGE COMMON YELLOW FIELD. "Cow Pumpkin." Grown principally for feeding stock. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 40c.

TENNESSEE SWEET POTATO PUMPKIN. Excellent for pies; pear-shaped; medium size; flesh and skin creamy white, fine grained; sweet and delicious; first-rate keeper. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 75c.

SMALL SUGAR. Very prolific, about ten inches in diameter; deep orange-yellow; fine grained; sweet, and keeps well. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 50c.

NEW JAPANESE. Crook-neck variety with extremely small seed cavity; nearly all solid meat; quality extra fine. Seeds distinct in appearance, being curiously sculptured in the manner of Chinese letters. Productive; ripens early; medium size; good keeper. Flesh a rich salmon, unusually fine grained; when cooked or stewed is dry and mealy. Easily cut and dried like apples, and make excellent pies or sauce for winter use. Packet, 5c.; ounce, 10c.; ¼ pound, 30c.; pound, \$1.

PARSLEY.

Parsley is used for seasoning soups, meats, etc., for salads and garnishing, a so for an ornamental border for the flower garden; it succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in the spring, in rows one foot apart; sow thick and cover half an inch deep, finely thin to five or six inches in the row, or transplant and cut back frequently. One ounce for 150 feet of drill.

FINE DOUBLE CURLED. A fine dwarf variety, Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 75c.

EXTRA CURLED EMERALD. Distinct from other varieties, being a lighter shade of green. The plant is dwarf, with leaves finely cut and curled. Packet, 5c.; ¼ lb, 25c.; lb, 85c.

PLAIN. The leaves are plain; it is harder than the curled. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 65c.

PEAS.

Peas mature earlier in a light, rich soil; for a general crop, a rich, deep loam, or inclining to clay would be best. They thrive better if the ground has been manured for a previous crop, but if the ground is poor and requires manuring, use well rotted manure. For the dwarf varieties you can hardly make the soil too rich. When grown for a market crop they are never stalked, but are sown in single rows one inch apart and three inches deep, the rows from three to four feet apart, according to variety or soil. When grown in gardens they are sown in double rows, six or eight inches apart, the tall ones requiring brush, which is stuck in be-



FIRST IN THE MARKET.

tween the rows. Commence sowing the early varieties as early as the ground can be worked in the spring, and continue for a succession every two weeks up to June, discontinuing until the middle of August, when a good crop can be secured by sowing the extra early and early sorts. They should be kept clean with the cultivator or hoe, and earthed up twice during growth. Wrinkled varieties are not as hardy as the small, hard sorts, and if planted early should have dry soil or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. One quart sows 80 feet of drill; two to three bushels to the acre.

Remember that we pay the postage on peas at the prices quoted.

Large Packets.—Customers write us that our packets contain more seed than others.

Quart and Pint Prices include postage; if to go by express at buyer's expense, deduct 15c. per quart, or 8c. per pint from the prices below.

Bushel and Peck Prices—See special page at the end of this list.

FIRST IN MARKET PEAS. Earliest of all the very early peas. It means first peas in market and first money to every one who grows from this stock for market purposes. It is very profitable for the gardener and shipper, because it is very early, ripens uniformly, so that all the pods may be picked within seven weeks from the time of planting, and that at one picking. No brush or other support is required, as they seldom, under any circumstances, grow to exceed twenty inches in height. The pods are handsome, straight, and full of medium sized round peas of first-rate quality, and it is immensely productive for so early a variety. We have been carefully looking into the real early pea subject and testing the various "strains" and "brands" on the market for years, until we are convinced, as well as all our customers who have given them a trial, that First in Market leads all. Our grower, who is a pea expert, is located as far north as the pea can be grown to perfection. The climate of this latitude, we find, forces a quick, vigorous growth of pod and no useless foliage, and gives the stock decided advantage over that grown in the large pea growing sections. We make the price low, that all may try it. Price, postpaid: Packet, 10c.; pint, 20c.; quart, 40c. Price per bushel and peck will be found at the end of the Vegetable Seed List.

AMERICAN WONDER. This variety LEADS ALL DWARFS in point of earliness, productiveness, flavor and quality, and is THE EARLIEST large green wrinkled pea in cultivation. It



is of dwarf and robust habit, growing about ten inches high and produces a profusion of good-sized and well-filled pods, fairly packed in, of the finest flavored peas. Ours is the True Bliss Stock, and will please the most critical. Packet, 10c.; pint, 20c.; quart, 40c.

McLEAN'S LITTLE GEM. A gem indeed. Dwarf green, wrinkled variety, twelve to fourteen inches high, prolific and of very superior flavor. Packet, 10c.; pint, 20c.; quart, 40c.

EXTRA EARLY PREMIUM GEM. Very fine dwarf pea of Little Gem type, on which it is a decided improvement; larger pods, more productive. Best and most profitable Early Wrinkled Pea for market gardeners, and for family gardens there is none better. Packet, 10c.; pint, 20c.; quart, 40c.

LANDRETH'S EXTRA EARLY. The well-known early variety. Height 2½ feet. Packet, 10c.; pint, 20c.; quart, 40c.

KENTISH INVICTA. About five days later than the Daniel O'Rourke, pods of a fine green color, very prolific and of excellent flavor. One of the best for canning, and a good general market variety. Packet, 10c.; pint, 20c.; quart, 40c.

BLUE BEAUTY PEA. Its distinctive feature is its unusually regular habit of growth. Height 1¾ feet. It is a blue, round pea, and is nearly as early as the American Wonder. Pods of medium size, borne in the greatest profusion, and are well filled for so early a pea. In quality and flavor, Blue Beauty cannot be surpassed. Price (postpaid): Packet, 10c.; pint, 25c.; quart, 40c. By express (not paid): Quart, 25c.; 5 quarts, \$1; peck, \$1.50.

NEW ALASKA. This beautiful blue market pea has become a standard variety, and is the earliest of all blue peas, proving to be not only several days earlier than the most early sorts, but of larger size and 10 per cent. more productive. The vines are dwarf, growing only about twenty inches high, very uniform, maturing the crop for one picking, of excellent quality, and retains its desirable color after cooking. Packet, 10c.; pint, 20c.; quart, 40c.

We can supply the following well-known varieties at the uniform price of 10c package, 20c pint, 40c quart: Alpha, Tom Thumb, Blue Imperial, Blue Peter, Rural New Yorker, Yorkshire Hero.

MEDIUM EARLY SORTS.

ABUNDANCE. Plants half dwarf, fifteen to eighteen inches high, pods large size, containing six to eight wrinkled peas of excellent quality. It ripens second early. Sow the seed much thinner than usual, six inches apart being the proper distance, as it has a remarkable tendency to branch. Packet, 10c.; pint, 20c.; quart, 40c.

EVERBEARING. A new variety, maturing soon after the Gem, and continuing a long time in bearing. Vine stout, about eighteen inches high, bearing at the pod six or ten broad pods. Peas wrinkled, large, cook quickly, and very tender; superior flavor, although they are not quite so sweet as some. Packet, 10c.; pint, 20c.; quart, 40c.

McLEAN'S ADVANCEE. A green, wrinkled variety, about 2½ feet high, with long pods, which are abundantly produced and well filled to the end. About the best second-early on the list; excellent flavor, a favorite with canners; a good one for market gardeners, as it comes in close after First in Market. Packet, 10c.; pint, 20c.; quart, 40c.

MEDIUM LATE SORTS.

TELEPHONE. In season about midway between First in Market and White Marrowfat. Green, wrinkled; height 3½ feet, productive, pods unusually large size, elegant shape, slightly curved, well filled with peas of large size; a great favorite with our local gardeners. Packet, 10c.; pint, 25c.; quart, 45c.

STRATAGEM. Half dwarf, green, wrinkled, two feet, vigorous branching habit, leaves unusually large size. Under favorable conditions an enormous cropper. Pods long, filled with from seven to nine peas of enormous size. The only fault this tree has is its tendency to sport somewhat, but we think our stock is as pure as any that is offered. Packet, 10c.; pint, 25c.; quart, 45c.

PRIDE OF THE MARKET. Vines medium height, stiff, bearing at the top, generally in pairs, a good crop of very large, dark green cobs, well filled with large peas of good flavor. This has become very popular on account of its handsome pods. Packet, 10c.; pint, 20c.; quart, 40c.

CHAMPION OF ENGLAND. Universally admitted as one of the best peas grown, delicious flavor, profuse bearer of immense pods filled with very large, green, wrinkled peas; height, about four feet. Packet, 10c.; pint, 20c.; quart, 40c.

TELEGRAPH (LONG ISLAND MAMMOTH). A strong grower, producing large pods containing ten to twelve peas in each one. Peas when cooked are of a deep green color and of very fine flavor. Packet, 5c.; pint, 20c.; quart, 35c.

LARGE BLACK-EYED MARROWFAT. An excellent variety, either for garden or field; grows about four feet high, with large and well filled pods. A popular market variety. Packet, 5c.; pint, 20c.; quart, 35c.

DWARF WHITE MARROWFAT. One of the oldest varieties in cultivation, and a favorite market sort, and well liked by farmers who want a late white pea; of excellent quality. Quart, 30c.; pint, 15c.; packet, 5c.

EDIBLE PODDED SORTS.

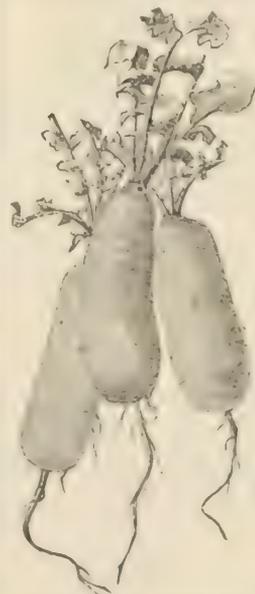
DWARF SUGAR (GRAY SEEDED). Grows about two feet high, productive, seeds large and shriveled, pods broad, flat, crooked, and contain five or six peas. Packet, 5c.; pint, 20c.; quart, 40c.

RADISH.

All the varieties thrive best in a light sandy loam. For early use, sow in the hot bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September for a succession; they must grow rapidly to be crisp, mild and tender. One ounce sows 100 feet of drill; 8 to 10 pounds for an acre.

EARLY SCARLET GLOBE. One of the earliest and best varieties for forcing; its color is very handsome; flavor mild; crisp and juicy, stands a great amount of heat without becoming pithy; good for garden culture. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 75c.

EARLY SCARLET TURNIP. Very early and in great demand for home consumption. Small, round, with a short top; delicate in flavor; good for summer use; will grow three inches in diameter if allowed to stand long enough. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 55c.



CHINA ROSEWINTER.

ounce, 10c.; ¼ pound, 20c.; pound, 55c.

SCARLET TURNIP, White Tip. Very handsome, bright scarlet color, white tips. Many gardeners make a sowing of this every two weeks all summer; its fine appearance attracts customers, and its quality always pleases, causing a constant demand. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

EARLY WHITE TURNIP. Pure white in color, with a small top; flesh pure white and semi-transparent. Is a few days later than the Early Round Dark Red. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb 55c.

FRENCH BREAKFAST. A variety of quick growth. Very mild and tender; one of the best for forcing. Oval form, scarlet tipped with white. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 55c.

WHITE STRASBURG. The roots are of handsome oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender. The seed can be planted throughout the summer, and fine, large roots will be rapidly formed. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

EARLY ROUND DARK RED. The shape is the same as that of the Early Scarlet Turnip, and it differs only in the skin being darker in color, and making smaller tops. Largely used for forcing around New York City. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 55c.

NON PLUS ULTRA. (Deep Scarlet Forcing Turnip.) By far the smallest topped and earliest forcing radish in cultivation. Roots small, round, deep rich scarlet; very crisp, tender, white flesh. It matures in 18 to 20 days, and the tops are so small a large number can be grown in a single bed. Packet, 5c.; ounce, 15c.; ¼ pound, 35c.; pound, \$1.

EARLY FIRE BALL. Very pretty little fire-red radish, round in shape; small tap root; small top; preferred by many for early forcing. Resembles Non Plus Ultra in size and shape. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 80c.

WOOD'S EARLY FRAME. But few growers are aware of the fact that this is over ten days earlier than the Long Scarlet, which it very much resembles, although not quite so long. An excellent variety for forcing. Packet, 5c; ounce, 10c; ¼ pound, 20c; pound, 55c.

ROSY GEM. One of the earliest; perfectly globular; color rich, deep scarlet at the top, blending into pure white at the bottom; exceedingly tender, crisp and delicious; equally desirable for either the market or the home garden. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 75c.

BECKETT'S IMPROVED CHARTER. Decidedly distinct in appearance from any radish in cultivation, the color at the top being crimson, running into pink about the middle, and from thence downward it is a pure waxy white. Packet, 5c; ounce, 10c; ¼ pound, 20c; pound, 60c.

PEPPERS.

Peppers should be started in a hot bed or cold frame and transplanted about the close of March in a sunny location, in rows about two feet apart each way. May also be sown in the open ground when all danger of frost is passed, and the weather has become settled and the soil warm, and transplant as above when the plants are three or four inches high. Some very rich fertilizer stirred into the soil when the plants are about six inches high will be found very beneficial to the crop. One ounce of seed for 1,500 plants.

LARGE BELL or BULL NOSE. An early variety of mild flavor. Packet, 5c; ½ ounce, 15c; ounce, 25c; ¼ pound, 75c; pound, \$2.50.

LARGE SWEET MOUNTAIN. Very large and excellent for mangoes. Packet, 5c; ½ ounce, 15c; ounce, 25c; ¼ pound, 75c; pound, \$2.50.

CAYENNE. For making Cayenne Pepper Sauce. Packet, 5c; ounce, 25c; ¼ pound, 75c; pound, \$2.75.

SWEET SPANISH. One of the largest and earliest varieties; the flesh is sweet and mild. Packet, 5c; ½ ounce, 15c; ounce, 25c; ¼ pound, 75c; pound, \$2.75.

GOLDEN QUEEN. This is a very beautiful and very large variety. In short, it is a Ruby King in every particular except in color. Packet, 10c; ounce, 30c; ¼ pound, \$1; pound, \$3.50.

MAMMOTH RUBY KING. Of immense size, and the mildest of all varieties. Ordinarily they grow four to six inches long, by three to four inches thick. When ripe they are of a beautiful, bright, ruby red color, and are always remarkably mild and pleasant to the taste. They can even be sliced and eaten with pepper and vinegar (like tomatoes or cucumbers), and make a very pleasant and appetizing salad. The plant is of sturdy, bushy habit, and each plant produces from six to twelve handsome fruits. They should not be grown near the hot varieties or they will partake of their fiery nature. Choice seed: Packet, 10c, ½ ounce, 15c; ounce, 30c; ¼ pound, \$1; pound, \$3.25.

RHUBARB SEED.

VICTORIA. Packet, 5c; ounce, 15c; ¼ pound, 50c.
RHUBARB ROOTS. By mail, postpaid, each, 25c; four for 75c.

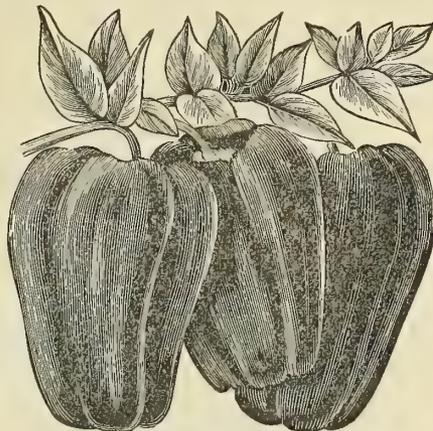
SPINACH.

ROUND SUMMER. A standard sort. Packet, 5c; ¼ pound, 15c; pound, 40c.

BLOOMESDALE. A decided improvement. The earliest variety, of upright growth, fine, large, tender, savoyed leaves. Ounce, 5c; ¼ pound, 15c; pound, 40c.

SALSIFY VEGETABLE OYSTER.

MAMMOTH. (Sandwich Island.) A very large and superior variety; mild and delicately flavored. Packet, 5c; ounce, 15c; ¼ pound, 40c; pound, \$1.50.

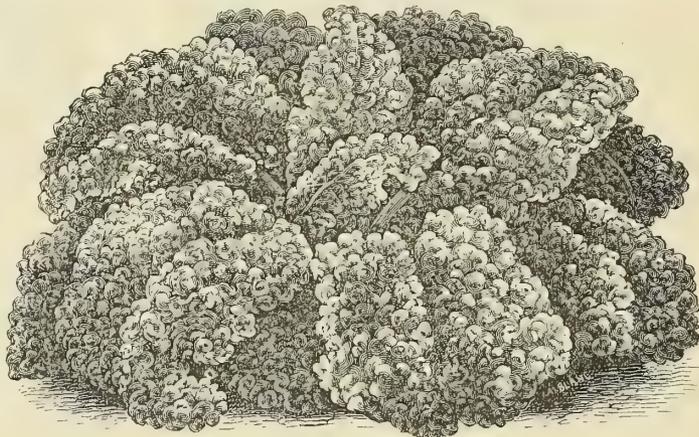


MAMMOTH RUBY KING.

SQUASH.

SUMMER CROOKNECK BUSH. A beautiful bright yellow summer crookneck. Always commands good prices. Packet, 5c; ounce, 10c; ¼ pound, 30c; pound, 75c.

MAMMOTH WHITE BUSH SCALLOP. This excellent large strain is earlier than the common stock, and the creamy white squashes average at least double the size; is a continuous bearer from early in the season till late in the fall. A splendid variety for the market and the best of all for the



TRUE AMERICAN SAVOY SPINACH.

Southern shipper. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 85c.

WHITE BUSH SCALLOP ("Patty Pan, Cymbliinn"). Best known of all summer squashes; very productive; pure white; used when young and tender. Packet, 5c.; ounce, 10c.; ¼ pound, 20c.; pound, 60c.

TRUE HUBBARD. Generally considered the best winter squash grown; flesh dark yellow, fine grained, dry and sweet; very hard shell; will keep until spring; very productive. We offer a very carefully grown stock. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 75c.

PIKE'S PEAK or SIBLEY. An improvement on the Hubbard. Shell smooth, thin and of a pale green color; flesh thick, solid, deep orange color, very dry, of fine grain and delicate flavor; they weigh from 9 to 11 pounds, and are excellent keepers. Packet, 5c.; ounce, 10c.; ¼ pound, 25c.; pound, 75c.

TOMATO.

Our Tomato seed is grown for us, and can be relied on as being pure and reliable.

THE MIKADO or TURNER HYBRID. This new variety, also called the \$1,600 Tomato, originated in Iowa, and is entirely distinct from all known varieties. The foliage differs from other tomatoes, the large leaves being entire and not cut. It is a rank grower, with thick stalks, and enormously productive. The fruit is extra large in size, round,

smooth, very thick through and remarkably solid. The average weight of the tomatoes is from twelve to eighteen ounces. They ripen up evenly and are entirely free from core. They make the handsomest sliced tomatoes, and have been pronounced by all who have tried them unequaled in fine flavor and table qualities. The skin is thin but rather tough, consequently the tomatoes keep in fine condition much longer than most other varieties. Color is a deep brilliant red. Our stock has been carefully selected and is unsurpassed. Packet, 10c.; ounce, 30c.; $\frac{1}{4}$ pound, 90c.; pound, \$3.

DWARF CHAMPION. One of the most distinct and valuable tomatoes; dwarf and compact in growth, growing stiff and upright, with thick jointed stems, and foliage unlike any other. In form, color and size, the tomatoes resemble the Acme—very smooth and symmetrical in shape, ripening close around the stem. It is very productive, many stalks having the fruit crowded closely together on the branches for the length of fifteen inches. Packet, 5c.; ounce, 25c.; $\frac{1}{4}$ pound, 75c.; pound, \$2.50.



DWARF CHAMPION.

THE PONDEROSA. This has been extensively advertised by a brother seedsman. It is certainly a monster, many specimens taken from our patch this season weighing from one and one-half to two pounds each. We do not find the quality equal to some of the smaller sorts. A very shy seeder. Packet, 10c.; three packets, 25c.; ounce, 60c.

MITCHELL'S IMPROVED No. 1. This new tomato comes from Canada, having been originated by Mr. Mitchell, who is well known as the originator of the Canada Victor some years ago. In our tests the past two seasons we find it one of the best on trial, very early, smooth, beautiful red in color, and in quality hard to beat. It is a good one. Try it. Packet, 10c.; ounce, 40c.; $\frac{1}{4}$ pound, \$1.25; pound, \$4.50.

LIVINGSTON'S BEAUTY. A popular variety. The color is a glossy crimson, with a purple tinge; it grows in clusters of four and five, retaining its large size late in the season; very solid, with a tough skin, making it very desirable for shipping. Packet, 10c.; ounce, 25c.; $\frac{1}{4}$ pound, 75c.; pound, \$2.50.

MATCHLESS. A new variety, of large size and red color; grown quite extensively in some sections of New Jersey for shipping; the great objection being the deep indentation of the fruit around the stem. Packet, 10c.; ounce, 25c.; $\frac{1}{4}$ pound, 75c.; pound, \$2.50.

THE PEACH TOMATO. Almost identical with some forms of peaches, both in shape and color. The fruit is produced in clusters, is very solid, with red interior, and red, pinkish and green bluish on the outside skin, which can be easily peeled, like the skin of a peach. Vines compact in habit and very productive. For preserving, Peach Tomato is hard to beat. Packet, 10c.; ounce, 25c.; $\frac{1}{4}$ pound, 75c.

LIVINGSTON'S PERFECTION. This valuable variety comes from the same source as the Acme and Paragon. It is shaped like the Acme, larger, fully as early, perfectly smooth, blood-red in color, very solid and a heavy cropper. Packet, 5c.; ounce, 20c.; $\frac{1}{4}$ pound, 60c.; pound, \$2.

SELECTED EARLY ACME. Ripens evenly, of medium, uniform size, round, very solid, and of a pink purplish color; very productive, bearing until killed by frost. Packet, 5c.; ounce, 20c.; $\frac{1}{4}$ pound, 60c.; pound, \$2.

LIVINGSTON'S FAVORITE. An early variety; somewhat smoother than the Paragon. Does not crack after ripening; is of a darker red than the Perfection, and is larger than either. Packet, 5c.; ounce, 15c.; $\frac{1}{4}$ pound, 60c.; pound, \$2.

TROPHY. This well known variety has become a favorite family and market tomato; large size, fine flavor, fruit solid. Packet, 5c.; ounce, 25c.; $\frac{1}{4}$ pound, 75c.; pound, \$2.50.

VINELESS SWEET POTATOES.

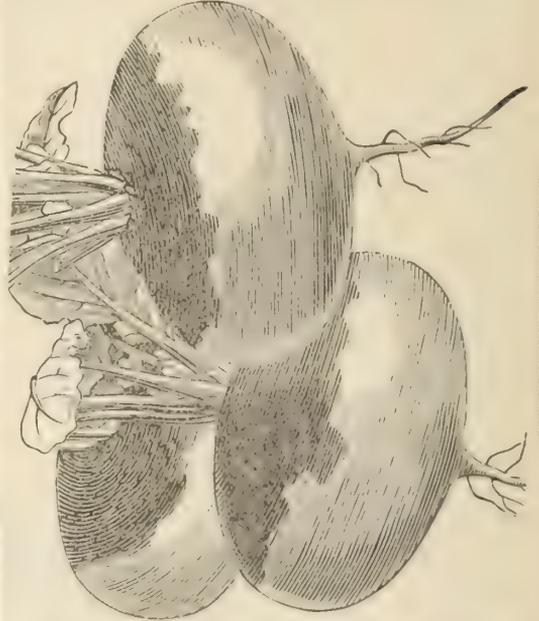
You should try them; no vines to bother; the best Sweet Potato grown. See page 21.

TURNIP.

For the spring crop sow the Extra Early Milan or the Early Flat or Purple Top Strap Leaf in fourteen inch drills, and thin to six inches. For the fall and main crop from the middle of July to the last of August, in drills or broadcast, though much larger crops are obtained by drill culture.

EARLY WHITE EGG. An egg-shaped variety, for spring or fall sowing. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 25c.; pound, 60c.

PURPLE TOP WHITE GLOBE. A variety of decided merit. Of globular shape, very handsome and of superior quality, either for the table or stock. Early, of rapid growth. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 20c.; pound, 50c.



PURPLE TOP STRAP LEAF.

YELLOW GLOBE or AMBER. One of the best for a general crop. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 20c.; pound, 50c.

YELLOW STONE. One of the best yellow fleshed varieties for table use. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 20c.; pound, 50c.

GOLDEN BALL or ORANGE JELLY. A rapid grower, of excellent flavor, globe-shaped, bright yellow color. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 20c.; pound, 50c.

LONG WHITE or COW HORN. Grows very quickly, partly above ground; very productive; flesh white, fine grained and sweet. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 20c.; pound, 50c.

EXTRA EARLY MILAN. A new early very white variety, with purple top and strap leaf. Mild and sweet; remains in good condition for a long time. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 20c.; pound, 60c.

EARLY FLAT DUTCH or WHITE TOP STRAP-LEAVED. Standard variety. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 15c.; pound, 45c.

PURPLE TOP STRAP-LEAVED. The well known popular variety either for family or market use. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 15c.; pound, 45c.

RUTA BAGA VARIETIES.

IMPROVED AMERICAN (PURPLE TOP). Very hardy and productive; flesh yellow, solid, sweet, good for stock or table use. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 20c.; pound, 50c.

LONG ISLAND IMPROVED PURPLE-TOP. This is undoubtedly the finest variety of purple-top Ruta Baga, and twice the size of ordinary stocks. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ pound, 25c.; pound, 60.

SPECIAL PRICES ON BULK BEANS AND PEAS.

For Market Gardeners and Other Large Buyers.

Below we quote Special Low Prices on Beans and Peas by the quart, peck and bushel. At these prices we make no charge for bags, and deliver to express or freight office—the purchaser to pay transportation charges upon receipt of goods. No discounts offered elsewhere in this catalogue can be deducted from the prices given. The Wax Bean crop is

very short this season, which accounts for the seeming high prices.

Bush or Snap Dwarf Beans.

See Page from 9 to 10.

NAME.	1 Qt.	2 Qt.	4 Qt.	Peck.	Bushel
Golden-Eyed and Kidney Wax, each.....	30 50	80 1	50 5	50	50
Grennell Rust Proof Golden Wax.....	30 50	80 1	50 5	50	50
Black Wax, Bl'k-Eyed Wax & Golden Wax.....	30 50	80 1	50 5	50	50
Scarlet and Violet Flageolet.....	30 50	80 1	50 5	50	50
Early Mohawk and Yellow Six Weeks.....	25 50	70 1	25 4	40	00
Best of All Dwarf and Extra Early Refugee.....	30 50	80 1	25 4	50	00
Extra Early Red Speckled Valentine.....	25 40	70 1	25 4	40	00
Round Pod Six Weeks.....	25 40	70 1	25 4	40	00
Henderson Bush Lima.....	40 75	1 00	1 75	7 00	00
Burpee and Dreer Bush Lima see specialties Pole or Climbing Beans.					
Early Golden Cluster Wax.....					
White Creaseback, best of all pole beans.....	30 50	90 1	75 6	60	00
Horticultural or Speckled Cranberry.....	30 50	80 1	50 5	50	00
Small White Lima.....	30 60	1 00	1 75	6 50	00
Dreer's Improved Lima.....	40 75	1 25	2 25	8 00	00
Extra Early Jersey Lima.....	40 75	1 25	2 25	8 00	00
Peas.—See Pages 17 and 18.					
First in the Market.....	25 50	75 1	25 4	50	00
New Alaska.....	25 50	75 1	25 4	50	00
American Wonder (True Stock).....	30 55	1 00	1 75	6 00	00
McLean's Little Gem.....	25 40	75 1	25 4	50	00
Extra Early Premium Gem.....	25 40	75 1	25 4	50	00
Bliss' Abundance.....	25 40	75 1	25 4	50	00
Champion of England.....	20 35	60 1	00 3	50	00
Yorkshire Hero.....	25 45	75 1	25 4	50	00
Pride of the Market.....	30 60	1 00	1 75	6 00	00
First and Best.....	25 45	75 1	25 4	50	00
Advancer, Stratagem and Telephone.....	35 60	1 00	1 75	6 50	00
Dwarf White Marofat and Black-Eyed Mar't Sweet Corn.—See Pages 3 and 12.					
Bonanza Early.....	35			1 00	00
Extra Early Adam.....	15 25	45	85	3 00	00
Early Adam.....	20 35	60	85	3 00	00
Extra Early Cora.....	15 25	45	85	3 00	00
Moore's Concord, something good.....	20 35	60	85	3 00	00
Early Mammoth.....	20 35	60	85	3 00	00
Stowell Evergreen.....	20 35	60	85	3 00	00

PLANTS.

Transplanted, except where otherwise noted. Sent only by Express, not by Mail. No order shipped under \$1. These plants are grown by us from our best seeds, by an experienced plant grower and market gardener, and can be shipped fresh from the beds and well packed on short notice.

Early Cabbage (Ready March 1).

Extra Early Wakefield and Sure Head.....	50	100	1,000
Henderson's Early Summer and Succession.....	50	75	\$4.50
	50	75	4.50

Late Cabbage (Not Transplanted; Ready April 1).

Premium Flat Dutch and Sure Head.....	50	100	1,000
Drumhead Savoy and Red Dutch.....	25	30	\$2.00
	25	40	3.50

Cauliflower (Ready March 1).

Earliest and Extra Early Erfurt.....	75	100	1,000
Henderson's Early Snowball.....	95	1 00	6 00

Celery (Early Grown Plants; Ready April 1).

Dwarf Golden Heart and White Plume.....	50	100	1,000
Golden Self-Blanching and Giant Pascal.....	40	75	00
	50	90	00

Celery (Late Grown Plants; Not Transplanted; Ready May 1).

Dwarf Golden Heart and Golden Self-Blanch'g.....	50	100	1,000
White Plume, New Rose and Giant Pascal.....	25	40	\$3.00
	25	40	3.00

Low prices on 5,000 and 10,000 lots.

Tomato (Ready April 1).

Write for prices on 1,000 lots

Livingston's Acme, Beauty and Potato Leaf.....	20	60	\$1.00
Favorite, Perfection and Paragon.....	20	60	1.00
Stone, Golden Queen.....	25	65	1.10
Dwarf Champion.....	25	65	1.10

Pepper (Ready March 1).

Sweet Mountain and Mammoth Ruby King.....	20	60	1.00
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Egg Plant (Ready March 1).

Large New York Purple.....	25	75	1.25
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SWEET POTATO PLANTS.

VINELESS PUMPKIN YAM. A worthy novelty of sterling merit; a chance hybrid obtained by crossing the Pumpkin Yam with the Vineless or Bush Yam. This potato contains more sugar than the Pumpkin Yam and has none of

the pumpkin flavor of the parent, which has been the objection to the Pumpkin Yam by so many. The potato yields better, is a better keeper and is a fine yielder. You have no vines to bother in cultivating, which will recommend it to every planter. We feel confident the time of the old long-vined sweet potato is passed. Who would have them, when you can get something much more productive and of finer quality. Price of Vineless Pumpkin Yam slips, 50c per doz.; \$5 per 100.

VINELESS SWEET POTATO or BUNCH YAM. The vineless Sweet Potato has come to stay. It has all the good qualities of the well-known Yellow Yam, and is superior, being much sweeter and more productive. The fruit is larger than the old Yam and much sweeter. It is a good keeper, and adapted to black as well as sandy soil. It is easily cultivated, having no vines to bother; hence the name Vineless or Bunch Sweet Potato.

A customer writes us: "Your Vineless Sweet Potato is a success. From one-half bushel of seed bought of you, I raised one hundred bushels of good potatoes. It is without doubt the best Sweet Potato I have ever seen. From now on I will plant nothing but the Vineless Potato." 1/2 bush., 75c., \$1.50 per bushel.

Parties wanting large lots of Vineless potatoes, write for special price.

PUMPKIN YAM. Sweet Potato. A splendid Sweet Potato, very productive; will grow on any soil. Flesh a beautiful pumpkin yellow. Flesh tender and very sweet; a good keeper. One-half bushel, 75c.; bushel, \$1.50.

Price of plants, ready March 15th: 50c. per 100. \$4.50 per 1,000.

Prices on thousand lots given on application.

We also carry the following potatoes: Cuban Queen, Red Bermuda, Yellow and White Nanseemun, and other good varieties after April 1st. 25c. per hundred; \$2.50 per thousand slips.

POTATO.

Choice Northern Grown Seed.

We cannot make prices on seed stock at this time, as the market fluctuates. We will make prices on application.

BLISS TRIUMPH, or IMPROVED BERMUDA. This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose, is much more productive, and matures its crop at least a week in advance of Early Rose. Tubers are of medium size, round and uniform in shape, with but a very few small ones; eyes slightly depressed; color a beautiful light red; flesh fine grained and excellent flavor.

The tubers grow compactly in the hill, and are easily harvested. It is an excellent keeper, not inclined to sprout early. Its great beauty, productiveness and fine quality make it one of the best varieties in cultivation. It is now being planted on the island of Bermuda to the exclusion of nearly all others, having supplanted almost entirely the old Bermuda potato, and is the first potato to reach our market from the Bermudas. It has become so popular in many sections that, notwithstanding we grew large crops the past two seasons, the entire stock was exhausted before the selling season was half over. Peck, 50c; bushel, \$1.65 by freight or express.

EARLY OHIO. Peck, 50c; bushel, \$1.60.

EARLY ROSE. Peck, 40c; bushel, \$1.50.

BEAUTY OF HERBON. Peck, 40c. bushel, \$1.50.

PEARLESS. Peck, 40c; bushel, \$1.50.

SELECT FARM SEEDS.

The prices on Farm Seeds are net, and will be shipped at purchaser's expense only.

LINCOLN OATS. We offer this Oats with the belief that it will prove the most popular of any Oats yet introduced. The Lincoln Oats has produced one-third more than any other variety grown in the same localities. It is very early. It has proven itself entirely Rust Proof. Sold in bushels only. \$1.50 per bushel.

EARLY MASTODON CORN. A new early Dent varie y, originated in Ohio. The ear is very large and grain deep. It grows strong, rank, quick, and makes the finest appearing shelled corn, being purely Dent, of two shades of white and yellow. In the American Agriculturist corn contest of 1889, it outyielded all others, making the wonderful record of two hundred and thirteen bushels shelled corn to the acre. Packet 10c, pound, 30c, 3 pound 75c, postpaid; quart, 15c; peck, 65c; bushel, \$1.75; bag of 2 bushels, \$3.25; 10 bushels and over, \$1.50 per bushel, bags included.

GOLDEN BEAUTY CORN. The Golden Beauty is a large and broad-grained yellow corn. The ears of perfect shape, with from ten to fourteen straight rows of bright golden-yellow grains, filled out completely to the extreme end of the cob. The cob is very small in comparison with the size of the ear, and when broken in half the grains will reach across. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The stalks take strong hold in the ground, grow vigorously to a height of eight to nine feet. Golden Beauty matures in one hundred and ten days from planting. We have many favorable reports from customers who planted this corn, yielding in many cases at the rate of one hundred and twenty-five bushels to the acre. Prices by mail, postpaid: Large packet, 10c; pound, 30c; 3 pounds, 75c. By freight or express: Quart, 15c; peck, 65c;

bushel, \$1.75; bag of 2 bushels, \$3.25; 10 bushels and over, \$1.50 per bushel.

HICKORY KING CORN. This is unquestionably the largest grained and smallest cobbed pure white Dent corn in cultivation. The grain is so large and cob so small, that by breaking an ear in half one grain will cover the entire end of the cob. The ears grow seven to nine inches in length, are generally borne three to a stalk. It ripens early.

It is particularly adapted to and will yield more on thin soil than any other White Field corn. By mail: Packet, 10c.; pound, 30c.; 3 pounds, 75c. By express or freight: Quart, 20c.; peck, 75c.; bushel, \$2; bag of 2 bushels, \$3.75.

RED COB ENSILAGE CORN. This new and superior ensilage corn we can recommend, from experience, as being the heaviest cropping variety in cultivation, producing fifty to seventy-five tons per acre. It has been thoroughly tested in all dairy sections of the country with the best results. It is a pure white Dent corn of large size and handsome appearance, growing on a red cob. The fodder is sweet, tender, juicy, and said to contain more nourishment than any other variety. It grows thirteen to fourteen feet in height, taking strong hold in the ground, standing up well and resisting storms of all kinds to a remarkable degree. Peck, 50c.; bushel, \$1.40; 10 bushels and over, \$1.20 per bushel.

BLUNT'S WHITE PROLIFIC or MAMMOTH ENSILAGE CORN. Produces three to eight good ears to a stalk. It is also much used for ensilage, and has been known to produce seventy tons of fodder to the acre. Peck, 50c.; bushel, \$1.50 10 bushels and over, \$1.40 per bushel.

LONGFELLOW'S AND EARLY YELLOW CANADA. These well-known eight-rowed yellow flint varieties ripen very early, and are well adapted for late replanting. Quart, 20c.; peck, 65c.; bushel, \$2.

SUGAR CORN FOR GREEN FODDER. Profitable as green feed for milch cows, being sweeter and more nutritious and eaten more readily than fodder from Field Corn. Bushel, \$1.50; 5 bushels and over, \$1.40 per bushel.

BROOM CORN—Weber's Improved Evergreen.

Best and purest Broom Corn in cultivation. This is the best and purest in cultivation, originated and selected by Mr. George Weber, one of the largest growers of Montgomery County, Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color, without the slightest reddish tinge. It makes by far the best brooms of any other grown; height seven to eight feet. Quart, 30c.; peck, \$1; bushel, \$3; 2 bushels, \$5.50.

DWARF EVERGREEN BROOM CORN. Grows three to four feet high, straight, smooth brush. Quart, 20c.; peck, 50c.; bushel, \$2.25.

MANSHURY BARLEY. The earliest and most productive. Quart, 20c.; peck, 60c.; bushel, \$2.

SPRING BARLEY. Quart, 15c.; peck, 50c.; bushel, 48 pounds, \$1.50.

SPRING TARES or VETCHES. Quart, 40c.; bushel, \$4.50.

SEED BUCKWHEAT.

NEW JAPANESE. In 1883 a gentleman traveling in Japan sent to a friend in New Jersey about a thimbleful of this new variety. It was carefully planted and enough seed raised to sow one-half bushel in 1886, from which the crop was forty bushels. A few bushels of this were given out for trial among neighboring farmers, who were delighted with the enormous yields it produced. Sown at the same time with Silver Hull, it proved two weeks earlier, and yielded twice as great. The kernels are twice the size of any other buckwheat; of a rich, dark brown color, and manufacture a superior flour. Owing to its branching character, only one-half as much seed is required per acre, while the straw is much stiffer and stands up better. This new buckwheat is rapidly displacing all others. Packet, 10c.; pound, 30c.; 3 pounds, 75c., postpaid. Quart, 20c.; peck, 75c.; bushel, \$1.75; 5 bushels and over, \$1.25 per bushel, sacks included.

SILVER HULL. Sown at the same time as the common buckwheat, this variety continues in bloom longer, matures earlier, and yields nearly double. The flour produced from it is whiter and more nutritious. Pound, postpaid, 25c.; quart, 20c.; peck, 50c.; bushel, \$1.50.

COMMON BUCKWHEAT. Quart, 15c; bushel, \$1.25.

OSAGE ORANGE. Pound, 50c; peck, \$2; bushel of 33 pounds, \$7.

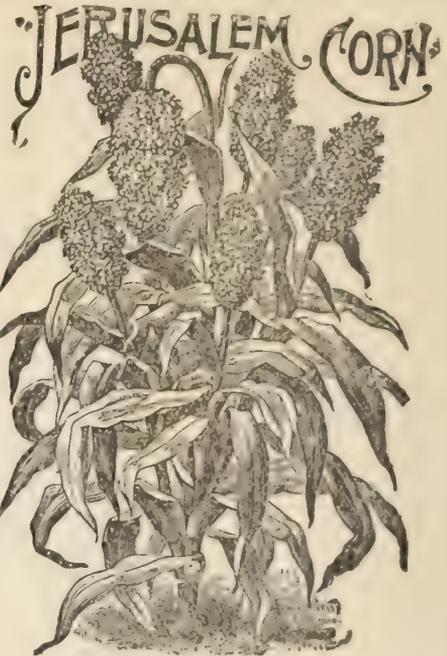
FLAX SEED. Quart, 15c; bushel 56 pounds, about, \$2.50.

FORAGE PLANTS.

Terms, Cash with order. Prices subject to fluctuation. Two bushel bags, twenty cents extra each.

JERUSALEM CORN belongs to the non-saccharine sorghums, and was brought a few years since from the arid plains of Palestine. It is pronounced, by all who have grown it, the best and surest grain crop for dry countries and seasons, even

better than the Kaffir Corn and Millo Maize. It grows about three feet high, makes one large head on main stalk, and sev-



Express or freight charges always to be paid by the purchaser. If wanted to be sent by mail, postage must be added at the rate of 10 cents per pound.

eral smaller heads on side shoots, often as many as eight heads on one stalk. The grains are pure white and nearly flat. Five pounds will plant an acre.

The cultivation is the same as for Kaffir Corn and other forage plants. We hope all our customers who are interested in this class of plants, and have not already tried it, will give the new Jerusalem Corn a trial. Packet, 10c; pound, 35c; 3 pounds, \$1, postpaid. Pound, 20c; 10 pounds, \$1.50; bushel, 60 pounds, \$8, by freight or express.

CANE OR SORGHUM. Plant in warm, corn soil, in drills three to four feet apart. Sow about five pounds of seed per acre for syrup and one hundred and fifty pounds for fodder.

EARLY AMBER CANE. Per pound, 10c; peck, 50c; bushel (50 pounds), \$1.50.

EARLY ORANGE CANE. Per pound, 10c; peck, 40c; bushel (50 pounds), \$1.50.

NON-SACCHARINE SORGHUM. These varieties bear dry weather well. They grow on any land where corn will, even on land too poor for corn. It takes from five to six pounds to plant one acre.

KAFFIR CORN. Per pound, 10c; 10 pounds, 75c.

WHITE BRANCHING DHOURA (White Willow Maize). Per pound, 10c; 10 pounds, 75c.

YELLOW BRANCHING DHOURA (Yellow Willow Maize). Per pound, 10c; 10 pounds, 75c.

EGYPTIAN RICE CORN. Per pound, 30c; 10 pounds, 75c.

COW OR SOUTHERN PEAS. Sow from one and one-half to two bushels to the acre.

BLACK EYE. Seed large, round, oblong; creamy white, with a large black eye. Peck, 75c; bushel, \$2.75.

CLAY COLORED. Large seed of a blue clay color. Peck, 60c; bushel, \$2.

WHIP-FOOR-WILL. The seeds are large, speckled brown in color. Peck, 60c; bushel, \$2.

THE

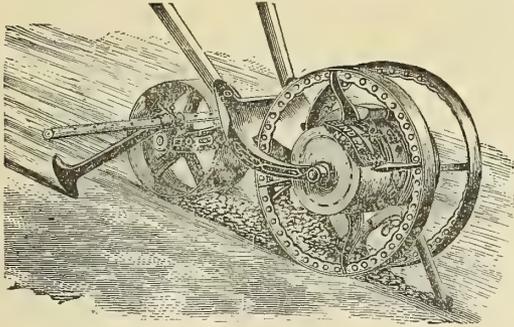
PLANET Jr. SEED SOWER

AND CULTIVATOR.

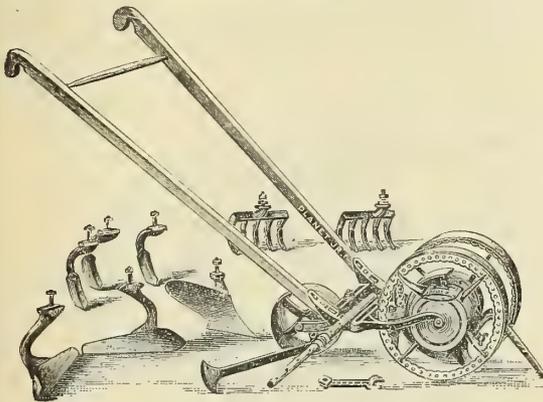
The Planet Jr. Seed Drill (No. 2, weight 40 lbs..... \$ 9 00
The Planet Jr. Combined Drill, Wheeled Hoe Cultiva-
tor Rake and Plow complete, weight 40 lbs..... 12 00

VINELESS SWEET POTATO Are the Coming Main Crop. Plant Them and be in the Procession.

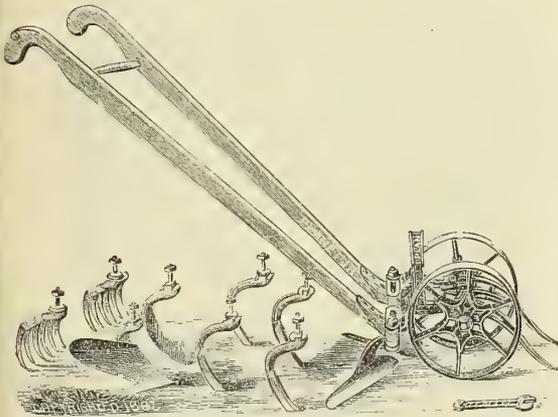
The Planet Jr Double Wheeled Hoe, Cultivator, Rake and Plow, weight 35 lbs. 8 00



While we handle a full line of the Planet Jr. goods, space will permit us to catalogue only a few.



Should you need anything not mentioned, please write us for complete catalogue of all tools manufactured by this company.



INSECTICIDES, FUNGICIDES, Etc.
SLUG SHOT.

Non-poisonous; no danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it, unless in large quantities. It does not render injurious the vegetables and fruits on which it is applied, and yet it is probably the best insect destroyer ever offered for the destruction of potato bugs and all worms and insects. It comes ready to be applied, and is simply dusted lightly on so that it reaches all parts of the plants. For further informa-

tion send for "Fighting Insects in the Garden." Sent free. Our sales of Slug Shot double annually.



TRADE MARK.

PRICES. Barrels, holding 235 pounds net, 5 1/2c. per pound; 100 pounds, 6c per pound; 50 pounds, 7c. per pound; 10 pounds, 75c.; 5 pounds, 40c By mail, postpaid: Pound, 30c.; 3 1/2 pounds, \$1. Tin canisters containing 1/2 pound, with perforated top that unscrews, so it can be filled again, 25c. each; by mail, 45c. each.

Dusters for Slug Shot or Other Powders. 1/2 gallon size, 30c ; gallon, 50c.

Bellows for Slug Shot or Other Powders. Medium size, \$1.25; large, \$2.

TOBACCO DUST. Very effective; much used on Cabbage. Pound, 15c.; by mail, 30c. By express: 10 pounds, \$1; 25 pounds, \$2.

PARIS GREEN. 1/4 pound, 15c.; 1/2 pound, 20c.; pound, 35c. By mail: 15c. pound extra

TOBACCO STEMS. For fumigating plants infested with green fly, etc. Per pound, 15c.; barrel, \$1.

TOBACCO AND SULPHUR.

Destroys Rose Bugs, Lice, Cut Worms, Vine Bugs, Tomato Worms, Currant Worms, Cabbage Lice and Parasites of all descriptions. Should be applied when the foliage is wet. Valuable for hot-houses, nurseries, etc. No weed seeds in it. Earthworms will not live where it is used. Trial package, 1/2 pound, 25c.; 2 pounds, 75c.; by mail, postpaid.

BONE FLOUR

in Handsomely Labeled Tin Boxes, each containing enough for 150 Square Feet of Garden Beds, 100 Square Feet of Benches under Glass, or 300 to 400 6-inch Pots.

We offer, 6 pounds in each can, 50c. each.

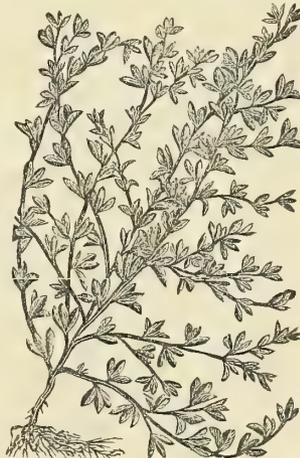
CLOVERS.

These prices constantly subject to fluctuations; therefore, merely suggestive.

If you do not see what you want, ask your merchant to write to us about it, or you drop us a postal card.

Latest quotations promptly given upon application.

JAPAN CLOVER (LESPEDEZA STRAITA). Per pound, 35c.



JAPAN CLOVER.

RED CLOVER (Trifolium Pratense). This is the most widely cultivated of all the pasturage plants; loosening the soil and admitting the air and drawing up and storing away near the surface the valuable principles scattered in the earth beneath, it is regarded as one of the best vegetable fertilizers, as well as a cattle food of highest merit. Its luxuriant foliage, by shape, increases the fertility of the earth and smothers noxious weeds. It is a lime plant and does best on stiff loams, Its habit of growth is rapid, and, though naturally a biennial, may by close pasturage, be made to last three or more years. Sow in Autumn.

Sow 16 pounds to the acre. Per bushel (60 lb), \$10; per quart, 50c.

RED CLOVER, MAMMOTH. Per

bushel (60 lbs), \$9; per quart, 45c

ALSIKE CLOVER (TRIFOLIUM HYBRIDUM). The earliest large Clover. Possibly a hybrid between the Red and White, possessing qualities common to both; productive, sweet, permanent, extremely valuable both for pasturage or soiling. Clover-sick lands will sometimes produce fine crops of Alsike,

which lands, after three years in Alsike, and an intermediate grain crop, will again produce Red Clover. The flowers are a distinct light pink, and afford fine pasturage for bees. This Clover seeds itself freely the first year. Sow 12 pounds to the acre. Per pound, 25c.

GIANT SAIN FOIN (ONOBRYCHIS SATIVA). This (not a Clover), in some sections, is an important forage plant, producing an immense quantity of green food, and under favorable conditions large crops of hay. It requires a calcareous soil, and will not succeed north of the Potomac or Ohio. The seeds are of high value as food for fowls. Sow 10 pounds to the acre. Per pound, 15c.

LUCERNE or ALFALFA (MEDICAGO SATIVA). One of the most valuable among the Clovers; standing for years, shooting its roots downward till they are ten to fifteen feet below the surface. It resists the driest weather, and, when every blade of grass droops for want of moisture, it holds up fresh and green as in genial Spring. It does not succeed on compact clay nor on land with impermeable subsoil. Far from exhausting land, it increases fertility, as has been fully established. Sow 20 pounds to the acre. Per pound, 15c.; \$7 per bushel.

SCARLET CLOVER (TRIFOLIUM INCARNATUM). The most beautiful of all Clovers, readily distinguished by the bright crimson color of its flowers. Exceedingly productive and very palatable to cattle. It is the latest of all the Clover family, and thus affords a desirable succession of green food. At present in much demand in the South, where it has proven valuable. Sow 10 pounds to the acre. Per pound, 15c.

WHITE DUTCH CLOVER (TRIFOLIUM REPENS) Not a heavy producer of hay, but invaluable in permanent pastures. Will grow on any soil, but luxuriates in damp locations and in damp seasons. It is very persistent in growth on rich

soils, affording rare feed, but on thin soils will not succeed. Sow 12 pounds to the acre. Per 1/4 pound, 10c; 1/2 pound, 15c; pound, 30c.

CANADIAN BLUE GRASS (POA COMPRESSA). The hardiest grass in cultivation; should not be confounded with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very easily. All grazing animals eat it greedily; cows fed on it produce a very rich milk. It is especially relished by sheep. Its bluish-green stems retain their color after the seed is ripe. It shrinks less in drying than most other grasses. It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils. Quart, 25c; bushel, 14 pounds, \$2.50.

KENTUCKY BLUE GRASS. (Fancy, triple cleaned.) Valuable for pasture when mixed with other varieties. Quart, 15c; bushel, 14 pounds, \$2.75; 5 bushels and over, \$2.25 per bushel.

ORCHARD GRASS. One of the most desirable pasture grasses. Quart, 25c; bushel, 12 pounds, about \$2.75.

TIMOTHY. Quart, 20c; bushel, 45 pounds, about \$2.75.

HERD, or RED TOP GRASS. A valuable native permanent grass, as a mixture in meadows or pastures. Quart, 10c; bushel, 10 pounds, \$1; in sacks of 50 pounds, about \$4.

EAST INDIA, or PEARL MILLET. Cultivated for fodder. Pound, 30c; 10 pounds and over, 25c per pound.

HUNGARIAN MILLET GRASS. One of the most valuable annual forage plants. Quart, 10c; bushel, 48 pounds, about \$1.50.

COLORADO GRASS. One of the best things we have to offer in Grass Seed for the South. Valuable for hay. Seeded once lasts always, seeding itself each year. Pound, 20c; bushel, \$2.50.

Flower Seeds.

ANNUALS and BIENNIALS.

ANNUALS.—Plants known as annuals are raised from the seeds, perfect their flowers, mature their seed the same season, and then perish; they are divided as follows: Hardy, half-hardy and tender. Hardy annuals are such as will bear a hard frost; half-hardy annuals will bear but little; tender annuals will not bear the frost at all.

BIENNIALS are those plants that flower the second, and sometimes the third, year from the time the seed are sown, then perish.

A Collection of Annuals, in 12 different varieties (our own selection), 40 cents.

A Collection of Annuals and Biennials, in 25 different varieties (our own selection), 75 cents.

	Per pkt.
ABRONIA umbellata. Rosy Lilac.....	\$ 5
ADONIS FLOWER. Annualis. Crimson.....	5
AGERATUM Mexicanum. Blue and white mixed.....	5
ALYSSUM, Sweet White. 20c. per ounce.....	5
AMARANTHUS Caudatus (Love lies bleeding), 20c. per ounce.....	5
Cruentus (Prince's Feather).....	5
Tricolor (Joseph's Coat).....	5
Fine mixed, choice varieties.....	5
ANTIRRHINUM (Snapdragon) majus (Tall), Fine mixed, 50c. per ounce.....	5
Tom Thumb (Dwarf), finest mixed.....	10
ANAGALLIS Indica.	10
ASTER Chinensis. Globe-flowered German; 50c. per ounce.....	5
Dwarf Pyramidal Bouquet.....	10
Chrysanthemum-flowered.....	10
Eight distinct colors; 1 packet each, 60c.....	10
Truffaut's Peony-flowered Double Perfection; eight distinct colors, 1 packet each, 60c.....	10
Choice mixed, \$1.75 per ounce.....	10
Crown-flowered or Cocardeau.....	10
Rose-flowered.....	10
Lilliput-flowered; pure white.....	10
BALSAMS (Lady's Slippers). Double.....	5
Double fine mixed, 40c. per ounce.....	10
French Rose-flavored.....	10
Fine mixed, 75c. per ounce.....	10
French Rose-flowered, eight distinct colors, one packet each, 50c.....	10
Dwarf Camellia-flowered or Spotted.....	10
White Perfection.....	10
Aurea, golden-yellow.....	5
CALLIOPSIS (Coreopsis), choice varieties, fine mixed.....	5
CALLIRHOE (Nuttalia) Pedata. Velvet purple, white eye.....	10

CARNATIONS and PICOTEES. Pinks.

The most magnificent of all the Pink family, and are general favorites for their delicious fragrance and richness of color. Seed may be sown under glass in spring, or in the open ground; protect during winter; half-hardy perennials. The seed we offer has been imported from the best sources in Europe, and will produce many splendid novelties in double and semi-double flowers.

CARNATIONS and PICOTEES, Stage-Flowers, all classes, extra fine mixed. Of unrivaled quality and cer-

	Per pkt.
tain to give great satisfaction to the most critical grower.	
DOUBLE EARLY-FLOWERING VIENNA.	\$ 25
Choice mixed.....	25
GRENADIN. Dwarf and early, brilliant double scarlet flowers.....	25
DOUBLE, Mixed. Very good.....	10

NEW MARGARET CARNATIONS.

A magnificent new class of Carnations, and, without exception, the most abundant bloomers of all. They bloom in about four months after sowing the seed. The flowers are of perfect form, large, and very sweet scented. The brilliant colors range through many beautiful shades of red, pink, white, variegated, etc.; what is of special value, the calyx never bursts. Those sown in spring commence flowering in early summer, and continue to bloom in profusion until checked by frost, when they can be potted and taken in the house and will flower all winter, though, if intended specially for winter flowering, it will be better to sow later in the season. They come about eighty per cent double. The plants are quite dwarf, much branched, compact and robust in habit, standing upright without support. **Mixed Colors**—Packet, 10c; 3 for 25c.

MARGARET CARNATION, WHITE. Finding that this valuable race will produce self-colors fairly true from seed, we now offer a pure white flowering variety, of which 75 per cent, accurately represent the type. Packet, 20c.

MARGARET CARNATIONS, VERY DWARF. These Carnations are about 4 inches dwarfer than the semi-dwarf class, growing only 9 to 13 inches high. Eminently suitable both for borders and pot culture. Packet, 20c. Per pkt

CANDYTUFT. White Rocket, pure white, 15c per oz.....	5
Different colors, fine mixed, 15c per ounce.....	5
CELOSLIA (Cockscorn) cristata nana, Dwarf; finest colors, mixed.....	5
Glasgow Prize, Tom Thumb.....	10
CENTAUREA (Century) cyanis (Corn-Bottle); fine mixed; all colors.....	5
Moschata (Sweet Sultan); all colors, mixed.....	5
CHEIRANTHUS (Virginia Stock) maritimus; red and white, fine mixed.....	5
CHRYSANTHEMUM. Double annual varieties; all colors, mixed.....	5
CLAURIA. Finest varieties; all colors mixed.....	5
COLINSIA. Mixed varieties.....	5
CONVOLVULUS minor; mixed colors.....	5
Mauritanicus; lavender-blue flowers.....	10
CENTRANTHUS. Mixed varieties.....	5
DIANTHUS. Chinensis; double varieties, mixed.....	5

	Per pkt.
Imperials (double Imperial pink) mixed	5
Rubber striatus; white striped with red	5
Albo-pleno; white	5
Heddewigii	10
Flore-pleno	10
Albus plenus; white	10
Mixed seed of last five varieties	10
DELPHINIUM (Larkspur) <i>Ajacinthi-florum</i>	5
(Double Dwarf Rocket) mixed colors	5
Elatior flore-pleno (Tall Rocket)	5
Consolida flore-pleno (Stock-flowered) mixed	5
Candelabrum	10
Imperiale (Emperor Larkspur); mixed	10
DAISY Double; mixed colors	20
White	20
EUPHORBIA <i>marginata</i>	5
ESCHSCHOLTZIA . Mixed varieties	5
EUTOCA <i>viscida</i> ; dark blue	5
<i>Wrangeliana</i> ; lilac	5
<i>Multiflora</i> ..	5
GOETIA . Finest mixed.	5
LARKSPUR . See Delphinium.	5
LINUM <i>grandiflorum rubrum</i> (Crimson Flax), 20c. per ounce	5
LOBELIA <i>speciosa</i> ; large blue flowers	10
<i>Erinus</i> ; blue and white mixed	5
LIPINUS (Lupinus); finest varieties, mixed, 15c. per ounce	5
MALOPE <i>grandiflora</i> ; crimson, purple and white	5
MARTYNIA . Fine mixed; all colors	5
MARIGOLD (<i>Tagetes</i>); African	5
Dwarf French	5
MARVEL OF PERU (Four-o'clock; <i>Mirabilis Jalapa</i>); finest colors mixed; 15c. per ounce	5
MATRICARIA <i>eximia fl. pl.</i> (Feverfew) white	5

	Per pkt.
Single Fringed; mixed	25
Single mixed; all sorts	25
Double mixed; all sorts	25
Double large-flowering fringed; mixed	25
THE PHLOX <i>Drummondii</i> for splendid mass of colors and a constant display; is not excelled by any other annual or perennial. It has every desirable quality for this purpose. The colors range from the purest white to the deepest blood purple or crimson. Seed may be sown in the open ground in March, or in hot-bed or cold frame earlier; and in either case, from May, during the summer and autumn, they make a most brilliant bed of showy, yet delicate flowers, blooming continually until frost. A good ribbon bed of the Phlox is a most dazzling sight, and there is nothing so cheap. In a good rich soil it will grow 18 inches or more in height. Set the plants about one foot apart; easily transplanted.	Per pkt
WILLIAM I. Crimson striped	5
BRILLIANT SCARLET	5
DEEP BLOOD PURPLE (BLACK WARRIOR) Extra	5
ALBA . Pure white	5
ROSE . New charming	5
MANY CHOICE VARIETIES MIXED . Ounce, 50c; 1/2 ounce, 30c	5
STAR OF QUEDLINBURG (Fringed Phlox). The center of each petal run out into a point 1/4 to 1/2 of an inch beyond the edge, which gives the flowers a regular star-like form. Extra Fine Mixed Seed, comprising many varieties of this odd and beautiful strain. Three packets, 25c	10
PHLOX NANA COMPACTA —New Dwarf Sorts. A quite distinct strain of dwarf and compact growth; very desirable for pot culture and ribbon bedding. 9 inches. Choice Mixture, 3 packets, 25c	10

PHLOX.

NEW DOUBLE YELLOW. Of late years several semi-double flowering Phloxes have been introduced, the value of which as cut flowers will have been recognized by those who have tried them

PERENNIAL PHLOX.

They are perfectly hardy, and need no protection; will flourish in any soil, succeeding better, however, in deep, rich, rather moist ground. **BEST MIXED**—Saved from the newest sorts.

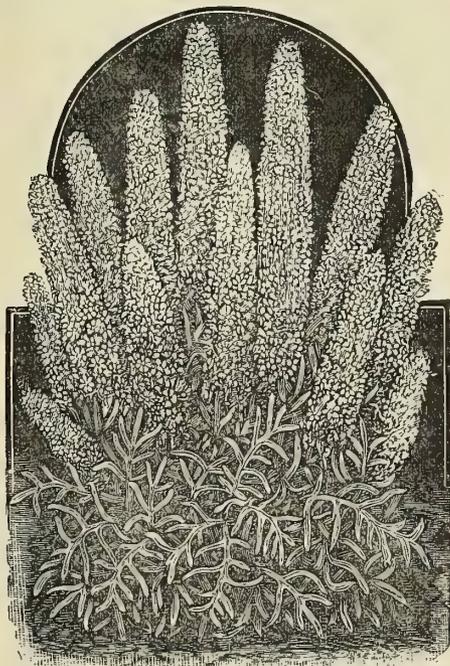
POPPIES , Carnation-flowered — <i>Somniferum</i> (Double Opium Poppy); mixed	10
Peony-flowered; mixed	5
<i>Ranunculus</i> -flowered; mixed	5
Umbrosium; bright vermillion, with a shining black spot on each petal	5
PYRETHRUM roseum (Insect powder plant); \$1 per ounce, 30c per 1/4 ounce	10
Aureum (Golden Feather) white; \$1 per ounce, 30c. per 1/4 ounce	10
RODANTHE Mixed	5
RICINUS <i>Borboniensis arboreus</i>	5
Sanguineus; red	5
Giganteus	5
Communis major (Palma Christi)	5
Mixed; many sorts; 20c. per ounce	5
SALPIGLOSSIS (Velvet-Flower); Choice mixed colors	5
SALVIA <i>patens</i> ; blue	20
<i>Splendens</i> (Scarlet Sage); 75c. per 1/4 ounce, three packets, 25c.	10
SEDUM <i>cæruleum</i> (Stonecrop); blue	5
SENSITIVE-PLANT (<i>Mimosa pudica</i>)	5
SMILAX (<i>Myrsiphyllum asparagoides</i>)	15
STOCKS . Largest-flowering dwarf; all colors mixed	10
Dwarf German Ten-Weeks; mixed	10
Snowflake, Forcing Ten-Weeks	25
SWEET WILLIAM (<i>Dianthus barbatus</i>); fine mixed single	5
Double-flowering; finest mixed	10

SWEET PEAS.

A very beautiful, free-blooming climber, very profitable to grow, because the cut bloom meets with ready sale in any market. One of the most popular flowers in cultivation and sure to please under the most ordinary treatment. Plant four inches deep very early in the spring. Hoe the earth toward the vines without ridging, and give support for the vines to run upon. Hardy; 6 feet high.

NEW AMERICAN SWEET PEA. Per pkt

BLANCH FERRY . One of the most popular varieties ever introduced. It is earlier and hardier than any other, of dwarf and compact growth; can be grown without support; desirable for forcing; the very sweet flowers are of large size, and are produced in great profusion; of a beautiful pink and white color. 4 ounces, 30c; ounce, 10c	5
ORANGE PRINCE . Of rare beauty; bright orange-pink, flushed scarlet; wings rich rose, veined with pink; ounce, 30c	10
SPLENDOUR . Rich bright pinkish rose; shaded with crimson; flowers large and of fine form. Ounce, 30c	10
QUEEN OF ENGLAND . Grand, pure white flowers of extra large size, specially choice; ounce, 20c	10
PRINCESS OF WALES . Shaded and stained with mauve on a white ground, in the most pleasing manner; oz., 15c	10



MIGNONETTE . Large-flowering, sweet; ounce 15c	5
Large-flowering pyramidal	10
Golden Queen	10
Macht; red flowers; 75c per ounce	10
MIMULUS (Monkey-Flower); large-flowering, choice mixed	10
<i>Moschatus</i> (Musk-plant)	10
NASTURTIUM (Dwarf) <i>Tropæolum nanum</i> ; Tom Thumb; mixed	5
NEMOPHYLLA . Finest colors mixed; 5c per ounce	5
DAMASCENA (Devil-in-a-bush); mixed	5
NOLANA <i>Atriplicifolia</i> ; fine mixed; all colors	5
GENTHERA (Evening Primrose); finest varieties, mixed	5
PANSIES . English; fancy mixed	10
International; mixed	15
Good mixed	5
PASSION-FLOWER (<i>Passiflora cærulea</i>); blue and white	10
<i>Dissemma coccinea</i> ; scarlet	20
PERILLA <i>Nankinensis</i>	5
PETUNIAS . New Dwarf inimitable	15
Countess of Ellesmore; deep rose, white throat.	5
Blotched and striped	10
Fine mixed	5

	Per pkt.
QUEEN OF THE ISLES. A beautiful variety; large flowers, handsomely mottled and striped with blue and red; ounce, 30c.....	10
GRAND BLUE. This is one of the most effective and handsome. It has bright, pure blue wings, slightly shaded with mauve, standard being a deep rich purple touched with rose. Ounce, 20c.....	10
INVINCIBLE CARMINE (Cardinal). Flowers of this beautiful variety are intense crimson carmine; brightest colored of all Sweet Peas. Ounce, 20c.....	10
ISA ECKFORD. Creamy white, suffused rosy pink Ounce, 20c.....	10
ADONIS. Charming rosy pink color; ounce, 15c.....	5
BOREATTON. Crimson color, shaded rose; ounce, 15c.....	5
PRINCESS BEATRICE. Rich carmine rose; ounce, 15c.....	5
PURE WHITE. Flower snow white; ounce, 15c.....	5
SCARLET INVINCIBLE. Rich scarlet; ounce, 15c.....	5
ECKFORD'S GILT-EDGE MIXTURE. Possesses the same delicious perfume as the ordinary varieties, but the flowers are double the size, more perfect in form, and present combinations in marking and colors heretofore unknown. 4 ounces, 40c.; ounce, 15c.....	10
ECKFORD'S FINE MIXED. Four ounces, 30c.; oz., 10c.....	5
OUR OWN MIXTURE. None surpass this make-up from finest new sorts. Postpaid; pound, \$1.25; 1/4 pound, 35c.; 2 ounces, 20c.; 1 ounce, 15c.....	10
SPLENDENS (Pride of California). Brilliant, rosy red	10
Any seven 5 cent packages for 25c.; or, three ten cent and one 5 cent.	
VERBENA. Scarlet Defiance.....	10
Hybrida; mixed.....	15
Fine mixed.....	5

	Per pkt.
VIOLET (Viola odorata) Sweet English; blue.....	10
The Czar; white.....	10
WHITLAVIA grandiflora; mixed.....	10
WALLEFLOWER. Fine Double German; mixed.....	10

ORNAMENTAL CLIMBERS.

	Per pkt.
AMPELOPSIS Veitchii (Japan Creeper or Boston Ivy).....	10
BALLOON-VINE (Cardiospermum, Love-in-a-puff.....	5
BALSAM-APPLE. Fine for fences, trellises, etc.; 20c. per ounce.....	5
BALSAM-PEAR. 20c. per ounce.....	5
CANARY-FLOWER. Bright yellow.....	10
COBÆA scandens; purple.....	10
CYPRESS-VINE. Scarlet; 25c. per ounce.....	5
White; 25c. per ounce.....	5
Scarlet, rose and white, mixed; 25c. per ounce.....	5
DOLICHOS (Hyacinth-Bean; fine purple and white mixed.....	5
GOURDS. See page 13.	
MAURANDIA. Fine mixed; different colors.....	10
MORNING-GLORY. Mixed, finest colors; 15c. per oz.....	5
Moon-flower or Evening-Glory; white.....	10
SWEET-PEAS. Flowering; fine mixed; all colors; ounce, 10c.; 1/4 pound, 25c.; pound, 75c.....	5
Eckford's New English Hybrids; 20c. per ounce.....	10
NASTURTIUM. Tall, fine mixed; all colors; 15c. per oz.....	5
THUNBERGIA. Mixed, finest colors.....	10
PHASEOLUS multiflorus (Running Flowering Beans; scarlet runner.....	5

Plant Department.

Under this heading we offer one of the most complete assortments to be found in this country.

Size and Quality of Plants. 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 full bloom, so that when all danger from frost is over, if not wanted for house culture they can be immediately planted out.

All Plants Named. Every plant sent out by us is distinctly labeled, no matter whether single plants or sets are ordered. **We Guarantee** that every package we send out shall reach its destination in good condition. If a package is lost, or any of its contents are injured on the way, we will send again.

Purchaser's Choice of plants or seeds always complied with if remittance is made at the full single rate, which in all cases accompanies the description. Growing so many different varieties, our stock of some will occasionally become exhausted; to provide for such, we request that an additional plant or two be named at the end of the order from which we may select. This list will not be used except in case of necessity.

Express Orders. When purchasers can afford to pay the express charges we prefer express orders, as in many cases it gives us a chance to furnish larger plants than we can afford to by mail, and we always add gratis plants enough to nearly or quite cover express charges.

TREATMENT OF PLANTS ON ARRIVAL.

The Plants, if in the least wilted, should be placed with paper about them in shallow pans with water comfortably warm to the hand, where they should remain twenty minutes to half an hour; this restores their vigor, revives their leaves and increases their vitality.

Soil, for potting, should be composed of rotted sod about two-thirds, and one-third well rotted cow manure thoroughly mixed together. Where rotted sod cannot conveniently be procured, good, rich garden soil, with the addition of one-third or one-fourth well composted manure thoroughly incorporated together, will answer a very good purpose.

Potting. Do not use too large pots at first potting, one size larger than those that the plants were originally grown in are best, and as the pots become filled with roots the plants should be repotted. Put a few pieces of broken pots in the bottom of the pots and be careful to press the soil firmly about the roots. Do not fill the pots quite full of soil, but leave about half an inch space to receive water. One thorough watering should be given, soaking the soil to the bottom of the pots; place in a sheltered place where they will not be exposed to the wind or sun for two or three days, or until they commence to grow.

HOW TO GET YOUR PLANTS FREE.

Read foot of this page for instructions in getting up clubs. Note our discounts on \$10 orders. You cannot imagine how easy it is to obtain a \$10 order from among your friends, and secure the benefits of this most liberal offer.

Remember these discounts do not apply to collections of plants or bulbs, but to plants and bulbs at prices per single plant or bulb, or seed per packet or ounce.

MAIL CLUBBING RATES.

Your Choice from Catalogue. Raise a Club and Secure Your Plants Free.

Any person sending us \$2 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$2.60.
Any person sending us \$3 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$3.85.
Any person sending us \$4 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$5.25.
Any person sending us \$5 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$6.50.
Any person sending us \$6 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$7.75.
Any person sending us \$8 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$10.50.
Any person sending us \$10 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$15.

EXPRESS CLUBBING RATES.

Don't fail to read what liberal discounts we offer you to have Plants sent by Express. It will more than pay expressage on them, and you usually get larger plants.

Any person sending us \$2 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$3.25.
Any person sending us \$3 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$4.50.
Any person sending us \$4 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$6.
Any person sending us \$5 is entitled to select plants and bulbs (at price per single p't and b.) from catalogue to value of \$8.50.

ACHANIA MALVAVICUSUS.

A vigorous growing plant resembling the Abutilons in habit and growth, valuable alike for bedding or pot culture, blooming profusely throughout the entire year; flowers brilliant scarlet. 10c.

ACHYRANTHES.

A beautiful class of leaf plants, more hardy than the Coleus; used largely for bedding, for which they are admirably adapted.

Brilliantissima. Leaves and stems are of a brilliant ruby red color.

Bismullieri. Dark metallic red color.

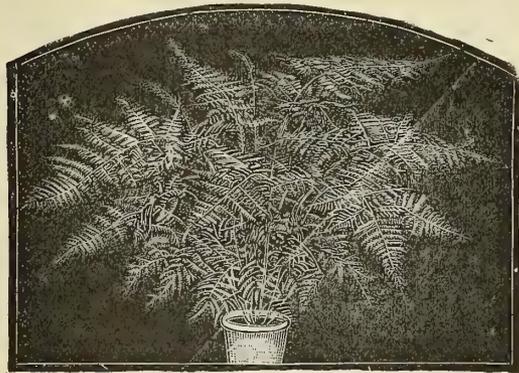
McNally. Golden yellow, veined green.

Emersonii. Leaves bright red, lance shaped 10c. each; per doz., \$1.

ANTHEMIS CORONARIA PLENA.

(Double Golden Marguerite.)

A valuable plant either for pot culture or for bedding out. It blooms very freely at all seasons of the year, and is as easily grown as the old Double White. 15c



ASPARAGUS PLUMOSUS NANUS.

ASPARAGUS PLUMOSUS NANUS.

The stems of this extremely elegant plant are tufted, slender and gracefully arched. From the upper portions the branches, which are finer than the fronds of the most delicate Fern, spread in all directions. The whole plant is of a bright, cheerful green. It is one of the most distinct and effective decorative plants for the stove or warm conservatory. \$1 to \$2.50 each.

NEW MINIATURE CALLA LITTLE GEM.



This beautiful little floral gem originated in the Guernsey Islands, and is one of the finest novelties offered in years. It is in appearance a true miniature specimen of the old Calla; rarely ever growing over ten or twelve inches high, and commences to bloom when only six or eight inches. 35c. each, 3 for \$1; strong plants 60c. each, 2 for \$1.

CALLA.

Ethiopia.

A favorite old plant for house culture, with large leaves and white trumpet-shaped flowers. 1st size, 50c.; 2d size, 25c.

Spotted Calla (RICHARDIA ALBO-MACULATA). The leaves in this species are spotted with white, thus making it an ornamental plant even when out of flower. The spathe is smaller than in the preceding, and purplish in the throat; dormant tubes. 15c. each, \$1.50 per dozen.

ABUTILONS.

Beautiful flowering shrubs, growing from two to four feet in height. Flowers pendulous, bell-shaped; produced in great abundance. Planted in the open ground during the summer, they are fine border or bedding plants, and if potted in the fall will continue to bloom all winter.

Golden Fleece. A bright golden yellow Abutilon of strong, bushy habit and very free flowering. An excellent sort for pot culture. 15c.

Boule de Nège. Pure white, bell-shaped flowers; very freely produced, even on small plants. 15c.

Pink Perfection. Light rosy pink.

Sensation. Flowers very large; color deep orange red, veined with crimson.

Thompsoni Plena. A variety with perfectly double flowers; color rich deep orange, shaded and streaked with crimson. 15c.

Purity. Pure white.

Eclipse. A pretty trailing variety with large foliage beautifully marked with deep green and yellow. Flowers bright yellow with crimson throat; fine for vases or large hanging baskets. Except noted 10c each, \$1 per doz.

ALTERNANTHERAS.

Used principally for ribbon lines, borders, or for forming carpet beds.

Aurea Nana. Bright yellow.

Rosea Nana. Tinted carmine and rose, compact.

Parychoides Major. Tinted crimson and scarlet. 10c. each; \$1 per doz.; \$3.50 for 50.

ANTHERICUM VARIEGATUM.

Valuable as a decorative plant; suitable either for greenhouse, parlor or dinner table. The foliage a bright grassy green, striped and margined with creamy white. 20c.

AGERATUM.

A native of Texas, but still greatly admired for its freedom of bloom. Also good for winter blooming. 10c. each; 75c. per dozen

John Douglass. Dwarf; blue; very compact.

White Cap. New. The best white variety.

AQUATICS.

NYMPHÆ ODORATA.

Our native Water Lily; flowers pure white and very fragrant; when grown in rich mud it will produce flowers 6 inches and leaves 18 inches across. 30c. each; \$3 per dozen.

NELUMBIUM.

Speciosum. This is the true Lotus of Egypt, and is one of the loveliest of the Water Lilies. The flowers, when just expanding, are of a beautiful rosy pink color; when open, they are of a creamy white and pink, and are very fragrant. They open in the morning and close in the afternoon. It is a very interesting plant, and has been an immense success everywhere. Strong roots, \$1 50.

Luteum (American Lotus). Though a native of this country, it is not common. There is scarcely any difference between this and N. Speciosum, except in the color of the flowers, which are of a rich sulphur yellow. They are as large as a quart bowl, and have a strong fragrance, entirely unlike that of a Nymphae. Still, warm water and very rich soil are the conditions for success with these noble plants. A large patch of them, with hundreds of flowers and buds, is a sight never to be forgotten. 75c each; \$7.50 per dozen.

THE BEAUTIFUL ORCHID WATER HYACINTH.

Can be grown in the open air in summer and in the windows in winter, in anything which will hold water. We recognize it as a novelty of decided merit. Price, fine plants, 10c each, 6 for 50c.

ALOES.

Cactus-like plants, desirable for rock-work or for the house. 25c.

BEGONIAS.

A handsome class of flowering plant, but, we are sorry to say, they do not stand our hot climate. Their handsomely veined leaves and tender fleshy stocks will not stand the sudden changes. We name a few of the hardiest varieties, which we have found to do very well, indeed. Unless noted, 10c, 12 for \$1.

Alba Picta Rosea. A vigorous growing variety; a seedling of Alba Picta and Rubra Foliage. Intermediate in size, between Alba Picta and Rubra. Deep rich green, spotted white flowers on long stems, similar to Rubra; very free flowering. 10c.

Rubra. One of the finest Begonias in cultivation. Its dark, glossy green leaves combined with its free flowering habit, make it one of the very best plants for house or conservatory decoration. The flowers are a scarlet rose-color, and are produced in the greatest profusion.



BEGONIA—RUBRA.

Argentea Guttata. A cross between Olbia and Alba Picta. This variety has the silvery blotches of Alba Picta and the

form and beauty of *Olbia*. Purple bronze leaves, oblong in shape, with silvery markings. White flowers on the tips of the stems. Fine for house culture. 10c.

Vernon. A variety of unusual merit as a bedding sort, flowering fully as freely when planted out as when grown as a pot plant. It begins flowering when first planted and continues throughout the whole season until stopped by frost. Foliage, rich glossy green, often shaded deep bronze. Flowers at first opening are a deep red, changing to a beautiful clear rose in the fully open flower. 15c.

Margarita. It grows in round bushy form; leaves bronze green, with purplish cast. Very free flowering. Large trusses of delicate cream and rose-colored flowers.

M. de Lesseps. In the style of *Argentea Guttata*, but with much larger leaves, beautifully spotted with silver. A very strong growing sort that will do well and give satisfaction with any ordinary care. 15c.

Metallica. A fine, erect-growing *Begonia*, with dark, rough leaves; the surface is a lustrous bronze green; veins depressed and dark red. A free bloomer. The panicles of unopened buds are bright red, with surface like plush; when open the flower is waxy white. This *Begonia* is a splendid house plant. 15c.

McBethii. Of the *Weltoniensis* type, with very deeply indented leaves, which are fine and small. Shrubby in growth, and very free flowering, being constant the year round. White flowers waxy in texture, and carried in panicles.

Ricinifolia. Very large palmate leaves, and showy, rose-purple flowers; stems red; leaves silvery and dark green marked. 25c.

Robusta. Bright carmine flowers; very free bloomer.

President Carnot. A remarkably strong growing variety of stiff, upright habit; foliage very large, somewhat in style of *B. Rubra*, but more than twice as large; upper side deep green, under side purplish red; flowers beautiful coral red in large pendant panicles. A grand acquisition to our list of flowering *Begonias*, and one that is sure to succeed well under all circumstances. 25c.

Richardsoni. Foliage finely cut and fern-like, very profuse flowering; flowers pure white.

Rubella. A very ornamental Indian species, belonging to the *Ricinifolia* section. Leaves irregular, blotched red on a pallid ground, ribs banded with purplish brown, under surface red.

Subpeltatum Nigricans. A variety with rich bronze leaves, flowering very freely. Flowers of a bright pink color. 15c.

Sanguinea. Leaves dark, glossy olive green, under side deep red, flowers white. 15c.

Souv. de President Gaulain. Foliage large, somewhat lobed, deep green, slightly spotted white. In the new growth the leaves are carmine on under side; flowers in enormous pendant panicles eight to nine inches across; rich carmine coral color, extra fine. 20c.

Sandersoni. A bushy growing variety with glossy, deep green leaves; flowers in clusters of drooping, scarlet, heart-shaped buds; an almost constant bloomer.

Rex Begonia. Handsome veined leaves, very showy. Choice plants 15c. to 25c. each.

NOVELTIES IN CARNATION.

Daybreak. Flowers large, very full and high centers, petals thick, of heavy texture, lasting a long time when cut. Color a delicate pure bright flesh with no salmon shadings. A free blooming long stemmed variety. 20c.

Constancy. Color rich glowing scarlet, flower large size nicely fringed. A strong, vigorous, healthy grower with flower on long stiff stems. One of the best of its color for winter flowers. 20c.

Grace Darling. A healthy, vigorous, medium sized grower, and an early, profuse and continual bloomer. flowers borne on long stems, symmetrical and large, 2½ inches in diameter, corolla full and double. Calyx never bursts, and in color a pure, exquisite pink. 25c.

Golden Triumph. The plant is healthy, vigorous and of medium height, continuous bloomer, and will flower twelve months in the year. The flower is in color a canary yellow, does not break its calyx, fully double, stiff stems; very large size. 25c.



Puritan. Flowers of the finest white, of large size, 2½ to 3 inches, very full and of good substance, lasting if well grown long after being cut. It is also quite fragrant, and an early and continuous bloomer. Plant is of excellent habit, a strong bushy grower of medium height, and healthy constitution. 25c.

American Flag. A strong, vigorous grower and profuse bloomer. Very fragrant. The finest striped carnation yet produced. The color is distinct from any other variety; being distinctly and regularly striped vivid scarlet and pure white. 20c.

Fred Dorner. Bright, deep scarlet, a most perfect color, soft yet brilliant; the flower is of the largest size, perfectly double; nicely fringed and sweet. 15c.

Fred Creighton. Blossoms very large and full and borne on long strong stems. Color a soft, delicate pink; very clear. 15c.

Golden Gate. A beautiful new golden yellow Carnation with not a particle of stripe or foreign color; full and double; free, vigorous and healthy grower and continuous bloomer. 20c.

Hinze's White. Flowers very large and of perfect shape; color white, with a delicate creamy tint, rich clove fragrance. 10c.

Lizzie McGowen. A grand white variety. It has a very pure white flower, very large; often measuring 2½ to 3 inches in diameter. The calyx never bursts, and the flowers, which are very fragrant, keep fresh a remarkable length of time after being cut. 15c.

Mrs. Fisher. A fine, new, white Carnation, flowers large, full and fragrant. The flowers are of good substance and being very full and double, last well when cut. 10c.

Portia. The most intense bright scarlet; strong habit of growth; the flowers are of medium size and very freely produced; a fine variety. 10c.

BRUGMANSIA ARBOREA.

(Giant Ghost Flower.)

Angels' Trumpet and Wedding Bells are some of the names given to this very valuable plant. It is really one of the very best plants known, and bound to delight, far beyond your expectations, when in bloom. The flowers are drooping, bell-shaped, over a foot long and eight or nine inches wide, of a creamy white color and very sweet scented. 30c. each.

NOVELTIES IN NEW LARGE FLOWERED FRENCH CANNAS.

Madam Crozy. Flowers flaming scarlet, bordered with a distinct band of golden yellow. A marvelous combination of colors, having all the delicacy and beauty of the rarest orchids. This *Canna* is one that everyone can succeed with as



MADAM CROZY.

it will grow in the open ground as readily as the common

varieties of Cannas which have been so largely used in sub-tropical gardening. These plants produce the tropical luxuriance of foliage of the common kinds, to which is added the gorgeousness of their flaming panicles of bloom, which are borne in immense heads at the terminus of every shoot. When the large size of the flowers and the large heads of bloom are taken in connection with the freedom with which it blooms, it makes one of the most attractive plants for bedding that it is possible to conceive of. Strong plants, 35c. each; 3 for \$1; \$3.50 per dozen.

Star of '91. This variety grown as a pot plant makes one of the showiest plants imaginable for greenhouse or conservatory decoration in winter. It is a dwarf, compact grower, rarely exceeding 2½ feet in height, and is a perpetual bloomer, summer and winter, if kept growing; flowers very large, in large, compact panicles; color rich, glowing orange scarlet, faintly banded with golden yellow. It is equally as valuable for bedding as for pot culture, and may be bedded out in summer and potted in fall for winter flowering. 30c. each; 3 for 80c.; \$3 per dozen.

Alphonse Bouvier. This is the grandest of all Cannas for out-door bedding. It is a very luxuriant grower, in good ground, with good cultivation, growing six to seven feet high. It begins to bloom very early, and is one continuous mass of crimson the entire season. The tips of the shoots are surmounted by immense clusters of bright crimson flowers of the very largest size, and nothing can exceed their brilliancy. It has a peculiar habit of drooping the lower cluster a trifle as the second flowering shoot begins to push above the first, and the shoots flower two, three or more times, one after the other, a large plant in bloom sometimes having as many as thirty or forty of these large brilliant clusters of flowers. 20c.; 6 for \$1.

CHRYSANTHEMUMS.

Culture Directions. The Chrysanthemum thrives well in any good, rich garden soil; its only requirements are plenty of water and sunlight. In planting, give each plant a space of at least two feet square, as, if well grown, they will touch each other by October 1st at this distance apart. As they flower only on terminal branches, the tops of the young plants should be pinched out when five or six inches high. Allow four shoots to grow from this main trunk; when these four shoots are four inches high, pinch out the terminal bud, and save three or four of the branches that will spring from each of these limbs. Allow these last branches to attain a height of six inches, then pinch out the tops for the last time. This should not be later than August 1st; after this they should be allowed to grow undisturbed. If wanted for in-door blooming, they should be lifted about October 1st and potted. Give a thorough watering and set in a shady place for a few days. Afterwards expose them to the full light, but do not keep them warmer than 45 or 50 degrees.

If large size flowers are wanted, allow only one flower to each branch, pinching out all but terminal buds as fast as they appear. We have spared no expense in procuring the best of the new varieties, and have carefully weeded out any of inferior quality, so that our customers may rely on any sort they may select as being desirable in every respect.

GOLDEN WEDDING.

This is undoubtedly the grandest golden yellow variety ever introduced, and is the marvel of the period. Nothing can exceed the richness of its color; it is unrivaled in this respect. It is a remarkably vigorous grower, and has such strength of stem that it carries its great globular flowers erect, giving it a bold, majestic appearance. The form of Golden Wedding is unique; the outer petals droop downward in picturesque irregularity, the center of the flowers is built high, with broad petals irregularly overlaid, so that although the flowers are so large they are not heavy, solid-looking, like many others. For this reason alone, it will no doubt, supersede all other yellow varieties with the public. This grand variety has been awarded the highest honors wherever exhibited. When first shown in Philadelphia, in the fall of 1891, it was given a silver medal; exhibited there the past season, the judges unanimously pronounced it the finest yellow in existence. At the exhibition in Madison Square Garden, New York, 1892, it was awarded the Silver Cup offered by "Garden and Forest" for the best vase of six flowers. It was awarded the Silver Cup offered by Mrs. W. Bayard Cutting for the best vase of fifty flowers, and it won First Prize in the special competition for the best vase of yellow. This is certainly a most wonderful record. At the exhibitions last fall it was conceded to be the finest yellow variety shown, and it will undoubtedly retain that position for years to come. Price, 25c. each; \$2.25 per dozen.

NIVEUS.

A grand show-white variety. Center irregularly incurving, with outer petals reflexing nearly to the stem. Constitution robust, foliage large and abundant, while the keeping qualities of the flowers are unsurpassed. Without doubt, the best seedling of the year. Winner of the Gold Medal and \$100 at Cincinnati; the Periam & Thorpe Special Prizes at Chicago. Also \$25 at Indianapolis, and the same at Bay City, as the best seedling, any color, for 1892. Also Certificate at Springfield. 25c.

GOOD GRACIOUS.

Another introduction from Japan, and so remarkable for size as to suggest its name; the first sight of it usually brings forth an exclamation of admiration. The color also is unique, being a delicate shade of peach pink throughout. The form is remarkable, the petals are incurved and twisted, overlapping each other in irregular fashion, and resembling talons. Of all the splendid varieties introduced from Japan, this is perhaps the most remarkable for size, form and color, and stands alone in its unique beauty, there being nothing at all approaching it. Price, 25c. each; \$2.25 per dozen.

Special offer. One each of the three "Gem" Chrysanthemums for 50c.

A Prize Collection of Large Flowered Varieties, All Excellent Cut Flower Sorts.

NOVELTIES Taken from the Chrysanthemum Show at Chicago, New York and Boston, November, 1894.

Adolphe. Lavendar pink, globular; a striking color. Something good of its kind. 15c.

Avery, Mrs. C. D. Yellow; beautiful color. 15c.

Cannell, H. Globular; valuable; pale yellow. Good for variety sake. 15c.

Wanamaker, Miss Minnie. Flowers of very large size, creamy white; incurving from first opening to finish when it appears like a huge snow-white ball. One of the very best white varieties for all purposes. This variety received first premium for best white at the great Chrysanthemum show in New York last November. 15c.

Lincoln, Wm. H. A magnificent golden yellow variety,



with straight, flat, spreading petals. An extra large flower, completely double, and of great substance. 15c.

Exquisite. Color a beautiful soft rose. Fine, large, full, double flower on strong, stiff stems. Extra fine. 15c.

Adams, Mrs. E. D. Flower very large; petals of medium width, very long, twisted, the outer ones twisted, as if the flower had been turned swiftly on its stem; color pure white. 15c.

Orange Queen. A seedling of Cullingfordii, color at first opening a deep bright crimson, changing in the matured flower to a peculiar shade of bright orange red, plant of good habit and when well grown the flowers form perfect orange balls. 15c.

Craig, Mrs. Robt. Pure snow white, incurved to form a perfect sphere, very large, perfectly double, and with the breadth of petal and grandeur of build found in the Japanese class. 15c.

Morrel Vivand. Extra large flowers, petals long and loosely arranged, a beautiful light shade of pink; color very silky. A grand variety. 15c.

Simpson, Mrs. Maria. Color soft chrome yellow. A fine sample of the broad-petal, incurved, Japanese type; showing no center; very large; a fine grower, with stiff stems. 15c.

White, Jos. H. A large white variety, with upright, Dahlia-like petals, forming a nicely rounded flower of great substance and perfect purity of color. A fine grower with strong stems. 15c.

Ivory. One of the very best varieties for pot culture or cut flowers. A pure white flower of exquisite form and finish; petals stiff and lasting; plant a vigorous, healthy grower with fine large foliage. As a specimen plant for pot culture we have nothing better. 15c.

Arnold, Mr. Hicks. A strong growing and floriferous variety, bearing large, full, double flowers of an old-gold color, lighting up wonderfully by artificial light. When fully open the flower is almost spherical. The freest-growing variety known, and one which may be grown with success for almost any purpose. 15c.

Robison, Miss Bertha N. Flower rose-pink, with red center; very early, of large size and good substance. One of the earliest and best varieties for exhibition purposes, either for pot plants or cut flowers. 15c.

The entire set of 15 for \$2.25.
20 Chrysanthemums, our selection, all choice named varieties, free by mail for \$1.

General List of Good Varieties.

Andiger, Ed. Dark wine-crimson, whorled center; one of the best of its kind. 10c.

Atlanta. Very large; color hard to describe. 10c.

Bird, Lillian B. Very large flowers, long quilled petals; color a very clear flesh pink; very showy. 10c.

Bates, Lilly. Large incurved French white; good grower; handsome. 15c.

Boehmer, Louis. This is identical in its strange and beautiful formation with the above variety, but its color is an exquisite shade of silvery pink, with deep rose on the inside of the petals; it is of vigorous constitution, being one of the strongest growing varieties we have, so that it is certain to produce perfect flowers under the most ordinary cultivation. 15c.

Bawn, Mollie. Valuable on account of size, shape and purity; purest white. 15c.

Balsly, Harry. A magnificent variety of the Hallock type; fine for cut flowers. Cathrine Mermet, pink. 15c.

Clark, Mrs. Irving. Pearly white on the margin, shading to deep rose in the center, which is beautifully whorled; reflexed; very large and distinct. 20c.

Childs, George. Deep, rich, velvety crimson, with no shade of brown or chestnut, a grand red sort. 15c.

Cleveland, Ruth. A chaste and beautiful acquisition, of large size; petals broad and cap-shaped; outer rows reflexed; inner ones incurved, forming a high-built center; of most delicate silvery pink. 15c.

Cullingfordii. Rich shade of crimson, most regular form; extra. 10c.

Drexel, Mrs. A. J. Crimson lake, very showy color. 10c.
Doner, Emma. Large ball-shape flower of fine substance; deep violet pink. 10c.

Lyon de Etoile. Large flower of pearl white to soft lilac. 10c.

Excellent. An exquisite shade of delicate shell-like pink, large finely formed flowers, gracefully drooping and double to the center. 10c.

Hardy, Mrs. Alpheus. (Ostrich Plume.) The flowers are large, of thick substance, perfect shape, and belong to the incurved Japanese section, while the color is of the purest white. Its unique character consists in its fine dony appearance, which is produced by the glandular hairs which cover the petals. 15c.

Hallock, T. H. Delicate mignon pink, flat flowers of large size. 10c.

Hatch, Edward. Flowers of immense size, almost spherical, outer petals recurving slightly; soft lemon, suffused with pink. 15c.

Hill, E. G. Deep golden yellow, with bronze shadings. 10c.

Jeffords, Marguerite. Color buff; very fine flower. 10c.

Judge Holt. (Anemone flowered.) Color lavender; one or the few large enough to be worth growing. 10c.

Kiota. Color yellow; very fine bloom; without a fault; good. 10c.

Kruger, C. Nankin yellow; good in any collection. 10c.

Ki Ku. The lower petals are broad and flat, of deep pink color; center petals silvery pink, long and tubular; large flowers, strong stems, very distinct. 10c.

Kimball, Mrs. W. S. Flower very large, full, double; pale blush or creamy white with a yellowish center; petals very broad, reflexed. One of the best for exhibition. 10c.

May Harry. Bronze yellow. One of the best of the bronzes. 10c.

Manda, Miss Annie. (Pitcher & Manda) Flower very high and compact, perfectly double, incurved; of the purest white. The numerous petals are well furnished with long glandular, hair-like outgrowth, giving the flower a unique appearance, far surpassing in attractiveness the celebrated Mrs. Alpheus Hardy. The plant is of a strong and vigorous habit, carrying the flower erect on a stout stem. Another

great recommendation of this new variety is that the flower is sweetly scented. 20c.

Miller, John F. A soft, pleasing shade of pink; flower of good size, quite double and early. 15c.

Molyneux, Edwin. Large flowers; a most distinct variety; rich chestnut crimson, golden reverse; very large. 15c.

Olga. Soft rose, with magenta shading; well-built flower.

Princess of Chrysanthemums. Beautiful blush pink; good for exhibition. 10c.

Rohallion. Japanese reflexed; of great depth, petals long, twisted, open at the end; of beautiful dark chrome-yellow, strong grower and one of the most distinct Chrysanthemums known. 10c.

Thompson, Mrs. Frank. Large, incurved broad petals, lined and mottled deep pink, with silvery back. 10c.

Vaughan, J. C. Rich plum-crimson; good size and good grower. 15c.

Widener, Harry E. A leading yellow variety. Flowers very large, on stiff, stout, erect stems; bright lemon-yellow. 25c.

Whilldin, Mrs. J. G. A handsome yellow variety of light tint, fine, large size and splendid form. A magnificent addition to the scarce, very early, large flowering varieties. Whole large greenhouses are devoted to this variety in the East for cut flower purposes. 20c.

COLEUS.

We can supply the choicest varieties in large quantities at very low prices. Correspond with us if you want to plant a large bed. No plant gives better satisfaction for foliage effect.

Price, 5c each; 50c per dozen.

Captivation. The deeply toothed leaves are bright green, with a feathered center of sulphur yellow, which is flushed with a pale tint of rosy purple.

Flambeau. Richly colored, exceedingly attractive.

Firebrand. Maroon, flamed and shaded with brilliant fiery red.

Golden Bedder. Bright golden yellow

John Good. Yellow.

Clare. Velvety crimson, green margined.

Kentish Fire. Bright carmine; crimson and green serrated edge.

Mrs. Cooper. Golden yellow, green margined.

Mrs. J. Schultz. Bright golden yellow ground, with bright scarlet and carmine markings.

Mrs. Humphreys. Light scarlet, rimmed yellow.

Negro. Very dark foliage.

Prince of Prussia. Crimson-scarlet, yellow margin

Progress. Dark olive-green, blotched with purple, crimson and gold.

Rainbow. Maroon, yellow edge.

Speciosa. Green, with light yellow center.

Setting Sun. Rich bronze crimson, bright golden edge

Spotted Gem. Yellow, blotched crimson, green and orange; very effective.

Verschaffeldii. Rich velvety crimson; one of the best for bedding out.

DAPHNE INDICA.

An evergreen greenhouse shrub, with fine pinkish white, deliciously sweet flowers; blooms from January to April. 50c.

DIANTHUS.

Double hardy pinks; of rich colors, and sweet clover scent. 75c per doz.

DAHLIAS.

Well known autumn flowering plants, growing from two to five feet high and producing a profusion of flowers of the most perfect and beautiful form, varying in color from the purest white to the darkest maroon. Dry roots, 15c each; nice young plants, 10c each; \$1 per dozen.

ERPHORBA SPLENDENS.

This is a curious plant, having but few leaves, but is covered over with thorns one-half inch long; blooms freely in winter and summer; scarlet flowers in clusters. Price, 20c. each.

FICUS ELASTICA.

(India Rubber Tree). Very large, smooth, leathery leaves; evergreen foliage; generally esteemed one of the finest house plants; a very fine plant for lawn or bay-window. Nice plants, 25c. to 50c. each.

FUCHSIAS.

Fuchsias require a light, rich soil, and may be grown either as pot plants or in a sheltered border. In either case they should be protected from the mid-day sun and from heavy currents of air. They require plenty of water and partial shade. 10c, except where noted.

Abbie Garnier. Sepals red, corolla short and double, violet blue marked bright rose

Black Prince. Single; tubes and large sepals, waxy car-

20 Chrysanthemums, all named, for \$1, free by mail.

mine; corolla pale pink, large and wide open. A fine single variety.

Covent Garden White. White tube and sepals; corolla rose.

Mad. Vander Strauss. Fine large flowers, sepals deep red; corolla white, large and very double.

Molesworth. Sepals red, nice y recurved; large, double pure white corolla. One of the best.

President Carnot. Free flowering, of splendid habit; corolla double; violet; sepals wine red.

Rosain's Patrie. An early free blooming double white variety; tubes and sepals rosy carmine, corolla pure white; extra fine.

Rose of Castile. White tube and sepals, purple corolla.

Storm King. (Frau Emma Topfer.) A free growing variety of rather slender and drooping habit; one of the most persistent bloomers. The flowers are of extraordinary large size and very double; corolla a beautiful bluish white, veined with carmine; tube and sepals carmine red. 15c.

Mons. Thibaut. Tube and sepals dark red; corolla rose-mermillion, tinted violet; single.

Phenomenal. The tube and sepals bright coral red, beautifully formed; the corolla, nearly two inches across, is of the very richest violet shade; the habit is remarkably free, and it is one of the finest bloomers among the large varieties. 15c

Speciosa. Pale red tube and sepals; dark red corolla.

FERNS.

Good assortment, 25c. to \$1 each. Handsome specimens of Maidenhair ferns, 50c. to \$1 each; smaller plants 15c.

GLADIOLUS.

The Gladiolus is the most beautiful of the summer of tender bulbs, with tall spikes of flowers, some two feet or more in height, often several from the same bulb. The flowers are of almost every desirable color; brilliant scarlet, crimson, creamy white, striped, blotched and spotted in the most curious manner. Set the bulbs from six to nine inches apart and about four inches deep. Plant from middle of March to first of June. It is a good way to plant at two or three different times, ten days or three weeks apart, giving a succession of bloom from July to November. In the fall, before hard frost, take up the bulbs, remove the tops, leave to dry in the air for a few days, and store in a cool place, secure from the frost until spring. 10c. each, 75c. per dozen.

GNAPHALIUM LANATUM.

A downy white foliaged plant of creeping habit, admirably suited for front lines of ribbon borders; also a fine basket plant. 10c.

HIBISCUS.

A beautiful class of greenhouse shrubs, with handsome glossy foliage and large showy flowers, often measuring six inches in diameter; they succeed admirably bedded out during the summer.

15 cents, each, except where noted.

Aurantiaca. Large double orange-colored flowers. 20c.

Collerii. Double flowers, buff-yellow, with a scarlet base, very distinct; a new variety from the South Sea Islands.

Cooperii. Beautifully variegated foliage, white, green and pink

Grandiflora. Rich, glossy foliage, with crimson-scarlet flowers.

Rosa Sinensis. Bright red, single flowers.

Miniatus. Semi-double flowers, brilliant vermilion-scarlet; very handsome.

Rubra. Double variety, with large red flowers.

Sub-Violaceous. This is the largest flowering of the Hibiscus family; of a beautiful shade of bright crimson, tinted with violet.

Versicola. Very large single flowers, beautifully striped crimson, rose and white.

Schizopetalus. A beautiful and distinct kind, with drooping pendulous, reflected, orange-red and lacinated petals; highly valuable for training to the pillars of greenhouses; of climbing habit. 20c.

Dennisonii. The most distinct of all Hibiscus. Color a delicate carmine, and as the flower gets older changes to pure white. 25c.

Zebrina. Double, striped and variegated red and yellow.

HOYA CARNOSA.

(Wax-Plant.)

A climbing plant, with thick, fleshy leaves, bearing flesh-colored, star-shaped flowers; one of the best plants for house culture, as it stands the extremes of heat and cold better than most plants, and is not easily injured by neglect. 15c to 25c.

GERANIUMS.

No class of plants is more generally cultivated than the Geranium. A group of scarlet Geraniums is a dazzling sight from April to November. Wherever we go where plants are

grown in any part of the civilized world, we find the Geranium, at once useful and beautiful, and entirely eclipsing by its mass of bloom and brilliant coloring its more aristocratic and costly neighbors. Where used in connection with althernanthera coleus and other foliage-plants, they make an attractive display. The Geranium family is so extensive and varied that we have deemed it desirable to offer only the best varieties adapted to the South. Plants intended for winter-blooming should be grown in pots through the summer and not be allowed to blossom. Geraniums, to bloom well in the house, require to be kept quite cool, and to have plenty of air; those blooming all summer can hardly be expected to continue all winter

Our selection, all labeled, 20 for \$1.

GERANIUMS. New Varieties.

We take great pleasure in offering the following collection of Geraniums, knowing that for profusion of bloom and size of flowers, they are unsurpassed. Some of the newer varieties are immense. The following are selected from the latest European importations, and the cream of recent American novelties.

10c each, \$1 per dozen, except where noted.

NEWEST DOUBLE GERANIUMS.

Angra Pequena. Very large truss; semi-double; soft shade of red. Very fine.

Admiration. A bright carmine-crimson; very large flowers, fine trusses; a grand variety. 20c.

Baron de St. Dedier. Orange, bordered white; large truss of finest form. 15c.

Bruanti. A new semi-double variety quite distinct in its character. The leaf is round and nicely zoned, having greater texture and substance than the most vigorous of the older varieties. Color of the flower is a light vermilion-red of the most pleasing shade; the flowers are perfect in shape and borne in immense spherical balls often measuring eight inches in diameter. It does finely in the open ground and is perfectly reliable as a bedding geranium. As a pot plant for home cultivation it will give the greatest satisfaction. 15c.

Beauty of Kent. The most lovely round flowering salmon geranium ever sent out. The florets are very large. 35c.

Cannell's Favorite. It is rare indeed to get a zonal of the distinct and pretty new color of this variety—rose shading to carmine, with two petals of scarlet, white eye. Attracts the attention of all. 30c.

Contre-Amiril Knorr. Cherry, shaded with lilac, upper petals distinctly marked with orange. A first-class sort. 15c.

Conte Turati. Large truss; very large round florets; brilliant flame color. Desirable.

Contraste. Flowers and trusses very large; lower petals orange and carmine, upper and center petals clear orange, making a contrast of colors that is very beautiful. 15c.

Edward Koch. Flowers very large, brilliant cinnamon color at the center. Very beautiful and one that is valuable.

Esperance. Flowers full and of the same beautiful color as rose "Malmaison," with a salmon center. A beautiful variety.

Fratelli Ferrario. Bright orange-apricot color. A variety that we can recommend highly

Gen. de Courcy. Enormous sized spherical trusses, flowers very full; brick-red in the center, changing to a salmon-rose, marked with white; a fine and valuable variety. 20c.

Gloire de France. Large round florets of wax appearance; colors carmine and white, with carmine center; each petal delicately edged with carmine. An excellent pot variety, to which its habit is finely suited. 15c.

Gripper Banks. Produces the largest truss of orange-scarlet flowers of any double in cultivation. Very fine 35c.

Baron de St. Debair. Orange, bordered with white; large truss of finest form, perfectly double. 20c

Newland's Mary. A better variety in every respect than the old Master Christine, which has hitherto brought forth more expressions of satisfaction than any other zonal. 20c.

Poete Nationale. Delicate pink, deepening to soft peach bloom.

Sam Sloan. An extra fine velvety crimson, carrying immense trusses in great quantities; an excellent bedder, unrivalled for producing masses of deep bright red bloom.

Souvenir de Mirande. The greatest novelty in new geraniums that has appeared for a number of years. It is entirely distinct from any other variety known, and is quite different from the usual market varieties that have from time to time made their appearance. It has round florets, upper petals creamy white, with a distinct rosy pink border, lower petals salmon-rose, streaked with pure white—a most novel color. It is extremely free flowering, and produces fine trusses of its magnificent blooms. Nice, strong plants, 20c each.

Swanley Gem. Color rosy salmon-red, with large white eye.

GENERAL COLLECTION OF DOUBLE GERANIUMS.

10 cents each; \$1 per doz.; \$6 per hundred, except where noted.

Asa Gray. Light salmon-pink; dwarf; very free flowering and an excellent bedder. \$6.50 per 100.

Write your orders plainly and keep a copy yourself.

Alba Perfecta. White, tinged pink.
Amazon. White.
Belle France. Rich purple, bordered amaranth, upper petals spotted white.
Bouant. Brilliant sparkling vermilion.
Coquet. White.
Chas. Darwin. Rich violet-purple.
C. H. Wagner. Crimson.
De Brazza. Bright madder-orange. 15c.
Double Red. This is not a distinct variety, but a collection of the best double scarlet and crimson varieties. A bed of Double Reds on our grounds produced more fine blooms than any other on the place. As we grow great numbers of them, we sell them at 75c. per dozen; \$4 per 100.
Delobel. Bright scarlet.
Grand Chancellor Faidherbe. Dark soft red, shaded maroon.
Gen. J. A. Garfield. Soft rose.
Hofgartner Eichler. Large truss, salmon and bronze.
Henry Cannell. Intense scarlet.
Hazle Kirke. Crimson purple.
Iroquois. Fiery scarlet.
L'Elysee. Rose color.
Lena Woods. Crimson-scarlet
La Niagara. Fine pure white.

M. Hardy. Large flower of lilac and tender rose.
Mad. Thibaut. A beautiful rich rose color, shaded with carmine-violet; one of the best double bedders.
Orange Perfection. Enormous trusses of orange-vermilion flowers; a constant bloomer indoors or out. 15c.
Ruby Triumph. Crimson-scarlet.
Remarkable. Bright crimson; very free; good truss.
Richard Brett. Peculiar light scarlet.
Robert George. Deep crimson-scarlet; large.
Stanislaus Malingre. White and pink.

SINGLE FLOWERING GERANIUMS.

10 cents each; \$1 per dozen; \$6 per 100, except where noted.

Anna Scott. Deep crimson, shaded maroon.
Aurora Borealis. Orange-flame color.
Bamford's Glory. Bright clear scarlet.
Bishop Simpson. A very large variety, with large trusses of rich salmon flowers.
Gen. Grant. Dazzling scarlet, large truss; one of the best. \$6 per 100.
Gen. Sherman. Bright scarlet.
Mrs. J. M. Garr. One of the finest single white bedders
 The plants are a mass of bloom all summer. 15c.

Kate Patterson. Beautiful clear salmon-orange.

Miss Blanche. Deep purplish pink.

Mrs. J. P. Anthony. White, with rosy salmon.

Mrs. Garfield. White.

M. Chevreul. Bright amaranthine red.

Mary Hallock Foote. Clear pale salmon, with large white eye.

New Life. Bright scarlet, striped with white.

Pres Simon. Bright, clear red.

Queen of the West. Bright orange scarlet; has large trusses and is a profuse bloomer.

Scarlet Bedders. This is a collection of the best single scarlets, selected from the best and healthiest beds, regardless of names. They are all well grown, healthy plants. 75c per dozen, \$4 per 100.

VARIEGATED-LEAVED GERANIUMS.

Their rich, striking foliage makes them desirable for baskets, stands or bordering single plants. 15c each. \$1 50 per dozen.

Corinne. Clear golden yellow foliage, flowers bright, double scarlet flowers.

Crystal Palace Gem. The reverse of Happy Thought; center of leaf green, with broad band of light yellow; one of the best of its class.

Distinction. Foliage green, with a narrow jet black zone, very neat and distinct; 20c each.

Mountain of Snow. Green edged with pure white.

Mad Sallerol. The leaves are deep olive green in the center, with a broad white margin; compact habit, dense foliage, good for pots or border. 10c each, \$4 per 100.

IIVY-LEAVED GERANIUMS.

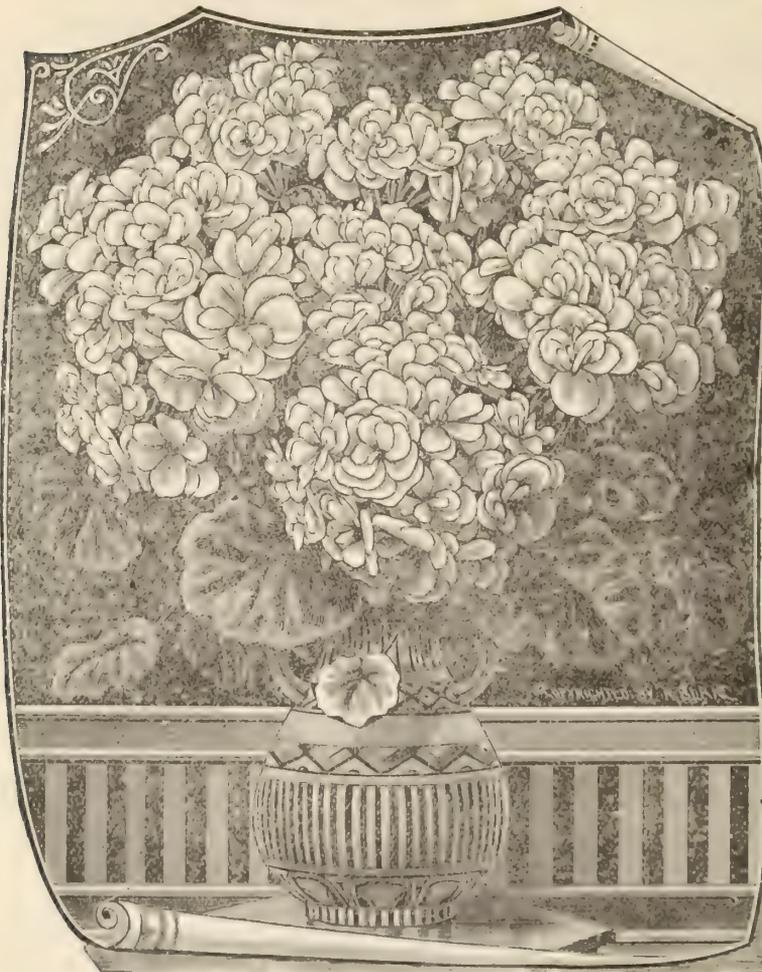
This class of Geraniums, from their graceful growth and beauty of flowers and foliage, are favorites wherever grown. They are remarkably adapted to vases or baskets, rock work, etc., and also desirable for pot culture in the house. The last few years have brought us many fine sorts: 10 cents each.

Anna Pfitzer. Flowers very large, semi-double clear rose.

Comte Horace de Choiseul. Plant vigorous, leaves without zones, flowers very large, double and imbricated, in good trusses, bright golden salmon.

Comtesse Horace de Choiseul. Beautiful satiny rose, shaded towards edge of petals white; most charming variety.

Spalding's Pet. An excellent old variety of erect habit and compact form, profuse in bloom, soft cerise red.



LA FAVORITE.

L'Andalouise. Pure white. 15c.
La Victorie. Pure white; full and fine
Mon. J. Chretien. Fiery red-velvet color.
M. L'Abbe Jalabert. Lively amaranth with fiery spots.
Mrs. Cope. Rich carmine-red
Mrs. E. G. Hill. Pale blush, shaded lavender.
Mauouissa. A lovely shade of rose; strong grower and good bloomer.

Send telegraph orders for Cut-flowers if you cannot reach us in time by letter. We can always serve you.

SWEET-SCENTED GERANIUMS.

10 cents each; \$1 per dozen, except where noted.

Apple. Round, light green leaves, delightfully fragrant; a universal favorite and always hard to obtain. Nice plants, 25c. each.

Attar of Roses. Fine cut leaved, deliciously rose scented.

Balm. Very large foliage, fragrant.

Oak-Leaved. Large leaves, with a broad black mark in the center, very handsome in bloom, fragrant. 15c. each.

Mrs. Taylor. Scarlet-flowered rose, a distinct variety of the scented geranium, with a strong rose fragrance and large, deep scarlet flowers. Combining, as it does, free flowering qualities with fragrant foliage, it is very useful for summer cut flowers, and as a pot plant for winter cannot be excelled. 15c. each.

PELARGONIUM OR LADY WASHINGTON GERANIUM.

A beautiful class of plants for spring or early summer blooming; the flowers are of especial richness of coloring and contrast. We offer several varieties of this class. 15c. each; \$1.50 per dozen.

HELIOTROPES.

These plants are universal favorites on account of their delightful fragrance. Flower equally as well as bedding plants in summer, or as pot plants in the house during winter. 10c. each; \$1 per dozen, except where noted.

Evening Star. Light blue, very fragrant; a profuse bloomer, and one of the very best for out-doors.

Mad. De Blonay. Large truss, nearly pure white. 15c.

Swanley Giant. Carmine-rose; the size of truss is immense, often measuring ten inches in diameter; of the most exquisite fragrance. 15c.

Albert DeLeaux. Foliage beautifully variegated green and yellow; flowers large, bright lavender. 15c.

Jersey Beauty. The best purple.

Pres. Garfield. Dark purple.

Mrs. David Wood. A new semi-double with immense trusses, fine habit, free bloomer, flowers very lasting. 25c.

Violet Queen. Deepest violet-purple, with long, almost pure white eye; very fragrant, vigorous habit and very floriferous; new.

IPOMEA.

Learii. This handsome new climber, a native of Ceylon, has large, deep azure-blue flowers with crimson bars, frequently called the "Blue Moon-flower." When grown with the white one the contrast is striking and very effective. 20c.

Noctiflora (Evening Glory or Moon-flower.) This still continues the most popular vine in existence. For easy culture, rapid growth and freedom of bloom, it certainly has no equal. Flowers pure white, six inches in diameter, and opens at night and on dull days. The demand exceeded our supply last spring, but we think we shall be able to fill all orders this season. 10c. each, \$1 per dozen.

IVY.

English. The well-known evergreen climber; quite hardy-10 to 25c.

Senecio Scandens. (German or Parlor Ivy.) A more rapid-growing and more succulent kind; well adapted to covering trellis-work. 10 to 25c.

Kenilworth Ivy. (Linari cymbalaria.) A neat and delicate plant of trailing habit, with small, bright green ivy-shaped leaves and small, light violet-colored flowers; well adapted to hanging baskets, vases, etc. 10c.

JASMINE.

Grand Duke. Easily grown; flowers double, creamy white; very fragrant. 15c., 25c. to 50c.

Catalonian. Foliage fine, flowers white, star-shaped, very fragrant, hardy 5c., 15c. to 25c.

Cape. Flower large, white, very fragrant; foliage rich and glossy. 15c., 25c. to 50c.

Revolutum. Hardy climber, with glossy leaves; single yellow, fragrant blossoms. 15c.

LOBELIA.

A beautiful dwarf dark-blue flowering plant, suitable for baskets, rockeries or planting in the open ground. 10c. each; 75c. per dozen.

LANTANA.

The Lantana is now becoming so generally cultivated that we rank it as one of the most important plants for bedding purposes during summer, thriving well in the hottest sun when many other plants suffer with drouth and heat. The flowers vary in color, having all the shades, orange, sulphur, cream and white, changing from one color to another as they increase in age and development. Price, 10c. each; \$1 per dozen.

Aurantiflora. Large, orange-red; fine.

Alba Perfecta. White; very fine. 15c.
Golden Ball. Bright orange; one of the best bedders.
Harkett's Perfection. Foliage variegated, with lilac flowers.

MANETTIA VINE.

A beautiful free growing vine with small tubular shaped flowers of a rich, fiery scarlet color, shading off into a bright



yellow at tip of flower. It commences to bloom when very small, and flowers continually. A valuable plant for small trellises, vases or baskets. 15c.; 2 for 25c.

MAURANDIA.

A pretty climbing plant with graceful foliage and handsome purple trumpet-shaped flowers. 10c.; 3 for 25c.

MADERIA VINE.

A rapid climbing plant with thick, glossy leaves, green foliage and fine, white, fragrant flowers. 10c. each; 3 for 25c.

MUSA.—Banana.

Cavendishii. The fruiting kind, handsome foliage, likes rich soil and plenty of water. 50c. to \$1 each.

Ensete. (The Abyssinian Banana.) The most beautiful of the genus; leaves large, erect, with a pink midrib. 75c. to \$2 each.

NUSTURTUM.

A desirable plant for rockwork, vases, trellises, etc.; bright, showy flowers. 5c. each, 50c. per dozen.

ORANGE AND LEMON.

Small trees of the best budded varieties. 50c. each; larger size by express, \$1 to \$1.50.

OTAHEITE ORANGE.

A grand pot plant, and one of great beauty and novelty. It is a dwarf orange, which grows, blooms and fruits freely in pots, even when only a foot or two high. The fruit is about one-half the size of ordinary oranges, and very sweet and delicious. The blossoms are produced in great abundance, delicate and beautiful in color, and rich in delicious perfume. As a pot plant this lovely dwarf orange is one of the most novel and beautiful that can be grown. It blooms most freely during winter, though it is likely to bloom at any and all times of year. With one or two pots of it anyone can raise an abundance of the far-famed, delicate and fragrant orange blossoms. 30c. each, two for 50c.; large plants 60c. each, two for \$1.

For Trees, Hardy Shrubs, etc., send for our Fall Catalogue.

OLEANDERS.—(Neriums.)

A well-known class of plants, flowering very freely during the whole summer.

Gloriosum. Brilliant carmine pink flowers, very double, showy and desirable. 20c

Madoni Grandiflora. Double white. 25c.

Lillian Henderson. Fine, large double white. 25c.

PLUMBAGO.

Capensis. A beautiful, free flowering, shrubby plant, producing large trusses of delicate azure-blue flowers; bedded out during summer, it blooms the whole season. Also fine for pots or tubs 10c

Capensis Alba. A valuable plant either for bedding out or pot culture. It is an exact counterpart of the blue Plumbago Capensis except in color, which in this beautiful novelty is creamy white. 15c.

**PANSY.**

The pansy is one of the most pleasing and satisfactory plants to grow, and should be planted by every lover of handsome flowers. 5c. each, 40c. per dozen; \$2.50 per 100 by express at expense of purchasers.

Lower Express Rates on Plants—A Saving of 20 Per Cent. Have Your Plants Sent by Express.

Under the new ruling of the leading express companies, plants packed in closed boxes or baskets will now be carried at a reduced rate all over the country. This reduction will make the charges at least twenty per cent. less than heretofore.

PALMS.

LATANIA BORBONICA.

We call particular attention to our list of PALMS, and venture to say that for the money expended there is nothing we offer which will give more satisfaction to our customers. THEY ARE ESPECIALLY GROWN FOR WINDOW AND ROOM CULTURE, and with ordinary care can be kept in perfect condition for years. Our stock of ROSES, CARNATIONS, PRIMROSES, CHRYSANTHEMUMS and other winter-blooming plants is excep-

tionally fine, and contains only such varieties as are specially adapted for this purpose. In this connection we would say that THE VARIETY OF PLANTS which will thrive and bloom during the winter months is comparatively limited, and the lack of success which occasionally discourages amateurs is due more frequently to a poor selection of varieties than to mistakes in culture. With this point in view we have carefully selected only such sorts as are adapted for this purpose, so that the most inexperienced amateur is perfectly safe in ordering from this catalogue, from the fact that it contains only such plants as are highly ornamental, either in flower or foliage, during the fall, winter and early spring months. We also offer a range of sizes in nearly everything, thus enabling customers to secure a large plant for immediate effect, or a small one, at a low price, if desired.

Collection of Plants for House Culture.

Many amateurs are often at a loss what plants to select from the great variety offered in a catalogue, and to aid such we offer the following collections. In these collections we send our best plants and finest varieties, and purchasers secure them at less than regular rates, but in every instance the SELECTION must be left to us. These collections embrace all the leading plants suitable for winter-flowering or decorating, all of which may be grown in a light window of sitting room, such as Abutilons, Azaleas, Begonias, Carnations, Chrysanthemums, Camellias, Fuchsias, Geraniums, Heliotropes, Palms, Primulas, Roses, Violets, etc.

COLLECTION No. 1, 12 Plants for \$ 2 25.

COLLECTION No. 2, 25 Plants for 4 00.

COLLECTION No. 3, 50 Plants for 7 00.

COLLECTION No. 4, 100 Plants for 12 00.

Palms and Decorative Plants.

Areca Lutescens. This majestic palm is without a peer for strength and elegance combined. Its dark, glossy green leaves are gracefully curved on slender stems, and the entire foliage is gracefully disposed. The trunk and stems are a golden yellow, irregularly spotted with bronzy green, giving it a peculiar charm. Price, fine plants, 2½ to 3 feet high, \$3 each; strong plants, 1½ to 2 feet, \$1, \$1.50 or \$2.50 each; plants, 3 in a pot, \$1 each; 12 to 15 inches high, 75c each; small plants, 30c. each; specimen plants, \$5 each.

Cocos Weddeliana. This beautiful palm is unquestionably the most elegant and graceful in cultivation. The finely cut leaves are recurved with exquisite grace. It is admirably adapted for the centers of jardinières and fern dishes, as it retains its freshness for a long time, while for dinner table decoration it is unexcelled. Price, fine plants, 18 to 24 inches high, \$2 each; 10 to 12 inches high, 75c. each; smaller plants, 50c. each.

Rubber Plants. We have a splendid stock of this useful and ornamental plant, which will flourish under the most adverse conditions. Price, 50c; \$1 to \$1.50 each, 12 to 15 inches high; large specimen plants from \$5 to \$10 each.

Pandanus Utilis. Pandanus is perhaps the most useful of our ornamental foliage plants. As a vase plant or single specimen in greenhouse or conservatory, it cannot be surpassed. It is also largely used to decorate the halls in our finest private residences. Price, fine plants, from four-inch pots, 75c each; from three-inch pots, 50c each.

Latania Borbonica. (Fan Palm.) This fine Palm is illustrated on this page. It is too well known to need any extended description; its strong constitution and other grand characteristics render it one of the most popular Palms grown. Price, 4-inch pots, 50c each; 5-inch pots, \$1 each; 6-inch pots, \$2 each; 7-inch pots, \$3 each; specimen plants, \$5 each.

Kentia Belmoreana. The Kentias are among the best of the Palm species for general cultivation, being almost impregnable against disease. Has graceful habit, bright green foliage gracefully disposed; as a decorative plant for the window, dinner table or conservatory, it scarcely has an equal. Price, strong plants, 2½ to 3 feet high, \$3 each; second grade, fine plants, \$2 each; strong plants, 20 to 24 inches high, \$1.50 each; second grade, \$1 each; plants from 4-inch pots, 75c each; small plants, 35c each.

Dracena Indivisa. Of all the plants in use for centers of vases, baskets, or for beds in the open ground, nothing is so valuable as this. From its graceful drooping habit, it sometimes is called the "Fountain Plant." Price, 50c and \$1 each, according to size.

Dracena Fragrans. One of the finest of our ornamental leaved plants; deep green, broad, gracefully drooping leaves. Price, plants from 6-inch pots, \$2 each; 4-inch pots, \$1 each.

Asparagus Plumosus Nanus. The stems of this extremely elegant plant are tufted, slender and gracefully arched. From the upper portions the branches, which are finer than the fronds of the most delicate Fern, spread in all directions. The whole plant is of a bright, cheerful green. It is one of the most distinct and effective decorative plants for the stove or warm conservatory. 50c, \$1 and \$2.50 each.

Special Offer of Young Palms.

Young Palms are easily grown into splendid specimens, one year's growth increasing their value fourfold, and frequently far more. As an inducement to enter this pleasant and profitable field, we make the following low offer: 1 ARECA.

40c; 1 KENTIA, 45c; 1 COCOS, 40c; 1 LATANIA, 35c; 1 CARYOTA, 40c; 1 DRACÆNA INDIVISA, 35c; TOTAL VALUE, \$2.35. This collection of five Palms and one Dracæna we offer, free by mail, for \$1.80. If wanted by express, buyer to pay charges, we can send larger plants and leave all the soil on the roots.

PARIS DAISIES.—(Marguerites.)

See Flower Seeds.

PELUNIAS.

Finest double, fringed, 15c each.

PHLOX.

See Flower Seeds.

RIVINIA HUMILIS.

Beautiful plant, with small white flowers, followed by clusters of scarlet berries; in bloom and fruit the entire year. 10c.

RESURRECTION PLANT.

Price, 10c each, \$1 per dozen.

VERBENAS.

One of our most valuable bedding plants. May be planted very early in the spring, will begin growing and blooming at once, and will be a mass of bright blooms all the spring, summer and autumn.

5c each; 40c per dozen; \$3 per 100.

BEAUTY OF LANCASTER. This variety deserves special mention, as it is the most distinct and striking novelty in Verbenas introduced in many years. It commences blooming in early spring and continues growing and blooming through the driest summer and fall, when other varieties cease blooming. It blooms later in the winter than other varieties. Its most striking feature is the large size and peculiar color of the flower. One half of each petal is a bright scarlet and the other half a pure white. It creates admiration wherever seen. Price, 10c; 75c per dozen.

BEULAH. Deep pink, with small white eye.

BEAUTY OF OXFORD. Fine large pink; best pink bedder.

BLUEBIRD. Brilliant blue; large truss.

CHAMPION. Bright crimson, white eye.

CENTURY. Brilliant scarlet, clear white center.

DAMSON. Rich purple-mauve, clear white center.

GRACE DARLING. Violet-purple.

GLOW-WORM. Brilliant scarlet; perfect form.

HARLEQUIN. White, flaked with rosy pink.

JERSEY LILY. Pure white; one of the best.

JEAN. Rosy pink, distinct white center.

JOHN BROWN. Fine dark purple.

LORD CRAVEN. Deep crimson.

MISS ARTHUR. Dazzling scarlet.

MAYFLOWER. Soft glowing pink.

MISS WOODRUFF. Bright scarlet.

SMILAX.

A pretty climbing plant, with dark glossy green leaves; extensively used in cut flower work, decorating, etc. Also a good parlor or basket plant. 10c.

TUBE ROSES.

Well known and easily grown. Should be taken up in the fall, dried, separated and put away in dry sand in a warm place until spring. By covering the ground with a few inches of leaves or straw, they are frequently wintered without being moved, but the safer plan is to take them up. The bulbs we offer will produce large double flowers of the finest form and texture. 5c each; 50c per dozen.

SANSEVIERA ZEYLANICA.

A beautiful plant, splendidly adapted for the decoration of drawing-rooms and halls, as it stands drought and dust with impunity, and requires scarcely any water. The leaves grow to a length of three to four feet, and are beautifully striped crosswise, with broad white variegations on a dark green ground. It is a rare and beautiful plant which should be abundantly grown for positions out of the reach of sunlight, where other plants will not thrive. It has a singular beauty for decorative purposes which other plants do not possess,

and is useful both winter and summer. Though grown mainly for the beauty of its foliage it is by no means an insignificant flowering plant. It blooms usually during May and June, sending up great plume-like spikes a foot or more in length. It is difficult to find a more unique or ornamental plant than this, especially when it is in bloom. 25c.

TRADESCANTIA—(Wandering Jew).

Fine for hanging-baskets, vases, etc. Easily grown if it gets plenty of water. 10c.

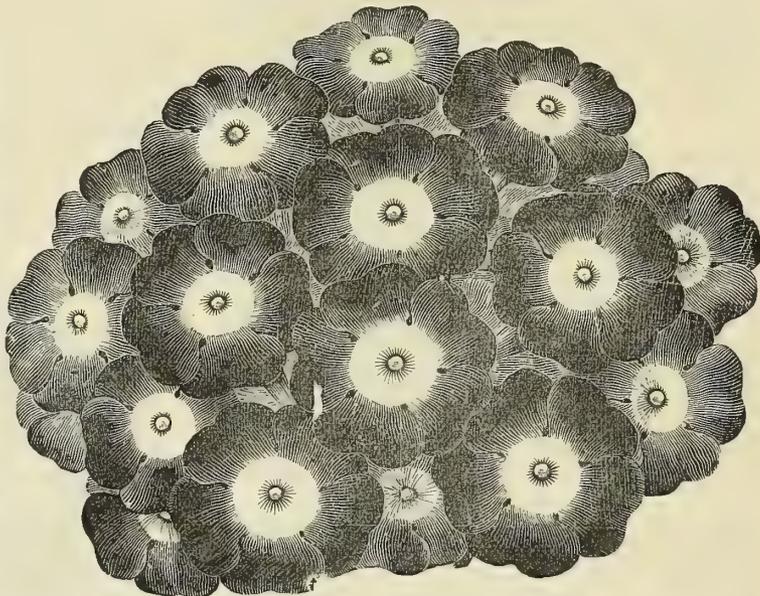
SALVIAS.

Very popular bedding plants, blooming from July until cut down by frost; no other blooming plants afford a more brilliant coloring.

MARMORATA NANA. A dwarf grower and very profuse bloomer; flowers beautifully marbled scarlet and white. 10c.

SPLENDENS. Covered in autumn with spikes of dazzling scarlet flowers. 10c.

SPLENDENS ALBA. A pure white-flowered variety of the above. 10c.



PITCHERII. New; blue; dwarf habit; one of the very prettiest and hardiest. 15c.

SEDUM.

Low-growing succulent plant, useful for baskets, rockeries, etc., or for a solid green carpet border; hardy; 5c each; 50c per dozen.

SOLANUM.

JASMINOIDES. A pretty climber, bearing clusters of graceful white flowers. 10c.

STEPHANOTIS FLORIBUNDA.

The Stephanotis is almost universally regarded as the embodiment of all that is chaste and beautiful in flowers. Its clusters of pure white deliciously fragrant, jasmine-like flowers, are eagerly sought by the most fastidious. Price 75c.

VIOLETS.

Of all delightful perfumes, that of the Sweet Violet is the most delicate and pleasing. If grown in the house for winter flowers they should be kept at a low temperature, as they will not bloom freely where it is too warm. If left in the open ground during the winter, they should be protected with a covering of leaves.

MARIE LOUISE. Very fine double flowers, purple, white center.

NEAPOLITAN. Double, light blue; fragrant.

SWANLEY WHITE. Flowers large very double; pure white. 15c each.

10c each; 3 for 25c.

Try Our Collection of Roses, 20 for \$1.

VINICA.

MADAGASCAR PERWINKLE. See Seeds.

VINICA or GROUND MYRTLE. A very handsome evergreen vine with rich, green, glossy leaves; one of the best vines we know of for covering rockeries or cemetery lots. It remains green throughout the coldest winter; it stands summer heat excellent. Try a plant. 10c. each; \$1 per dozen.

ROSES.

The rose is one of our leading specialties. We grow annually many thousand plants of the Tea and Hybrid Tea varieties. We annually discard varieties that prove weak growers or unsatisfactory from other causes. Our customers can rely on the varieties which we catalogue being worthy and something that will please the planter, if something really good is wanted.

HOW TO GROW. In selecting a spot to plant your roses, choose one where they will have full sunlight all day, if possible, and never near large trees or in shady situations, as the rose delights in a sunny, airy position. Roses are very partial to a clay loam soil, but will do well in any ordinary soil if well enriched with thoroughly rotted manure. In preparing the bed, dig it up thoroughly to the depth of twelve to eighteen inches, as rose roots penetrate deep when they have a chance. When you have planted, keep the ground loose by frequent stirring to the depth of one or two inches. An occasional soaking with weak manure water is a great help to them, and will make your plants bloom freely and increases the size of the buds.

New and Scarce Roses.

Kaizerina Augusta Victoria. (Hybrid Tea.) An extra fine white variety, faintly blended with cream color. Very large, full and double, almost perfect in form. Its fragrance is a combination of Tea and Magnolia, and is very delightful and distinct from that of any other variety. A free and vigorous grower, with beautiful deep glossy foliage. Remarkably free flowering and an excellent winter bloomer. 20c.

New Hardy Climbing Rose.

CRIMSON RAMBLER. This is the most decided novelty in roses we have had in years. Introduced from Japan in 1893, it has been a source of wonder and admiration wherever exhibited. The plant is a vigorous grower, making shoots from eight to ten feet long in a season. A charming pillar rose; for covering trellises or buildings there is nothing finer. The flowers are grown in great pyramidal panicles, each carrying thirty to forty blooms; the individual flowers are one to one and one-half inches in diameter and remain in perfect condition on the plants for a long time. The color is a bright, vivid crimson, showing none of the purplish tint so commonly seen in crimson roses.

300 Blooms on One Branch.

At this date (July 6), this is a grand rose. I have a dozen plants on prepared land; did not prune much, merely shortened back, staked to support long growths, gave liberal mulch, and the clusters of bright crimson flowers at this date are beautiful. On one shoot alone I counted over three hundred blooms.—G. Wythes in *The Garden*, July 14, 1891.

See illustration on this page. 40c each.

RAINBOW. An elegant new and striped Tea Rose of strong healthy growth and exceedingly free flowering habit. The buds are long on strong stiff stems. Color, a beautiful shade of deep pink distinctly striped and mottled with bright crimson elegantly shaded and toned with rich amber. It makes beautiful buds and flowers of large size, with thick heavy petals, very fragrant. A useful variety for cut flowers. 15c.

CRIMSON GLOBE. (Moss.) A beautiful new crimson moss rose, of strong, healthy growth. Flowers large size, globular shape; very double. The handsome flowers are produced in large clusters. Very fine and a decided acquisition to this class of roses. 35c.

DANMARK. (Hybrid Tea.) A strong, vigorous growing variety of the La France type, of which it is a seedling, and produces flowers fully as freely, on strong, upright stems. Color, deep rosy peach; very fragrant. 30c.

BRIDESMAID. (Tea.) In this exquisite new Tea Rose we have an improved Catherine Mermet, from which it is a sport. Mermet, on account of its exquisite shape, large, solid, firm buds, with long stiff stems, has long been considered one of the best cut flower varieties; its only defect has been that in dark, cloudy weather it becomes a washy dull color. Bridesmaid at all seasons is a clear delicate pink, in all respects a counterpart of Mermet, with large handsome pointed buds on long stiff stems. Will prove one of our most valuable forcing varieties for winter flowers. 25c.

MAD. A. VEYSET. (Striped La France.) This beautiful new rose combines all the good qualities of La France, from which it is a sport, in growth, fragrance, shape of flowers and buds, but it differs from it in two points. First, it is much freer in bloom; second, it is nicely striped, a beautiful bright rose on a satin pink ground. Very distinct and showy and will become a very popular ever-blooming garden rose. 20c.

FRANCES B. HAYES. Bright crimson, a Hybrid between

Bourbon and Tea. An exceedingly free blooming and strong, vigorous grower, and will certainly prove one of the very best bedding roses yet introduced: it is also a fine variety for winter blooming; though not extra large buds, it produces immense numbers of flowers, exceedingly bright in color, retaining its brightness for days after being cut; it also has fine handsome foliage, and is very sweet scented. 30c.

GRAND DUCHESSE ADELAIDE. (Tea.) Pale yellow with brighter center, large, full and imbricated; of cupped form, with large outer petals. 30c.

GRAND DUCHESSE HILDA. (Tea.) Plant of moderately free growth. Flowers medium in size with large outer petals. Color, nankeen yellow with deeper center. 30c.

ELISE HEYMANN. (Tea.) Light yellow, shaded with nankeen yellow, center rosy peach; very free flowering; an excellent bedding sort. 30c.

TRIUMPH DE PERNET PERE. Flowers extra large, having broad, thick petals and long, tapering buds, with delicious tea fragrance; color fine bright red, sometimes passing to deep crimson, very brilliant and handsome; excellent for bedding and cutting. 25c.

Above Set of 12 New Roses for \$2.75.

A Prize Collection of Winter Blooming Roses.

The collection is selected as being the best adapted for house culture, and contains the cream of the winter blooming roses, and those best suited for growing in pots. Price from 4-inch pot 25c each, except noted otherwise. The prices following the variety are for small plants only from 2½-inch pots. Plants from open ground 25c each, \$2.50 per doz., unless otherwise noted.

THE BRIDE. This is decidedly the most beautiful white tea rose. It is a sport from Catherine Mermet, with which it is identical in growth and shape of flowers. The flowers are very large and double, on long, stiff stems, of fine texture.

NIPHETOS. An elegant tea rose, very large and double, deliciously sweet, color purely white, highly valued for its lovely buds, which are very large and pointed.



MAD. PIERRE GUILLOT. One of the most showy and attractive tea roses of recent introduction. Large, beautiful, long-pointed buds, creamy white, shading to yellow at base of petals. Each petal heavily bordered with white rose. Very free flowering. 15c.

SOUV. DE WOOTTON. A hybrid tea of strong, erect habit of growth and remarkably free flowering; every shoot is crowned with one or more buds. Color crimson red, changing to rosy crimson. Very sweet scented. 15c; open ground, 50c.

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. 15c; open ground, 35c.

SOUVENIR D'UN AMI. Fine delicate rose, shaded with salmon, very large, full and double, exquisitely fragrant, a vigorous grower and free bloomer; a rose that should be in every collection.

METEOR. A rich, dark, velvety crimson, ever-blooming rose, as fine in color as the best of the hybrid perpetuals. The flowers are of good size, very double and perfect in shape, either as buds or when fully opened; the plant is vigorous and remarkably free flowering. A splendid sort for pot culture, and the best of all the hybrid teas as a bedding variety for summer cut flowers, as it retains its color well, even in the hottest weather, with no shade of purple to mar its beauty. 15c; open ground, 50c.

PAPA GONTIER. A magnificent red tea. It is a strong grower, with fine, healthy foliage; the buds are large and long, with thick, broad petals of a dark carmine crimson color, changing to a lighter shade in the open flower. An excellent winter-blooming variety, and one of the best for outdoor planting, opening up the flowers in beautiful shape.

PERLE DES JARDINS. Unquestionably the finest yellow rose for either summer or winter 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 unequalled in profusion of bloom. No collection of roses is complete without Perle. Open ground, 35c.

CATHERINE MERMET. One of the finest roses grown. The buds are very large and globular, the petals being recurved and showing to advantage the lovely bright pink of the center, shading into light creamy pink, reminding one of La France in its silvery shading. A strong grower and fine bloomer. Unless noted, 10c.; the set of 12 varieties for \$1.20.

MAD. CAROLINE TESTOUT. (Hybrid Tea.) A grand new Hybrid Tea of the La France type, but much larger and of better color, being a bright, clear delicate pink, retaining its color at all seasons. It is of sturdy, free habit of growth, and exceedingly free flowering, with individual flowers often much larger than La France; strong stems and handsome foliage. One of the leading New York cut flower growers says of it: "Here is a rose which I think is the best Hybrid Tea the French have sent out up to date. It is clear pink in color; there is nothing in the rose line that I know of that can approach it in color, and the flower is as large as Baroness Rothschild and as free as La France and if my judgment is not mistaken it will make a sensation in the cut flower market when it is brought in in good shape. 30c.

LA FRANCE. Well known—perhaps the best rose in existence. "For the few who do not already know it, we will say it is of extra size, extra double and of superb form. No rose can surpass it in delicate coloring—silvery rose, shaded with pink; in fragrance it is incomparable; in form perfect. The sweetest and most useful of all roses."

MAD. HOSTE. A beautiful free-flowering tea rose, with extra large flowers and superb buds; very full and highly fragrant. A strong grower, and buds can always be cut with long stems. In cool weather the color is ivory white; in summer a bright canary with amber center.



LA FRANCE.

General List.

Plants from open ground, 25c each. \$2.50 per dozen, except otherwise noted, by express only. Small plants from 2½-inch pots, 10c each, except where noted. Our selection, 20 for \$1, free by mail.

- ADAM.** Good carmine pink, large and double.
- AGRIPPINA.** Rich, velvety crimson, beautiful in bud.
- ARCHDUKE CHARLES.** Brilliant crimson scarlet, shaded with violet; splendid.
- APPOLINE.** Clear pink, extra fine rose; grows with remarkable vigor.
- BOU SILENE.** Noted for the size and beauty of its buds,

which are a rich deep rose, highly esteemed for its rich color and beautifully formed buds; very sweet.

BEAUTY OF STAPLEFORD. The flowers are very large, fine form, deliciously scented, clear bright pink shading to a bright rosy crimson; makes large and beautiful buds, and is a constant and profuse bloomer. 15c; open ground, 50c.

BELLA. Pure white, pretty pointed buds, a very handsome rose; should be more generally planted. 15c.

CORNELIA COOK. Beautiful creamy white, buds of immense size and very double.

COMTESE DE FRIGNEUSE. The buds are long and pointed, not unlike Niphetos in form, and of good size. The color is a deep golden yellow, with softer shade inside of petal. As a yellow rose, this takes rank next to Marechal Niel. 15c; open ground, 50c.

COMTESE RIZA DU PARK. A finely formed, highly colored flower, coppery rose, heavily shaded with carmine; fragrant and vigorous.

CHARLES ROVOLLI. Pure rose color, soft and pleasing. 15c.

DEVONIENSIS. (The Magnolia Rose.) Beautiful creamy white, with rosy center, large, very full and having a delightfully sweet magnolia fragrance. 15c; open ground, 50c.

DOUGLASS. Dark cherry red, rich and velvety, large and full.

ETOILE DE LYON. A beautiful chrome yellow, deepening to the center to pure golden yellow; flowers very large, very double and full and deliciously fragrant. It produces magnificent buds.

HERMOSA. The well-known garden rose. **ISABELLA SPRUNT.** Bright canary yellow, large and beautiful buds, very sweetly tea scented. 15c.

LOUIS PHILIPPE. Dark velvety crimson.

LA PACTOLE. Creamy yellow center, very free flowering; a beautiful rose.

LA PRINCESSE VERA. Flowers large and full, perfectly double creamy white.

MAD. C. KUSTER. White orange, yellow center.

MAD. WELCHE. Beautiful amber-yellow, deepening towards the center to orange or coppery yellow, extra large, fine, globular form, very double and full. 20c; open ground, 50c.

MAD. FALCOT. Apricot yellow; flower of medium size and fullness, but beautiful in bud.

MAD. RUSSELL. Creamy white, shaded with pink.

Mlle RACHEL. A lovely tea rose, pure snow white, very double and deliciously scented, makes beautiful buds; is an elegant rose for either house or open ground.

MARIE DUCHER. Rich transparent salmon, with fawn center; large, double and sweet.

MAD. BREST. A dark rosy red, double and large.

MAD. DE ST. JOSEPH. Fawn, shaded salmon; large, full, sweet-scented, fine.

MARIE GUILLOT. Perfection in form, the flower is large and double to the center, grows well and is healthy, pure white when fully open.

MARIE VAN HOUTTE. Of a lovely pale yellow color, with the outer petals suffused bright pink and the inner ones edged rose; large, full, fine form. 20c; open ground, 50c.

NIPHETOS. Pure white, fine buds; a poor grower outdoors, but good for pot culture.

PERLE DES JARDINS. The finest and most popular dwarf yellow rose in existence. Flowers canary yellow, often golden yellow; of the most beautiful form and large. Open ground, 50c.

QUEEN OF BEDDERS. Very rich, dark velvety crimson, very free blooming, flower compact and full; one of the best crimson bedders; a grand sort. 20c. Open ground, 75c.

SAFRANO. Bright apricot-yellow, changing to orange and fawn, sometimes tinted with rose; highly valued for its beautiful buds; exceedingly profuse in bloom.

SOUV. DE LA MALMAISON. The flower is extremely large, quartered and double to the center, flesh white. 15c; open ground, 50c.

SOMBREUIL. This magnificent variety has immense finely formed flowers of a beautiful white, tinged with a delicate rose. It is a rich and imposing flower, and has the advantage also of most beautiful foliage, itself very fragrant; especially fine in the fall.

SUNSET. A sport from Perle des Jardines, which it closely resembles, except in color; the color is a remarkable shade of rich golden amber, elegantly tinged and shaded with dark, ruddy copper, intensely beautiful; with us has not proved as vigorous a grower as its parent. 25c; open ground, 50c.

WHITE TEA. Same as White Daisy; pure white; a constant and profuse bloomer, fragrant and desirable.

CLIMBING TEA AND NOISETTE.

10c each, except where noted.

ESTELLA PREDEL. Lovely pure white buds, flowers full and sweet.

FORTUNE'S DOUBLE YELLOW. (Beauty of Glazenwood.) Bronze-yellow or copper and fawn color.

GLOIRE DE DIJON. Rich amber and apricot, rose shadings; full and free. 25c each.

JAMES SPRUNT. Deep velvety crimson; very double.

LAMARQUE. Flowers of medium size, borne in large clusters; pure white and double. A most beautiful rose.

LILY METCHERSKY. Flowers double and well formed, violet-red; vigorous habit and very free-flowering. 15c.

MADAME ALFRED CARRIERE. Extra large, full flowers, very double and sweet. Rich creamy white, faintly tinged with pale yellow; strong grower and free bloomer. 15c.

MADAME TRIPLE. Fawn and yellow; very beautiful.

MARECHAL NEIL. A beautiful deep sulphur-yellow, and easily the queen of all roses. Is of large size, perfect form, unequalled fragrance, and has the advantage of superb foliage and rapid growth. We have three sizes, at 10c, 25c and 50c. Also one year grafted at \$1; two years at \$1.50.

MARIE LAVELLEY. Habit extra vigorous; flowers large and of fine form; vivid rose, shaded and lined with white. This is perhaps the most rampant and vigorous in the whole family of roses. If you want a rose to "get there quick," this is the one to plant. 20c; open ground, 50c.

REINE MARIE HENRIETTA or RED FLOWERING GLOIRE DE DIJON. A strong, vigorous grower; flowers large, full and of fine form; beautiful pure cherry-red, and sweet scented. 15c.

POLYANTHA ROSES.

This is a new dwarf class, with peculiar distinct growth and form of flowers. One shoot bears from six to eight flowers in a cluster or panicle shape. They seem to be perfectly hardy, being natives of Japan



CLOTHILDE SOUPERT.

CLOTHILDE SOUPERT. 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 today. 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. Price, 25c each, or 5 for \$1. See cut on this page.

PERLE D'OR. An orange-red Polyantha, with yellowish tinge; very free bloomer; has proven an excellent bedder during the summer.

LITTLE PET. About the same size as the above, but with shorter petals and a rather more double flower. As it opens the bud appears of a bush color, but it is soon seen that this shading is only upon the back of the outer row of petals, the other portion of the rose being white. Compact in growth; very free.

MME. CECIL BRUNNER. Salmon, heavily shaded rose; sweet and beautiful, and one of the best of this class.

MIGNONETTE. A good grower; flowers exceedingly small, borne in clusters of twenty to thirty; delicate rose, passing to white.

JESSAMINE.

GRAND DUKE. Easily grown; flowers double, creamy white, very fragrant. 15c, 25c, 50c.

CATALONIAN. Foliage fine, flowers white, star-shaped, very fragrant, hardy. 5c, 15c, 25c.

CAPE. Flowers large, white, very fragrant; foliage rich and glossy. 15c, 25c to 50c each.

REVOLUTUM. Hardy climber; flowers single, fragrant. 15c.

ORANGE AND LEMON. Small trees. Best budded varieties, 50c each.

ORANGE. A grand pot plant; one of great beauty and novelty. With one or two plants one have an abundance of the far-famed orange blossoms. Small plants, 30c; large plants, 50c.

TO THE FARMER:

We would ask you to read the description of FERGUSON'S LINTLESS COTTON SEED on page 4. We FEEL CONFIDENT that the time has come when Lintless Cotton will find a place with every enterprising farmer who has studied the value of cotton seed. Think of \$80 from one acre of ground! LINTLESS COTTON has netted that amount. Parties wanting to plant a few acres should write us for special prices.

JOHNSON GRASS

We have experimented with this new grass for several years, and find it does well. A perennial, a rapid grower, long, cane-like roots; the leaf, stock and panicle of this grass resembles those of other sorghums. It grows on any land where corn will grow, and, like corn, will bear heavy manuring, yielding richly in rich ground; in fact, the richer the land the better the crop. 25 to 30 lbs will sow an acre. Pound, 10c; bushel, \$1.75.

TEOSINTE.

Recommended as the most prolific forage plant yet introduced. In appearance somewhat resembles corn, but the leaves are much longer and broader. The stalk, containing much saccharine matter, is very nutritious. It can be cut several times during the season, yielding enormously. If allowed to remain without cutting, will attain a height of twelve to fifteen feet. One seed will sometimes produce twenty to sixty stalks or shoots. It was introduced from a tropical country, and the warmer the climate the better it yields. Should not be planted until the soil is perfectly warm in the spring. Requires about four pounds of seed per acre. Plant in drills three feet apart, and two or three seeds every twelve inches in drill. Pound, \$1.50.

SPURRY.

(*Spergula arvensis.*) Annual. Grows well on poor, dry, sandy soils. It is best conditioned for pasture in four to six weeks after sowing, and may be sown every month from March to August. Excellent pasture for cattle and sheep; also as a fertilizer for light, sandy soil. 15 lbs to the acre. Per lb, 20c; 6 lbs for \$1; 10 lbs for \$1.40; 50 lbs and upwards at 10c per lb; 100 lbs, \$8.

BERMUDA GRASS.

This plant has long been naturalized in the Southern States. It is a tender, delicate grass, growing over and binding the most arid and loose land, and grows luxuriantly in every kind of soil; very valuable for pasture, as well as for hay

crop; time of sowing, March to April. Three to five pounds will sow an acre; seed very scarce and difficult to obtain. Pound, \$1.75.

SUNFLOWER.

LARGE RUSSIAN. Per lb, 10 cents.

JUTE.

An annual plant. The fibers of this plant are used for making coarse sacks. It is cultivated extensively in the East Indies, China and Japan, and is now freely sown in our Southern States. It thrives in any good corn ground. Sow in drills about eight inches apart, four pounds to the acre. Requires no cultivation, as it will outstrip in growth all weeds. May be also sown broadcast, six to seven pounds per acre. Per oz, 20 cents; per lb, \$1.50.

FANCY MIXED LAWN GRASS SEED.

HOW TO MAKE A LAWN. The ground should be spaded deeply and thoroughly, and a good compact of well decomposed and finely pulverized manure or rich loam spread over the ground. Now sow the seed, and, if possible, use a roller to firm the ground. This, in our opinion, is the best method to pursue. When the grass has grown two or three inches in height, use the lawn mower. The weeds and foul grass can be killed out by frequent clipping. As a guide for the proper quantity to order, we may state that one pound of Fancy Lawn Mixture will sow 15x20 feet; five bushels is required to sow an acre. Price Fancy Mixed Lawn Grass, 35c pound; per bushel, \$3.50.

TEXAS BLUE GRASS.

"The Texas Blue Grass grows on the roadsides, by fences and hedges; shade does not hurt it any more than Orchard Grass. It stands the hot and dry summers of the South very well, better than any other grass." The seed should be planted as you would Orchard or Kentucky Blue Grass, and at any time in the fall or spring that would do to sow either of these grasses would be the proper time for sowing the Texas Blue Grass seed. This grass does well on all kinds of soil, from the deepest sandy to the stiffest prairie. Seeds very scarce and difficult to obtain, and cannot be separated from the chaff. Pound, \$2.50.

SAGALINE,

The New Forage Plant.

To our agricultural friends the suggestion of a new forage plant will excite much interest, especially if it is a valuable one. After careful examination we find that Sacaline is worthy of their attention and trial, having so many valuable properties, that it will very soon be considered a plant of immense value to this country; especially the South and West.

The claims made for this wonderful new forage plant may appear extravagant, and yet, they are borne out by testimonials of the strongest character and by horticulturists of the greatest prominence, whose statements cannot for a moment be doubted, endorsed as they are by the agricultural press of the entire world.

Sacaline is not a new plant, having been grown and sold for more than twenty years as an ornamental plant by the principal nurserymen. Its qualities as a forage plant, however, were not discovered until 1893, when, the severe drought experienced in France having destroyed every other forage plant but this, it was found that cattle, horses and sheep ate it with avidity! This created such a demand for it that French nurserymen purchased every plant that was obtainable in this country at any price. If it is considered so valuable in France, it certainly must be still more so for this country, where the cattle interest is so enormous, especially in the South and West, where forage is nearly always scarce, inasmuch as it will flourish where no other forage plant will grow. It is recommended by such great authorities on agriculture as Professor L. H. Bailey, L. H. Pammel and J. L. Budd, of the Iowa Agricultural College; Dr. Hexamer, and by all seedsmen who have grown it.

THE CLAIMS MADE FOR IT ARE: That it is perfectly hardy, even in Siberia; stands also the greatest heat; requires no plowing before planting; needs no cultivation, no manuring, no replanting; grows in poorest soil—also in wet lands, and where no other plant will grow. Once planted, stands forever. The young shoots are eaten like asparagus. Stems and leaves, green or dry, greatly relished by sheep, cattle and horses. It is more nutritious than clover or lucerne; an excellent soil enricher. Grows 14 feet high by June; can be cut every month. Produces 90 to 180 tons of green forage per acre, and the roots penetrate so deep into the soil that they cannot be destroyed, pulled up, or be trampled out by cattle.

The cultivation of Sacaline is very simple. Seed should be procured as early as possible, and sown in boxes of very rich soil kept very wet, and protected from frost. The plants should afterwards be set out

three feet apart each way. The seed may also be sown where wanted, and the plants thinned out properly afterwards. By far the quickest result, however, will be obtained by procuring roots and setting these out at any time of the year three feet apart each way. They will begin to grow early, and soon cover the entire field.

Roots, each, 25c; 3 for 60c; dozen, \$2; 100, \$15, by mail. Seed packet, 20c; 3 packets for 50c; ¼ ounce, 75c; ounce, \$2.50.

From "Garden and Forest."

Some years ago a knot-grass, under the name of Polygonum Sachalinense, was introduced as an ornamental plant from the Garden of Acclimatation, at Moscow. It grew vigorously and has been recommended for use on river banks and in other positions where tall and fast-growing perennials are needed. It is a rather handsome plant, with smooth, green leaves, and leaf-stalks of cardinal red. Its flowers produce a good deal of nectar, and are much frequented by bees. This Polygonum has especial interest just now, however, as a forage plant, since it has been recommended in several European journals for that purpose. Young plants quickly push up fresh roots in all directions, and will soon occupy an area a yard square. These shoots, when young, are edible, and when blanched they can be used as asparagus, although they are not of so high a quality. When they have grown from three to five feet high, these shoots can be cut and fed to cattle, which seem to relish them very much. It would be worth while to try the plant where no other forage plant will grow, especially since it has such endorsements as MM. Edouard Andre and Gustave Huot. Its yield of green fodder is said to be from 60 to 120 tons per acre, and it might prove a valuable crop for ensilage. It is in favor of Sacaline that it belongs to the same family as plants of such economic value as buckwheat and rhubarb.

From "Garden and Forest."

A Strong Testimonial—Tried in Iowa—Perfectly Hardy. Drought-Resisting.

The New Forage Plant—There never has been a time when the question of forage plants did not merit consideration here. Portions of the West have passed through a drought such as we have not had for years. There can be no question that certain of our best forage plants have suffered seriously, and we shall have a thin stand next year. In Garden



and Forest attention is called to *Polygonum Sachalinense*, which has received such high praise in Europe. It is certain that this plant will prove valuable in many parts of the United States, especially in the West. It is not only perfectly hardy in Central Iowa, as far as cold is concerned, but it stands the dry weather remarkably well. We have had no rain to speak of since the latter part of July, but this plant is as green at the end of September as it was early in July. The root stock of this plant is sent out in all directions. The original plant has been in a dry place for many years, but in all this time it has not once been killed back. It is a remarkable grower. Early in June stalks were fourteen feet high. What is needed in the West is a plant that can be used in August and September, when pastures are nearly always short. If the first and second crops could be used for the silo (it is said they can), the crop in August and September would be excellent for immediate use.

age plant. It is very hardy. It has stood here twelve years without cover. It proves quite a spreader; but one spot could be reserved for practical use as a fodder.

No Insect Enemies.

Among all that has been written in regard to Sacaline, we fail to discover that the plant is ever affected by disease or by insect enemies. Clover and other forage plants are subject to fungus growth. Clover will not grow in wet soil, where Sacaline will revel. *Lathyrus Sylvestris* is extremely difficult to establish. Few, if any, of these are able to stand a drought of any length.

Cultivation and Planting.

The cultivation of Sacaline is very simple. Our experiments with the seed were not made until June, and the seed, being of last year's crop, germinated in about two weeks. Seed should be procured as early as possible, and sown in boxes of very rich soil kept very wet, and protected from frost. The plants should afterwards be set out three feet apart each way. The seed may also be sown where wanted, and the plants thinned out properly afterwards. By far the quickest results, however, will be obtained by procuring roots and setting these out at any time of the year three feet apart each way. They will begin to grow early, and soon cover the entire field. Plants with foliage will make even a quicker growth, but these should not be set out until danger of frost injuring the roots is past.

The roots can be planted even where other crops of grass, clover or lucerne are growing, as they will soon outgrow these.

Where very large tracts are to be planted, we would recommend the plants. Where economy is necessary, we would recommend the roots, as these can be carried in a bag by the planter and quickly inserted by means of a tool that will make a hole $\frac{1}{2}$ to 1 inch in diameter and 6 to 8 inches deep, into which the roots can be dropped and covered. In this way thousands can be planted by one man in a day.

Roots have been sent to all parts of the world, even to Japan, and have invariably reached their destination in good condition.

LATHYRUS SILVESTRIS WAGNERI.

Flat Pea.

This plant has been experimented with in Germany and France for a number of years, and is a pronounced success. It belongs to the Vetches or Tares, and is described as an everlasting pea. One of the agricultural papers in Germany describes it as follows:

"This plant," it says, "has all the valuable traits of red clover or lucerne, without showing any of its defects (such as causing bloating in cattle when fed green carelessly; or the heaves in horses when hay is given dusty), and surpasses them in every valuable essential of a fodder plant. It will endure at least sixty or seventy years on the same spot without necessitating a new seeding. It grows on any soil free from stagnant water. Where no other forage plant will live it flourishes with undiminished vigor and exuberance, scarcely needing rain after it is once well established the second year. After that time it needs no further care except mowing and gathering.

"It produces heavy crops, averaging about four tons per acre of cured hay. Its nutritive qualities twice exceed those of red clover or alfalfa, weight for weight; careful investigations, made at several experimental stations, showing that the two latter plants contain only 10 or 12 per cent. of protein or albumen, while this improved lathyrus, or everlasting pea, contains from 24 to 30 per cent. of these valuable nutritive substances.

"Cattle as well as horses and hogs, eat it with avidity. The yield of milk from cows fed with it averages about 25 per cent. more than when fed with any other fodder, and the quantity of cream from the same amount of milk is nearly doubled. The use of its hay as a provender is also said to afford a preventive or cure against murrain or spleen diseases."

Directions for planting the seed are given as follows:

Sow on well prepared ground in drills about 1 to 2 feet apart, seeds about 2 to 3 inches deep, about 2 inches apart in the drills, and cover well; keep well cleaned from weeds afterwards. The plants can be transplanted either in spring or fall, on any kind of soil, even on rocky ground, but not on wet lands.

To give our customers an opportunity to try this new plant we have imported a limited quantity of the seed from Germany, and will furnish as long as supply may last. Per pkt., 10c; oz. 30c; $\frac{1}{4}$ lb. \$1; lb. \$3.

BROMUS INERMIS.

(Awnless Brome Grass.) A valuable forage plant for light, dry soils; answers for cutting and feeding in green state, for pasture or hay; very productive. About 35 to 40 lbs. to acre. Per pound, 30c; bushel, \$22.

BROMUS MOLLIS.

(Soft Chess.) Suited to sandy land, where it is more at home than many grasses of better quality. Per pound, 20c; bushel, \$13.



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BROMUS INERMIS.

Rape is now used to some extent, but the *Polygonum Sachalinense* would be easier to grow, as it does not require re-planting every year, as rape does.

PROFESSOR L. H. PAMMEL.

Iowa Agricultural College, Ames, Ia

From Professor J. L. Budd.

Prof. J. L. Budd, of Iowa Agricultural College, says: "I found the plant in Russia in 1882, and introduced it as a botanical curiosity and as an ornamental plant. It still holds its place where first planted."

The old stalks dry up and stand erect. My assistant, Professor Hansen, has been in Europe all summer. He believes it will prove very valuable in the dry West as a for-

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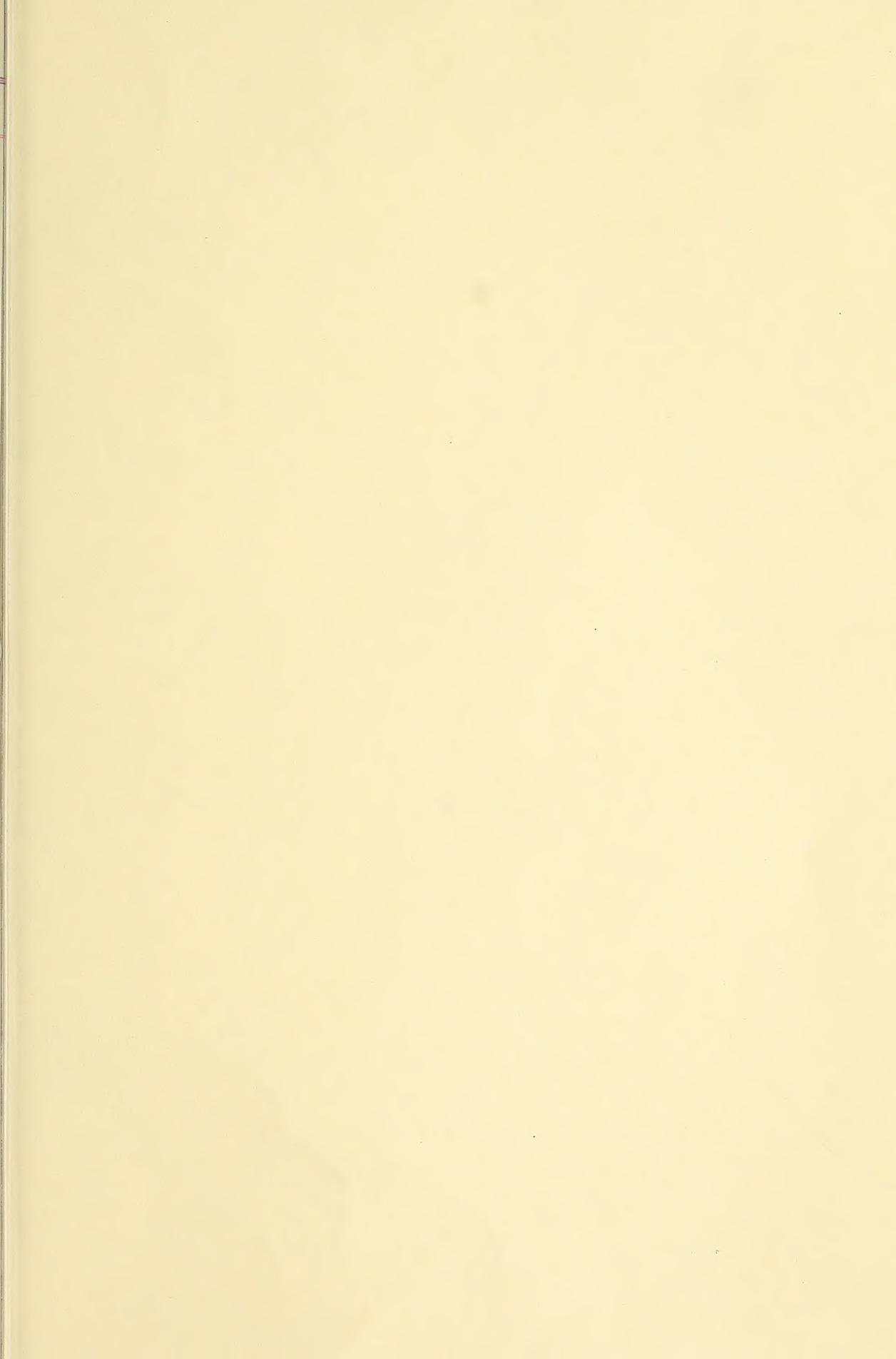
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