Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.
1887.

Catalog of

GOODELL'S

Choice Seeds,

Fruit Trees

and

Plants.

L. W. GOODELL,

Dwight,

Mass.

I have the pleasure of presenting each one of my old customers, and also the 10,000 new ones added to my list last year, a copy of my Annual Catalog. Eleven years ago I issued my first catalogue, and have seen my business grow from the first not only to gain new patrons, but by furnishing the very best of seeds and fair and liberal dealing to make it for their interest as well as mine to continue to send me their orders; and it is with real pleasure that I may now announce the growth of my business dealt with my satisfaction; those who buy my flowers are among the most sanguine people we find, and the reason for this will be to adorn their homes, to fill up the empty spaces in their rooms, and to create a cheerful and happy atmosphere in which to think and feel. Their names have become so familiar from the frequency of their orders they seem like old friends. I have received thousands of pleasant letters containing expressions of the satisfaction and success of customers with the seeds I furnish and it would have been a pleasure to me to reply to each one had the time been sufficient. In the general way of doing business, I cannot but feel that some people are careless that they never take proper care of anything and never succeed with seeds or anything else. I hope I have succeeded among my customers, because I want all to succeed with the seeds I send out, for a single failure of this kind does me more harm than a number of successes do good. Cases have come under my notice of persons buying the most delicate seeds that require very careful management and then sowing them broadcast, much as a farmer would turnip seed! They might as well have thrown them into the fire. In December of each year I make careful tests of the germinating qualities of every variety I offer and all that do not germinate properly are at once burned or thrown away, and it is almost impossible that any seeds I send out will fail to grow from any fault of the seeds.

The most of the flower seeds sold in this country are imported from Europe, and until within a few years it was supposed that they could not be grown in America, but it has been found that seeds of many of our native annual flowers can be produced here of much better quality than when grown in Europe, provided the necessary skill in growing them. Time, skill and care necessary to produce seeds of the highest quality cannot be understood or appreciated by those not acquainted with the details of the business. I have made a specialty of growing flower seeds for the purpose of supplying the wholesale and retail trade, and have made a specialty of many varieties developed in America. I have succeeded in greatly improving many of our most popular varieties, and among those which will be found much superior in quality to the seeds usually sold by dealers, I desire to call particular attention to my Asters, Balsams, China and Japan Pinks, Pansies, Petunias, Phlox, Double Portulaca, Stocks, Verbenas and Double Zinnias, which have been awarded numerous first premiums at fairs where exhibited. Such varieties as do not perfect their seeds in this climate and experience are better for being grown elsewhere, I import from the most reliable growers of England, Germany and France.

It is my constant study to furnish the Best Seeds at the lowest prices, which will be found in many cases to be from 30 to 50 per cent. lower than those of city dealers. The figures on the right of the column of description of each seed I send is the rate to be paid per pound. My packets, containing from a hundred to a thousand seeds, except some of the new or very scarce varieties or those with very large seeds, which necessarily contain less. Please compare my prices with those of city dealers, and note the liberal discount I make on large orders. All seeds offered will be sent to any part of the U.S. by mail, postage paid, at the prices annexed, and I will guarantee safe delivery at your post-office.

**How to Send Money.**—Send all sums of one dollar or over by Post Office Money order, which is always the best way if it can be obtained: but if a money order cannot be obtained at your office, remit in bank bills and get the letter registered. The expense of sending by either of the above ways will be eight or ten cents, and may be selected in seeds from the catalogue. Have all Money Orders and Postable Notes made payable at AMHERST, MASS. *Sum less than one dollar may be enclosed in a letter and paid at my risk. Always remit sums of less than a dollar by new Postage Notes, or you must pay the postage stamps for change, but if these cannot be obtained, make a 1-cent, and 2-cent postage stamps for change, but if stamps must be used do not detach or stick them to the letter, but send them just as purchased, and as I receive many more stamps than I can use, and have to sell them at a discount, do not send more stamps less than a dollar unless absolutely necessary, and the amount will be paid on each dollars worth. If customers will send just even dollars in bills, when they cannot obtain money orders or notes, I will return the change to them in 2-cent stamps with seeds. A sufficient amount to pay for all seeds ordered should be sent as it will be much better for the customer, relatively to the value of the remittance. Canadian stamps are of no value to me and will not be accepted, but Canada bills and fractional currency are always accepted. Twenty-five cents or less in silver can be sent safely in a letter, in a strong envelope, if pasted securely between two sheets of paper to prevent its cutting through the envelope, but never send larger sums than this in silver as it requires extra postage and is almost sure to cut through the envelope and become lost.*

I take the greatest care in filling orders, yet it is impossible, in the hurry of the busy season, to avoid occasional mistakes, and where errors occur, do not please me that I design to cheat you, but notify me at once, stating just what the error is, and I will make prompt and satisfactory correction.

The great majority of orders are sure to reach me safely, but it occasionally happens that a letter is lost or delayed a length of time, the reason for which I am sure we can make no return to the remitter, who will receive seeds and send their payment, never make a great rush of business, and it will be a great accommodation to me if all who can conveniently do so will send their orders as early as possible. The seeds will then be on hand when wanted for sowing and the satisfaction of most if not all who ordered, for stocks of some of the most desirable varieties often become exhausted late in the season.

**My Flower Gardens** are always open to visitors, and friends are cordially invited to come and inspect the flowers from which I save seeds. Acres of Asters, Pansies, Petunias, Pinks, etc., have been set in many miles to see. A new post-office has been established near my seed farm, and all communications should be addressed as below in future. Have all money orders, etc., made payable at AMHERST.

L. W. GOODELL, DWIGHT, MASS.
Every year I grow some of the best varieties in extra large quantities, and offer them in collections for about a quarter of the regular price. I have filled orders for over One Hundred Thousand of these collections, and it has been an opportunity to many thousands of letters containing expressions of the satisfaction they have given the purchasers; and I have the pleasure of knowing that many who never cultivated a flower before have been induced to begin their culture by my catalog. These varieties named have grown the best in large quantities especially for this collection. All are of the choicest quality in every respect. Each packet contains from 50 to 500 seeds, nearly all 100 or more. The collection of fourteen packets will be sent to all who order it for only 30 cents. I am sometimes asked to make changes in the varieties, and while I am willing to accomodate people thus I cannot, as it is too late for this season. I am ready for mailing for the busiest part of the season. It is on this very condition of no change in connection with very large sales that I can offer them for such a small sum.

**Pansy, New Diamond Strain, mixed varieties.** This packet liberally contains the choicest seeds of the Diamond Strain, the finest ever offered, and 25 to 40 seeds of my old strain, which has been highly praised in the late catalogues. Rose Aster, mixed colors. Helichrysum, mixed colors. Godetia, mixed varieties, pure white. Mignonneet, New Giant White. Phlox Drummondii grandiflora, all colors.

**Candytuft, New Mammoth White.** Dianthus (including the Japan Pinks), all varieties in splendid mixture. *Antirrhinum majus* (Snapdragon), mixed colors. *Nicotiana affinis.* Aster, Imbrique Pompon, mixed colors. Double Poppies (Erect), mixed colors. Double Poppies (Improved), all varieties, mixed. Virginian Stock, mixed colors.

**PREMIUMS TO CLUBS.**

Many are so highly pleased with my seeds that they recommend them to others and raise clubs among their friends and neighbors, and this is not only highly appreciated on my part, but I will reward liberally all who thus assist in extending my trade. For a club of four subscribers to the 50-cent collection, remitting $1.25 at one time, I will send one collection free to the club, or if preferred, one packet of each (see list of novelties for description):

- *Dewy Star Spotted Snapdragon*
- *Chrysanthemum segetum grandiflorum*
- *Godetia, Spotted Carpet*
- *Double Poppy, Snowball*
- *Oxalis corniculata purpurea*
- *Schizanthus pinnaatus*
- *Wathala Campanula*

Any one who will try can easily raise a club of four; but those who do not succeed in obtaining that number, may, for one subscriber select any one of the above varieties, as a premium, for a club of two subscribers, any two varieties may be selected, and for a club of three any four of the above varieties. These premiums are offered for subscribers only and cannot be given away unless packets are sent. The premium, being raised on a person’s own order for a collection, those who get more than four varieties, may select seeds in papers from the catalog to the value of ten cents for each and every subscriber over four. If the packets are not used in the house, they can easily be sold while taking orders for collections, and thus ten cents in cash be obtained for each subscriber. The premium seeds must be returned to the club when the club order is sent. The seeds will be sent to the raiser of the club (which is the best way when convenient to distribute, as they usually go safer when sent to one address, or can not be returned to the club), and the club raiser of the club to distribute them, to each member separately. Please send the name and address of each member of the club. As my profit comes in the future trade I may receive, this is a very important matter to me, and I cannot afford or allow premiums unless the name and address of each member of the club (whether large or small) is sent, so that we can put them on our books.

The above premiums are offered on the 50-cent collection only, but to those who raise clubs for a general selection of seeds from the catalog, or order for themselves alone, I propose to be equally liberal, as follows: Persons sending 50 cents for seeds in papers at the regular catalog prices, may select 10 cents. worth extra as a premium. Persons sending $1.00 for seeds in papers at the regular catalog prices, may select 25 cents. worth extra as a premium. Persons sending $2.00 for seeds in papers at the regular catalog prices may select 50 cents. worth extra as a premium; and for each additional dollar sent for seeds in papers at the regular catalog prices 40 cents. worth extra may be selected as a premium. But it must be understood that these last premiums are offered only on seeds in papers at the catalog prices. They will not be reckoned a premium unless the discount, nor can the premiums be paid in them, as it would bring the prices below cost in some cases.

As an encouragement to club raisers to make their clubs as large as possible, I have for several years held the 50-cent collection, and raised the largest club worth $1.50. Last year the cash premiums were awarded as follows: 1st premium, $25.00, to A. C. Stark, Waterville, Me.; for a club of 123 subscribers; 2nd premium $15.00, to Mrs. S. E. Simmons, Lynn, Mass., for a club of 113 members; 3rd premium $10.00, to B. H. Biddle, M. C., for a club of 92 members; 4th premium $5.00, to Mrs. W. G. Davis, Fine Bluff, Ark., for a club of 72 subscribers. A copy of a dollar on flower culture was also sent to each one of those who sent the next twelve largest clubs as promised. Every person who raised a club of over $7.00 in amount, received a cash or book premium, and in order that all who raise even a 50-cent club will stand a good chance of receiving at least a book premium, I propose to do better than ever this year, and will make

**TWENTY-FIVE CASH AND BOOK PRESENTS:**

to those who raise the largest clubs for any flower and vegetable seeds offered in this Catalog whether collections or seeds selected from the catalog, or partly for both:

One Cash Present of $15.00, for the largest club order for collections.
One Cash Present of $10.00, for the next largest club order for collections.
One Cash Present of $5.00, for the next largest club order for seeds.
One Cash Present of $2.50, for the next largest club order for seeds.
One Cash Present of $2.00, for the next largest club order for seeds.

And to each one of the persons who send the nineteen next largest club orders, I will send as a present a beautiful flower collection for $1.50. (This collection is described on the other page.) By largest clubs is meant those who send the largest amount of cash during the season before the first of June, when the amounts each club raiser has sent in will be reckoned up and determined. In the case of ties for second and third prizes, additional premiums can be made and the amounts will be added to those previously sent; but club raisers who send more than one order should always mention that it is to be added to the last order sent. The name and address of each member of the club must be sent so we can put them on our books. Each new member of a club is entitled to a Catalog if wanted, and club raisers will please state at how many are needed this season. All who choose for the cash and book presents are also entitled to the liberal seed PREMIUMS offered above, which must be selected when the club orders are sent. A small club can easily be raised in any multitude of cases, and the raiser who wants a larger one, and has a larger order, can order a larger one of the cash or book presents, and surely these presents and seed premiums are worth some effort to obtain. Competition is open to all persons except to those who received cash prizes last year.
The varieties under this head marked with an * are now offered for the first time, and the descriptions are those of the growers.

**NEW LARGE FLOWERING GERMAN PANSES; DIAMOND STRAIN.**

The superior qualities of this unsurpassed new strain of German Pansies, introduced by me three years ago, has gained such a reputation among my customers that it has resulted in the sale of more than fifty thousand of these subjects of the most perfect form. They are of the largest size, with a wonderful variety of rich and delicate colors and tints, often in combinations that, if not seen, would be difficult to believe ever existed in a Pansy, distinguishes this strain above all others. An acre of these Pansies, if killed in September or October, will give at least three of the finest display of Pansies, well knowing that the Diamond strain will not suffer in the least by it.

Pansy seeds can be sown at almost any season of the year with good success, but best from January to April. The old form of the seeds not being coveted for their extra beauty, are sown close, but not so close as to make the plants press together. The soil should be that kind of soil proved during the summer, allowing them to bloom only when wanted, during the cool wet weather of Autumn and Spring. They should be well watered during dry weather, and if with manure water, all the better. Any of the commercial fertilizers such as guano, superphosphates, etc., if sown on the ground around the plants and lightly dug in, will give splendid results. It is usual that they will do all time, if given good culture and are not allowed to form seed which tends to exhaust the plants, and severe pruning is not recommended except to obtain extra large blooms. The flowers are always smallest during summer, bearing the finest flowers during the autumn and spring of the second year, after which the plants become exhausted or "run out" and new ones should be obtained from seeds every year. Plants of Pansies are perfectly hardy in this climate without any protection whatever, and when they are killed during winter, they will live for a few years more, not trying to bloom, but by this means causes them to decay, and care should be taken to set plants on ground a little elevated or on an incline.

The following varieties are some of the most distinct of these Pansies, but it should be understood that while a good proportion of the plants of each variety will come true to the description, there will also be plants of mixed qualities, as they will cross and produce varieties that are not staple in the catalog, for new and novel shades and markings often appear. This strain of Pansies seeds very lightly.

- **Melpomene**, brown and fawn color; **Andromeda**, dark blue and black, shading to violet and azure blue on upper petals; **Juno**, deep, purplish red, with three large maroon blotches; **Olympe**, purple and maroon marked; **Haleycyone**, yellow, edged with blue; **Daphne**, lilac shaded with rosepurple; **Aurora**, a velvet crimson maroon, sh. red edged with yellow; **Iris**, deep bluish purple shaded violet; upper petals light blue or violet; **Eurydice**, with large blue center; **Niobe**, rich brown and maroon; **Venus**, deep rich blue and purple, stained light red and bordered with pink and white; **Lavinia**, deep yellow with black center; **Thalia**, violet and purple with yellow center; **Antigone**, dark purplish blue; **Minerva**, with ground with a large dark blotch on each petal; **Callisto**, dark purple with light edges; **Perseus**, various shades of purple, dark and brown striped and mottled, often on a light ground; **Euterpe**, rich shade of blue and purple with a black center; **Alcestis**, various shades of purple, yellow and maroon beautifully marbled and shaded; **Cybele**, brown with yellow center; **Silvia**, purplish blue, with yellow center; **Dione**, white with large blue center; **Eve**, purplish black with bronze or yellow center; **Flora**, red with five large dark blotches; **Clytie**, shades of purple and blue, marbled; **Zephyr**, white, edged with light blue; **Pomona**, light yellow with purple or maroon center; **Semele**, purple shaded with violet; **Iola**, brown with yellow center; **Dione**, various shades of purple, yellow and maroon marbled; **Helen**, yellow, stained red; large dark blotches; **Calliope**, rich velvety maroon and bronze color with yellow center; **Calypso**, mahogany color, citron yellow and bronze with dark center; **Proserpine**, purple and blue with white center; **Theo**, red and yellow with maroon blotches; **Nephele**, white, sometimes marked with violet; **Clio**, purple edged with white; **Ceres**, pure white, sometimes slightly tinged with cream color; **Cassiopeia**, jet black with yellow eye; **Ariadne**, yellow with maroon blotch; **Ariadne**, dark purple and maroon stained and edged with rose; **Panis** is not patchlor, white with dark red; **Isadora**, sky blue with violet center; **Thais**, white, curiously spotted and mottled with purple, violet or blue.

Any one of the above named varieties, in separate packets, per packet of 100 seeds, $0.30

**The entire collection** in separate packets, one packet of each, $1.00

**100 seeds of each variety** in separate packets, $1.00

**Extra choice mix**, from the largest, finest flowers of the richest self colors and finest fancy varieties; per packet of 100 seeds, $0.50
NEW PHLOX DRUMMONDI.

GRANDIFLORA STELLATA SPLENDENS.

PAINTED FOR GOODELL'S SEED CATALOGUE.

R.A. STEINER LITH. ROCHESTER, N.Y.
NEW EMPEROR PETUNIAS:

The flowers of this new and unsurpassed strain exhibit a greater variety of colors and markings than ever before obtained in the Petunia: from the richest purple and crimson to the most delicate rose and white. These varieties have a clearly defined white throat, the other portion of the corolla being colored: some are evenly or irregularly striped, bicolored and barred with purple, crimson, rose and white; others are elegantly veined with crimson, violet and maroon on a light green ground, resembling ruffled lace. These flowers are of very large size. These Petunias, and the Diamond Pansies, were the special admiration of hundreds of visitors to my grounds last season, and were the first premium at every fair where I exhibited them.

There is one peculiarity about Petunias plants that is not generally understood. In the finest strains there are always some plants that, in the seed-bed, grow strong and look dark green and healthy, while there are others that have small, curly, yellowish leaves, and seem small, sickly and poor; these latter should be selected, transplanted and cultivated with care, as they are often the parent of the largest, finest flowers. Those not familiar with this fact often transplant the largest, nicest looking plants, throwing away the small, sickly ones, and in consequence are rewarded with nothing but common flowers.

NEW EMPEROR PETUNIAS, Lace-edged or Fringed Section: The flowers of this section are of large size and of a variety of colors, pure white, white bicolored, striped and spotted with crimson, rose and purple, rich cardinal red, lavender and rose beautifully veined with maroon, etc.; and the edges of the petals are most elegantly fringed and frilled resembling ruffled lace. The rare beauty of these varieties must be seen to be appreciated. All varieties mixed.

Large-flowered Smooth Petal ed Section: Flowers of large size, the petals with smooth or even edges. It embraces all the colors of the fringed section and many others, of a vivid scarlet color—very large and rare varieties and shades. —rosy carmine, rich violet purple, almost blue, cardinal red with large white center, rose, crimson and lavender bordered with green, etc. All varieties of this section

Small-flowered Mammouth Section: These are of immense diameter and of beautiful colors,—rose and lavender veined and penciled with crimson lake and maroon with large tiger'd throats, rich shades of purple, with large white or black throats, etc. The seeds and flowers are much produced. Barred and spotted varieties.

EMPEROR PETUNIAS, Extra Choice Mixed, saved from the most elegantly fringed and finest large flowering and mammouth varieties only. This is the finest strain of Petunias ever offered, 30

NEW DWARF SWEET ALYSUM, LITTLE GEM: This is an exceedingly pretty and entirely new dwarf variety of Sweet Alysum originated by me. The plant is a lovely dwarf, compact, spreading habit, and only 3 to 5 inches in height, each plant covering a circle from 15 to 20 inches in diameter. It begins to bloom when quite small, often when in the seed-bed, and so profusely that the plants are covered with flowers all late in autumn. For small beds and edgings it is very effective, and for pots and baskets a gem of the first water. From 75 to 90 per cent. of the plants from seeds come true and good. Although the plants bloom so profusely, but very few perfect seeds are formed, the whole vitality of the plant being expended in the production of flowers: Seeds, per packets of 50 good seeds, 15

ACROCLINUM roseum fi.-pl. a new double variety of the popular Acroclinum. It is perfectly double, of a bright rose color, and one of the most beautiful and valuable of all the Everlasting flowers

ASTER, Mignon: A very beautiful variety of white Aster, the plants growing about a foot high, and with the finest branching habit, each plant bearing from 75 to 100 pure white double flowers about two inches across, with very large starry centers showing the earliest to bloom and keeps in perfection longer than any other variety

ASTER, Comet: A new class, the plants about a foot in height with very large and double pink and white flowers, differing from all other Aster in having the petals very long, wavy and curled at the ends, something like the Japanese Chrysanthemums

ASTER, Dwarf Queen: A remarkably handsome Aster, growing 6 to 10 inches in height, each plant bearing about a dozen very large and perfect flowers, red, crimson, and white mixed

ASTER, Rose-flowered, Dark Scarlet: Flowers very double of a dark crimson scarlet. Some of these are perfectly colored Aster ever produced.

ASTER, Zirngiebel's Double White: This is one of the finest of white Asters. The plant is about 18 inches in height, of good constitution, and covered with large double flowers.

ASTER, Imbrigue Pompon, Blood Red: Very dark blood red and perfectly double.

AQUILEGIA caerulea hybrid: The flowers of this new variety are of a well-developed lavender blue, the center petals yellow, while the spurs and sepalis are of a beautiful porcelain blue. 15

BALSAM, Callistephus: A perfectly double variety and the finest white Balsam, nearly every plant producing flowers as large and double as Camellias. Very valuable for florists' gardens. 25

CALENDULA, Prince of Orange: A very fine and showy hardy annual with large double flowers of a rich bright orange color, each petal with a lighter stripe through the center giving the flowers a very novel and elegant appearance. An improvement on the older variety "Meteor". 10

CARNATION, Grenadin: A new dwarf variety, producing a profusion of perfectly double flowers, surpassing any ever before offered. Each plant will produce at least 100 flowers profusely. 15

CARNATION, New Dwarf Perpetual: Beautiful new winter-blooming varieties, producing large, perfectly double flowers in abundance. 50

CANDYTUFT, Mammoth White: This is the largest variety offered. Each plant when well-bloomed, the plants growing very large, the spikes of flowers from 3 to 5 inches long by 2 or 3 inches in diameter. The plants should be transplanted or thinned to 15 inches apart, and will come fully developed, in good rich soil. 10

CANDYTUFT, Dwarf White: An exceedingly fine variety. Each plant bears a compact bush 4 or 5 inches tall and a foot in diameter, completely covered with clusters of white flowers. The plants are finer and longer than the old sorts. 10

CANDYTUFT, Carnation: These superb new varieties are distinguished by their diversity of color and size, and by the large size and brilliance of their flowers. 15
CALCEOLARIA, hybridra striata. A new and a dashing variety of these popular house plants, about one-third of the plants bearing fluency striped flowers............... 50

CHRYSANTHEMUM, segetum grandiflorum: A very showy variety of the annual Chrysanthemum bearing a profusion of single flowers, 1½ to 2 inches in diameter, of a bright and very fine variety, with white and yellow flowers. 50

CHRYSANTHEMUM, new Double Lemon: A new annual variety with perfectly semi-double flower heads. The colors are intense, very nicely and superbly variegated, 15

CHRYSANTHEMUM, tricolor, Eclipse: An exceedingly showy new variety with gold-, yellow and white flowers, with a purplish scarlet ring 15

CHRYSANTHEMUM, The Sultan: Rich crimson maroon with gold-colored ring. Also red-striped. The heads of flowers are showy in the garden and valuable for cutting. 15

CHRYSANTHEMUM, large flowers hybrids: The Clematis is one of the most beautiful hardy perennial climbing plants we have. The varieties now offered have flowers about 3 inches in diameter and are very fine, red, scarlet, and white. The shades of rich purple, violet and blue, with shades of crimson and rosy purple. They do not flower well north of New York unless started very early. 20

COLEUS, Benary's New Large-leaved: Such a popular variety with very large and superbly variegated foliage. 10

COCKSCOMB (Celosia cristata), New Eng- land Giant: A new Cockscomb, the largest headed flowers of a bright crimson with a rich velvety appearance. 15

COSMOS hybrids grandiflorus: Fine annuals dark fawn tinged with rose and purple, bear a profusion of flowers late in the fall, resembling single Dahlias. The colors include white, straw, and shades of red, pink, and purple. 15

CUT LEAFED MAGNOLIA: A splendid variety, the inside of the petals a rich orange color, the outside dark crimson. 10

DALLARDA, pieta Lorentziana, fl-jp.: This has proved one of the most valuable hardy garden flowers introduced for many years. The plants grow about 1½ feet tall, very bushy, and the flowers, which are in large globular and semi-globular heads, are produced from dune till late in the fall. It is a first-class bedding plant and very fine for cutting bouquets, as the flowers grow on long stalks. Now seeds are sown in boxes or if possible and transplant where they are to bloom a foot apart. Orange, sulphur yellow, amaranth, scarlet and variegated. 10

GODETTAS, New Varieties: The new varieties of dorettas are great improvements on the old sorts. The plants grow about 1 feet tall, very compact and bushy and are completely covered with large Azalea-like flowers within a very large and splendid appearance, each plant resembling when full bloom a miniature Chinese Azalea. They do best when sown where they are to grow and thinned to a foot each. Good varieties on the market. 10

GODDINIA, Spotted Carpet: A charming variegated carpet for the sun or shade plants are dwarf and bushy, bearing myriads of exceedingly pretty pure white flowers with a brilliant scarlet center. He has especially saved for me from the best new varieties of his unsurpassed collection the seed I now offer. 10

GERANIUM, Zonal, Boucharllet's Col lection: Few horticulturists have enriched this class with so many fine varieties as M. Boucharllet. He has especially saved for me from the best new varieties of his unsurpassed collection the seed I now offer. 25

GLADIOLUS, Lemureria: A new and most beautiful section of Gladiolus. They differ from the common varieties in having distinct and almost round flowers of intense and striking colors and markings. The seed I offer produced by hybridizing and crossing varieties. 20

GLOXINIA, New French Tigered and Spotted: Very fine and most beautiful tigered and spotted flowers. 50

HUMULUS, Japanese. A very pretty and rapid growing annual climber growing 10 to 15 feet in height. 15

HOLLYHOCK, The Admiral: This very fine variety is one I have been growing for several years and it is very pleasing. It is a splendid cut flower that can be recommended as the finest extant. The flowers are of large size, perfectly double and range in color from pure white to deepest crimson, and are a beautiful variety of many colors, pure white, dark crimson, deep pink, light buff and purple tinged lilac, salmon rose, canary yellow and dark crimson, striped with yellow and white. 50

HOLLYHOCK, The Golden Beauty: A quite different and hardy perennial, the loveliest color, crimson flaked with salmon, brown shaded and tipped with lilac, cream color and purple shoulder. In the center, balsam yellow. Each of the above colors in separate packets, each color. 20

HYDRANGEA grandiflora alba (Moon Flower or Evening Glory): A magnificent climbing plant, growing 15 to 20 feet, and climbing to a height of 15 or 30 feet. It belongs to the Morning Glory family, but the flowers, which open towards evening, are crimson in bloom and are about 1½ inches in diameter, of a brilliant rose-red. They are of compact growth, broad-leaved, free-flowering. The flowering stems are pro ducted in such profusion that a well-grown plant appears to be a perfect ball of flowers. It is almost a perpetual bloomer. Seeds should be sown indoors in March or early April. 15

LATHYRUS splendens: A beautiful species of Perennial Pea from California, with dark red flowers and finely cut foliage. 10

LATHYRUS, California Giant, 4 feet: A splendid flower with large and very attractive flowers, about 1½ inches in diameter, light purple and rose-purple. The flowers are double. Very attractive for borders and large flower beds. The flowers are shown in the catalog as "California Giant." 10

LOBELIA, compacta cucula: A splendid variety, the flowers dark blue with a distinct white center. Excellent for the rock garden. 10

LOBELIA, White Gem: A pure white variety of dense, compact habit; very fine for beds or edgings. 10

LUCILLA, Prima Donna: An excellent compact growth, thickly studded with rich velvety crimson maroon flowers. 10

MARIGOLD, African: El Dorado: This is the finest strain of African Marigold yet produced. The flowers are 3 to 4 inches in diameter, very double and most perfectly formed, taffeta form and frilled. The colors run through all the shades of yellow from very light primrose to the deepest orange; mixed colors. 25

MARIGOLD, African Climbing: This new variety is remarkable for its dwarf, dense growth and very large double blooms, which are crimson, also striped and double. 25

MARIGOLD, French Butterly: Unquestionably the most popular variety of French Marigold ever introduced. The flowers are borne in greatest profusion and are very double, the alternate petals of velvety purple-brown and old gold clearly defined. 15

MARIGOLD, French, Compact Gold Striped: An elegant variety. The plants are only 6 inches tall, with a diameter of 1 foot. The flowers are very double and abundant, striped with bright yellow and chestnut color. It is one of the best for bedding. 10
MIGNONETTE, Golden Queen.: This is one of the best and most distinct varieties of Mignonette, the flowers being of a rich yellow tint and very fragrant.  

MIGNONETTE, Mocha: A variety of very dwarf vigorous growth with massive spikes of deliciously scented red flowers, the flowers being of good size and very fragrant. Easily transplanted, or may be sown where they are to grow. Set or thin plants to 18 inches apart.  

MIGNONETTE, Giant White Spiral: An entirely distinct variety growing three feet tall with large spikes of white flowers often a foot or more in length and in abundance amidst the luxuriant foliage, presenting a very striking aspect. The flowers are of a pure white and three-fourths of an inch long; at first of a bright red, they change to orange yellow and yellowish white when fully expanded. The vine can be trained along a trellis, or may be raised for covering arbours, trellises, etc. Start the seeds early under glass or in the house.  

MONARA lobata: A splendid annual climbing vine from Mexico, closely related to the Ipomea, but entirely different in its flowers. The flowers are produced in fork-like racemes at the ends of the branches, in large numbers and in great abundance amidst the luxuriant foliage, presenting a very striking aspect. The flower is three-fourths of an inch long.  

NICOTIANA affinis: One of the finest annuals of recent introduction. The plants grow about 3 to 5 feet tall and are covered with small white flowers, remaining in bloom a long time.  

OXALIS corniculata purpurea: As a dwarf flowering bulb grown for its small and brilliant purple flowers, it is particularly valuable. Plants may be set 4 or 5 inches apart and will soon carpet the ground with rich purple-brown leaves and bright yellowish flowers.  

PANSY Trimardeau: An entirely distinct new race of this popular flower that, for size, surpasses any hitherto introduced. With good culture they grow from 3/4 to 8/3 inches in diameter. The flowers are not as perfect in form as could be desired, and the colors are mostly of blue and purple shades, but those who wish to see how large it is possible for pansies to become will find them un-surpassed. It was extensively used in the Boston public gardens last season in bedding with early varieties of double pansies, and its value is clearly defined.  

PETUNIA, Double Lilliput: From 30 to 30 per cent. of the plants of this new dwarf variety bear a profusion of small double variegated flowers of various colors, while two or three heads of white double flowers; packet of 59 seeds.  

PETUNIA, Lady of the Lake: The seeds of this variety produce from 10 to 30 per cent. of plants with large double white flowers.  

PETUNIA grandiflora ibiritaba: This is one of the most elegant varieties of pot petunias. The double flowers are very elegant and of a dark velvety purple, with a broad and clearly defined pure white band around the edges of the petals.  

PETUNIA New Large-flowered Yellow Throat: This new introduction has produced extremely large and beautiful flowers. The flowers are of large size, blotched and striped with white, purple and crimson, with a broad yellow throat, veined like a Salpiglossis; packet of about 50 seeds.  

PAPAVER paoniiun: A new very free-flowering climbing type of poppy. Plant about 2 feet in height with neat, deeply pinnatifid foliage and three colored single flowers, 3 inches in diameter, each one of a brilliant scarlet, each being marked near the base with a zone of glossy black, so as to form a complete ring of a striking effect, the center of the flower being of a lovely cherry carmine.  

PHACELIA (Whitlavia) campanularia: This new introduction is one of the most distinct and beautiful blue flowering plants ever introduced. The plant is of spreading bushy growth, about 1½ feet tall, when fully expanded, and the flowers are very numerous, of an open campanulate form, about three-fourths of an inch across, and of the finest of a very rare in flowers, rivaling the beautiful Patricia patens. It is of very easy culture and blooms in a few weeks from seeds, which may be sown either under glass or where they are to grow and thinned to 6 or inches apart. Good blue flowers are always scarce, and this is certainly one of the best and most interesting for many years.  

PHLOX Drummondii, Double White: The only really double of the dwarf kinds of the plants coming double; valuable for cutting.  

PHLOX Drummondii grandiflora splendens: One of the finest and best of the Phloxes for bedding. The flowers are very large and round, of a vivid crimson color.  

PHLOX Drummondii grandiflora splendens: An introduction of last year that has proved the best for both bedding and cutting. It is one of the grandiflora varieties introduced for many years. The flowers, which are produced very profusely, are very large, round, and of a brilliant rose crimson color about 3 inches in diameter and clearly defined white star in the center.  

PHLOX Drummondii New Dwarf: The plants of this new seed, being of a grand size, only 5 or 6 inches tall, and completely covered with small white flowers which are of all the brilliant colors of the tall varieties. It can be highly recommended for edging to beds and for house culture; all colors mixed.  

POMP, Snowball: The finest of all white Poppies. The flowers very large, perfect, and should be sown in a frame or box.  

PLEVOS pendula compacta flore-pleno: A charming hardy annual of dwarf compact growth, clothed with double red and white colored flowers, very good for edging.  

TEN-WEEKS STOCK, Snowflake: A very valuable new variety of dwarf growth, with very large and double pure white flowers and one of the earliest of all varieties.  

TEN-WEEKS STOCK, Giant Perfection: A splendid race of pyramidal growth, attaining a height of 3/4 feet, with long spikes of beautiful large double flowers. This is one of the best for the ground; culture: 9 colors: new varieties, the flowers being of a new shade of soft rosy pink.  

SCHIZANTHUS pinatus roseus (Butterfly Flower): A very fine addition to this pretty, hardy annual. The flowers are of a delicate rose color, shading off at the center to white, the uppermost petal being almost covered with a blood red spot. The plants are of compact growth and live the second year, with flowers resembling small butterflies.  

SWEET PEA, Princess Beatrice: One of the most elegant and culturing; 10 new colors: new varieties, the flowers being of a new shade of soft rosy pink.  

SWEET PEA, Bronze Prince: A magnificent variety, the standard is a deep crimson maroon and the wings a bright purple.  

SWEET PEA, Capt. Clark: Rose and white edged with light blue; very pretty.  

SWEET PEA, Butterfly: A very pretty new sort, entirely lilac, with lavender blue,
SWEET PEA, Adonis: Of a lovely rosy carmine, shaded with crimson. ......... 10
TYPHOSUS (New and Lady Bird): A pretty and distinct variety of a rich yellow golden color; each petal a little own, being at the base. 10
TROPÆOLUM minus Chameleon: A brilliant novelty in this popular class. The flowers are crimson, bronze and gold, bordering and flamed, changing in hue almost daily, hence the name. ... 15
• DOUBLE ZINNIA, New Mammoth: A peculiar class of this variety differing from the older ones in its unusually robust habit of growth and the immense size of its flowers; its perfect and very double flowers of various striking colors. The plants rise to a height of 3 to 3½ feet, are clothed with luxuriant foliage and bloom freely during a long period. Lovely of color, the flowers are uninfluenced by heat and remain in good condition for several weeks; eight beautiful varieties mixed. ... 25

DOUBLE ZINNIA, New Dwarf: Of very dwarf, compact habit, this new and very desirable variety develops large, perfect and very double flowers of various colors: mixed colors. ......... 10
DOUBLE ZINNIA, New Dwarf, Fiery Scarlet: Produces in great abundance perfectly uniform flowers of a fiery scarlet. ......... 15
DOUBLE ZINNIA, New Pompon: The flowers of this beautiful new strain are about one-half the size of the common Zinnia and of the most perfect form; the petals finely imbricated, overlapping each other in a most symmetrical manner. The colors are very bright and varied. The plants are of a dwarf, compact growth; covered with flowers; mixed colors. ......... 10

ZEa gracillima variegata New Striped leaved Maize: This variety surpasses the variegated species of Japanese Maize by a more compact growth and in the broader gracefully drooping leaves, which are very strongly and beautifully variegated with white. ... 25

SOWING FLOWER SEEDS, ETC.: Sowing in Cold Frames—A cold frame is easily managed by anybody, and in no other way can such uniform success be had; and I would recommend those who have more than half a dozen varieties to sow to try one. Make a box-like frame of boards without a bottom, which should be twelve or fifteen inches in depth, shaping the front, with end, and six inches in width, as much as possible. It can be made of any desired and nailed at the corners, if small enough to be easily moved about, or if larger, fastened together with hooks and staples. After the last of April is the best time to sow the cold-frame seeds, as they are then large enough to transplant to the beds where they are to be grown as early as would be safe from frost.
Prepare a bed in a warm sheltered spot in the garden: rake out all the humus and stones, and on this set the frame, and sow with ordinary hot-bed sash or old window sash which will do quite as well. Make the frame with the frame of the pot, and sow the seeds thinly and evenly on the surface in squares, and label each sort with a short pine label. Have a pile of light sandy soil or leaf mold near the plants, which has been sifted through a fine sieve, near at hand, and if the seeds are very fine and easily blown about, you will have to put them in a slightly moistened frame with the surface of the soil very evenly, but not too deep than from any other cause. A good and safe rule for the smaller kinds of seeds is to cover to a depth of about twice the diameter of the seed. This will give a covering of one-eighth to one-fourth of an inch to each seed, as one-seventh of the diameter of Asters and Verbenas, and the seeds of like size, while very fine seeds, like Lobelia and Mimulus, should scarcely be covered at all, but merely pressed slightly into the soil. After the seeds are all nicely covered, it is very important to make the soil as hard and firm as possible; then water carefully with a pot having a fine rose, so as not to wash the seeds from the surface.
Now put on the sash and keep it tightly closed until the plants begin to come up, watering often enough to keep the surface moist. Some seeds, like Aster and Zinnia, germinate, under favorable circumstances, in six or seven days, while others require several weeks for the same. When the seedlings are a week old, water them thoroughly, and when the leaves are quite dry, it is a good plan to spread several thicknesses of newspaper over the bed to keep the moisture in, but they must be removed as soon as the plants begin to come up.
Transplanting.—After the plants in the cold-frame or seed-bed have obtained their second leaves and grown an inch or two, transplant to the garden, first giving the seed-bed a good soaking with water. Transplanting should be done in a showery day, if possible, but it is better to transplant in a dry time then to water the plants the following day. When the plants are put in the bed, if it soaks in, then set the plant, making the soil firm about the roots: water again and cover each plant with a piece of paper held down with cloths of earth; or, what is better, with a large leaf or handful of fresh straw, which will be removed in a few days.

A frequent cause of failure to make a good show of flowers is setting plants too thick in the beds, and before the summer is half through the vines become so crowded together that they either die outright or begin to much weaken in the struggle for existence, that their beauty is greatly injured. The soil for flowers, and especially rich, must be made so with the finest and most decayed manure. Some varieties do well in almost any ordinary soil, but do much better in a rich one.
I am thus explicit in giving directions because I know some of my customers are inexperienced in the culture of flowers, and some perhaps beginning their culture for the first time this year, and I am anxious that all those people who secure a single packet of seed should succeed as well as the most experienced gardeners.

The flowers produced from seeds are classed as Annuals, Biennials, and Herbaceous Perennials. The Annuals perfect their seed and die the first year. Biennials live two years. Herbaceous Perennials die down to the ground every year, their roots living many years. Annuals are called hardy, half-hardy and tender. A hardly annual will bear a severe frost without injury; a half-hardy annual will bear considerable frost; while tender annuals are destroyed by the least frost.
GOODELL'S ORDER SHEET.

Date 1887.

L. W. GOODELL,

Send the following List of Seeds, &c. to

Name,

Post Office.

County.

State,

Please keep remarks, etc., distinct from the order and allow a full line to each variety, adding more paper if needed. Write anything you wish to say at the end of the order or on another sheet. By following these directions it will enable us to fill your order with the greatest dispatch and avoid mistakes.

Very important to read directions for sending money, second cover page of Catalog.

Amount enclosed by

P. O. Order, $...

Postal Note, $...

Cash, - $...

TOTAL, - $...

Amount carried over.
In this department will be found the most showy of the flowers that adorn the garden and lawn. It embraces, besides the true annuals, some biennials and perennials that produce flowers the first year from seed. The figures on the right of the columns give the price of each variety, per packet in cents.

**Imbrique Pompon**, eighteen separate colors, each color: 5

**Pompon Crown**, small, very double flowers of various colors, with white centers; extra fine: 10

**Cocardeau, or New Crown**, a beautiful variety; flowers large, double, with white quilled petals; arranged in free sprays with flat petals of another color; 5 inches: 10

**Washington**, flowers very double and perfect and of large size, measuring under good culture, 4 or 5 inches in diameter; 2 feet; mixed colors, 10

**Dwarf Pyramidal Bouquet**, a compact variety, with large flowers, each plant forming a perfect bouquet in itself; 10 inches tall, and one of the earliest of the Asters; 10

**New Dwarf Bouquet**, a fine variety, filling small beds, or for edging; very dwarf and compact; each plant looks like a bouquet of flowers; set in the ground; 6 inches, mixed colors, 10

**Dwarf Peony Perfection**, a new class of Asters of dwarf habit producing exceedingly fine, medium sized, Lilliput-flowered, bears a profusion of small double flowers; mixed colors, 10

**Tall Chrysanthenum-flowered**, broad, large flowers resembling Chrysanthemums; mixed colors, 10

**Dwarf Chrysanthemum-flowered**, dwarf variety of the above; mixed colors, 10

**Victoria**, a splendid class, with very large and double imbricated flowers; 18 inches tall; colors mixed, 10

**New Dwarf Victoria**, one of the finest of the dwarf Asters, with very double globular flowers of mixed colors, 10

**Peony-flowered Globe**, large, double flowers, and strong, branching plant; the earliest of the Asters; 10 colors, mixed, 10

**Hedgehog or Needle**, long, sharply-pointed petals; 2 feet; mixed colors, 10

**Bodderidge's Prize**, a strong branching plant, with regularly quilled flowers; the best quilled sort, mixed colors, 10

**Balsam**: The Balsam is a magnificent half-hardy annual, the tall varieties growing 2 or 3 feet in height, and in bloom from June till frost, the branches being completely covered with quilled flowers which resemble those of the Camellia and Camellias. It is best to start the seed early in boxes or a frame, Set the plants 18 inches apart, in good rich soil. The Balsam should be well watered, and the flowers allowed to fade, which is best hidden by the foliage; a good way is to pinch off all the side branches as fast as they start, leaving only the central shoot, which will grow very tall and he completely covered with flowers.

**Camellia-flowered Perfection**, a new and greatlyimproved strain and the most double and finest in cultivation. Pure white, pink, crimson, rose, mauve, scarlet, white striped and spotted with crimson, white striped and spotted lilac and purple, crimson mottled white, pink mottled white, scarlet mottled white, all colors mixed, 10

**Baronia aurea**: Showy, brilliant golden yellow flowers, one foot tall. Grow where they are to grow.

**Brachycome iberidifolia**, (Scarlet Daisy): A very pretty little hardy annual, producing an abundance of white and blue flowers, 18 inches tall, 10

**Browallia**: A very fine half-hardy annual, good for the garden and excellent for the house in winter; 18 inches tall, and plants may stand a frosty snap; blue and white, 10

**Roesli, a new species, with azure blue and white flowers which are double the size of the old varieties; mixed colors,** 10
CALEYDULA Meteor: One of the finest new hardy annuals introduced of late years. The flowers are very double with creamy white petals regularly and evenly edged with orange giving the flowers a very refined and elegant appearance. Seeds may be sown either under glass or in the open ground, and the plants are very hardy.

CALLIOPSIS: A very showy class of hardy annuals, blooming abundantly; flowers of a great variety of colors, in the golden, orange, or rich brown, often finely spotted. The plants grow from 1 to 2 feet tall, and may be set 6 or 8 inches apart; mixed colors, 50 cents per ounce.

CANNA: A delicious foliage plant, with large, broad leaves and scarlet or yellow flowers. Soak the seed in warm water for 12 hours, before setting out in the open ground; various kinds; many varieties, mixed, 50 cents per ounce.

CARDBOARD: An old and popular hardy annual, and is indispensable for bouquets. Seed should be sown very early in spring, where they are to bloom, and the plants thinned to six inches. Six varieties, mixed, 50 cents per ounce.

Dunnett's Dark Crimson, New Carmine, the brightest in color of all. Varieties, mixed, 50 cents per ounce.

CAPPARIS (Tassel Flower). Tassel shaped, scarlet and yellow flowers; 18 inches tall; mixed colors, 25 cents per ounce.

CENTAUREA: Very pretty plants, with large clusters of small flowers; rose color, 25 cents per ounce.

CAMPANULA lactiflora, (Bell Flower). Bears numerous small blue and white flowers. Set plants 4 or 5 inches apart; mixed colors, 25 cents per ounce.

CELOSIA cristata, (Cockcomb). A very curious half-hardy annual, blooming from July until frost. They should have good soil, and will repay any extra care given them in the increased size and beauty of the blooms. Set plants 12 inches apart; New Japan, a very beautiful variety, the combs delicately cut, and of the brightest scarlet and crimson; 2 to 3 feet tall, "

CHrysanthemum: The annual varieties, although not the finest, are among the most showy garden flowers, blooming freely all the summer. The plants grow about 2 feet tall, and seed may be sown under glass or in open ground. The flowers are both double and single, and of various shades of red, yellow, maroon, brown and white. All colors mixed, 50 cents per ounce.

CLARKIA: Fine and very hardy annual, blooming profusely in early summer. Sow seed in early spring in rich soil, and the plants will be 2 feet tall, and seed may be sown under glass or in open ground to bloom as soon as possible, and thin plants to 5 or 6 inches apart. The colors are purple, rose, crimson, white, red, orange, yellow, and white. Finest mixed, double and single, of every shade, 50 cents per ounce.

CLEOME speciosissima, (Spider Flower). Fine hardy annual; flowers in large clusters; mixed colors, 25 cents per ounce. Coloring: 18 inches tall.

COLOSSA: Fine hardy annual 18 inches tall, with mixed flowers, in large whorls; mixed colors, 25 cents per ounce.

CONVOLVULUS minor, (Dwarf Morning Glory). Of small hardy annuals, producing an abundance of flowers through the spring and summer. The plants are of spreading habit, and may be set 15 inches apart, or larger, if liked. Finest mixed, Mauritania, very pretty for hanging baskets, 50 cents per ounce.

CREPIS: A desirable annual with good double yellow, pink and white flowers; 1 foot in height; mixed colors, 50 cents per ounce.

DACULA: Large branching plants about 2 feet tall, with white, red, pink, and orange trumpet-shaped, sweet-scented flowers from 7 to 9 inches long. Start the seeds as early as possible under glass. Double and single, five varieties mixed, 50 cents per ounce.

DAHLIA: This popular flower is easily grown from seeds, which germinate as freely as Aster or Zinnia seeds, and if started early in a frame or boxes in the house, bloom almost as early as plants from the tubers, and frequently produce as fine flowers. Seeds saved from the finest collections of the named double varieties, 50 cents per ounce.

New Single: The new single varieties of Dahlia have become very popular and can be had in many colors, and are especially valuable for bouquets. They bloom very freely and are of all the colors of the double and single, and are from the largest and best collection in Europe.

Zimpan: a very singular species of Dahlia with small single flowers of a dark maroon color, almost black, mixed colors, 50 cents per ounce.

DELPHINIUM (Larkspur): Very fine and showy hardy annuals, with long spikes of flowers, and of the easiest culture. Sow as early as possible in the open ground, and thin to 8 inches apart. Ten of the finest double varieties and colors—all mixed, 50 cents per ounce.

DIANTHUS: The double varieties of China and Japan Pinks, and are among the most beautiful flowers now grown. The colors vary from deep red to white, and are produced abundantly all the first summer, and often the second season quite as well as the first. They grow 10 to 15 inches high, and may be set 6 inches apart or seeded in the open ground in late March. My collection of these is the largest and finest in America, and was awarded the First Prize by the Massachusetts Horticultural Society the past two years.

Chinesis, (China Pink): small double flowers in large clusters; mixed colors, 50 cents per ounce.

Chinesis albus fl.-pl., double white, 50 cents per ounce.

nanus roseus fl.-pl., rose color, extra fine, 50 cents per ounce.

nanus white, (Wild Pink), double mixed, 50 cents per ounce.

Heddegeigi, magnificent single flowers from 2 to 3 inches across and of the richest colors; mixed colors, 50 cents per ounce.

Heddegeigi fl.-pl., double, mixed colors, 50 cents per ounce.

atropurpureus fl.-pl., very large, rich dark red double flowers, 150 cents per ounce.

albus fl.-pl., large, double white, 75 cents per ounce.

nanus white, very large, double white flowers, 100 cents per ounce.

nanus coccineus fl.-pl., dwarf, deep blood red flowers, 50 cents per ounce.

diadenatus fl.-pl., (Diadem Pink), large double flowers, in men of bright marbling and rich, dazzling colors; mixed colors, 50 cents per ounce.

Eastern peach, very large, marbled with pink and rose; extra fine, 100 cents per ounce.

Crimson Beauty, very large flowers of the richest, deepest crimson; splendid sort, 150 cents per ounce.

laciniatus, large, single flowers with deeply fringed edges, 50 cents per ounce.

laciniatus, double flowers, with deeply fringed edges, 50 cents per ounce.

laciniatus atrosanguineus fl.-pl., large, double, dark blood magnificently show, violet flower, 150 cents per ounce.

striatus fl.-pl., double striped; extra, 100 cents per ounce.

pumilus, neat dwarf variety, mixed colors, 50 cents per ounce.

nanus fl.-pl., very large, dwarf double variety, mixed colors, 75 cents per ounce.

All the above in splendid mixture, 100 cents per ounce.
DIDISCUS caroleus: An elegant annual two feet high with umbels of sky blue flowers. Sow seeds twice early. 5

DOUBLE DAISY, (Bellis perennis): A well known hardy little flower. Seed should be sown in pots when possible, and set out set out 4 or 5 inches apart, in a cool, shady place. Best German seed, mixed colors. 15

Double daisy, extra fine. 5

Dorothy, low and white large red flowers. 21

ERYSIMUM: Showy hardy plants 18 inches tall, with clusters of yellow, orange and white flowers. Sow seeds early where they are to bloom; mixed colors. 5

EUROBRIA merpanata, (Mountview): Fine foliage plant, the leaves on the top of the plants margined with pure white: 15 inches tall. 10

GAILLARDIA:中的花, good bedding plant, of good habit and plenty of red, orange and white flowers all summer; about a foot high, and plants should be set apart 15 inches apart; mixed colors. 5

GODELIA: Fine, hardy plants with a profusion of showy flowers. Do best when sown where they are to bloom, and thinned to 8 inches apart; mixed colors. 5

GRAMMAS HETHE gentianoides: A coarse flower, with many flowers on a single stem. Good for baskets or rock work; reddish-orange, white. 10

GILLI: Very pretty for masses or clumps. When sown in August they are to grow tall, with 4 inches; mixed colors. 5

GYPSOPHILA: Very pretty hardy annuals, bearing numerous and very graceful sprays of flowers; very fine for beds or border, and indispensable for bouquets. 5

elegans, white and rose, mixed. 5

nana, dwarf, with beautiful blooms. 5

BLOOMS: 5

HELLANTHUS (Sunflower), finest double varieties, red, "Timber Wilde," the true Newport cypress. 5

HIBISCUS JAPONICUS: Large, showy flowers, orange color, with black centers. 5

KAULFUSIA: Pretty plants of dwarf growth, and daisy like; small, white, blue and crimson. 5

LEPTOSPRA: Low-growing, pretty, hardy annual with a profusion of small flowers. Rather coarse; blooming mixed when sown. 5

LINNARIA: A free-flowering, hardy annual, with spikes of brilliantly-colored flowers 1 foot tall; transplant or thin to 6 inches; mixed colors. 5

LINNAN MATS Douglasi: An exceedingly pretty hardy annual, with handsome daisy-like flowers of blue, yellow and purple. 5

LINUM grandiflorum rubrum (Scarlet Flax): Showy, Phlox-like flowers; 1 foot. 5

LOBELIA: Beautiful hardy annuals, bearing a great number of small richly-colored flowers. Exceedingly fine for baskets or edging to beds. About 6 inches in height, and plants should be set 4 or 5 inches apart. 5

speciosa, sky blue, white eye. 10

erinus, compact, blooming mixed when sown. 5

gracilis rosea, rose color. 10

marmorata, white, with sky blue border. 5

Finest mixed; 8 varieties cardinalis, (Cardinal Flower): A splendid hardy perennial, with spikes of dark red scarlet flowers, becoming the first season's growth, and forming a useful plant 2 feet tall. 5

LUPINUS: The annual Lupins are very showy plants with long spikes of pea-shaped flowers of various shades of blue, purple, yellow, etc., and are very striking when mixed. 5

Lycopsis, ultra-marine, for the garden. 20 sorts mixed. 5

LYCNHIS: Handsome and showy hardy perennials. Set seed early and they will bloom either year or first year. Chelatedonica, scarlet and white mixed, grandiflora, very large and brilliant; 10 inches tall; scarlet, vermilion, rose, orange, white, &c., mixed. 10

MALOPE GRANDIFLORA: A splendid hardy plant with purple and white flowers. Sow seeds twice early. 5

MARIGOLD: For masses of yellow there is nothing finer than the Marigold. The African are tall, with large flowers, and the French variously known for their numerous double flowers, often finely striped with brown. African Marigold, finest mixed. 5

French Marigold, dwarf, for the garden. 5

French Marigold, Dwarf sorts, finest mixed, siganta pumila, a very showy plant, growing about a foot tall, as round as a ball, and completely covered with hundreds of small single flowers of a bright yellow. 5

siganta pumila, (Golden Rings): Like the above, the fact that it is only of little growth, and the flowers are of a Rich golden yellow with orange center. The finest of all bedding plants. 5

MESEMBRYANTHEMUM crystalinum (Ice Plant): A curious half hardy annual. The leaves look as though covered with crystals of ice; of trailing habit; very fine for baskets. 5

cordifolium variegatum, (variegated Ice Plant), yellowish green leaves. 5

MIGNONETTE, Sweet, (Reseda odorata): Well known hardy perennial; sweet-scented flowers. 5

Miles' New Spiral, has proved one of the best. The plants are of a compact habit, with long spikes of golden yellow flowers. 5

Plants should stand at least 18 inches apart to become fully developed. 5

MEMULUS, (Monkey Flower): Very free-flowering low-branching plants with small, mixed, flowers; splendid for house culture and good in the garden. Sow seeds in the house. 5

hybrida, finely spotted, splendidly colored. 5

tigrinus albus, white ground spotted crimson, 5

tigrinus, f.pl., double, brilliant yellow, spotted, and mottled with purple. 5

moschatus (Muscat Plant), yellow. 10

MIRABELL Jalapa: This old garden favorite, popularly called Marvel of Peru and Four O'clock, is one of the most ornamental of flowering plants, resembling in its habit of growth and form of its bright and varied colored flowers, the beautiful Chinese Azaelas; 2 feet tall; 8 varieties mixed. 5

MIRABILIS Jalapa, (Rockey Club), very long, white and purple sweet scented flowers. 5

MOLUCCELLA, in spring, quite charming. 5

very singular hardy annual, a native of Syria, with curious shell-like flowers. 5

MOSQUITO, (Forget-me-not): Well known hardy perennial, with finely divided delicate flowers. Bloom first season when sown early. 5

alpestris, white, blue, and rose mixed. 5

alpestris, grandiflora, very large, sky blue. 5

palastris, (Common Forget-me-not), white and blue. 5

semperflorens, splendid new large-flowered variety of the last. 5

flore albo, large white flowers. 5

sylateica, (Caledonia Forget-me-not), deep blue, dissitiflora, large, dark blue; splendid for edging. 5

ISSUS coronaria, sky blue. 5

NEMOPHILA: A very pretty little flower, producing a profusion of small white and blue, edged and spotted flowers; about 6 inches high. Sow seed as early in the spring as possible, in a cool, shady place, and thin the plants to 5 inches apart; 8 colors, mixed. 5

NIGELLA, (Pigweed): An annual, variously known; 1 foot tall; large, showy blue and white flowers and finely divided leaves; mixed colors. 5

NYCTERISMA: Small plants with very pretty tiny star-shaped flowers, and a variety of colors. 5

NYEREMBERGIA: Profuse, blooming little plants, with white and yellow flowers. 5

O BELLIS CARLIA pulcherrima: showy plants, with large velvety-crimson flowers, edged with yellow. 5
**ENOOTHERA, (Evening Primrose):** Showy, hardy plants, which open their flowers suddenly, when out of season. *E. acutilis alba,* a dwarf plant, producing exceedingly beautiful pearly-white flowers, about 1 inch across. ........................................ 5

*Lamaraickana grandiflora,* produces an abundance of long, yellow flowers, 4 inches across, very showy, each perennials coming first season if sown early. ........................ 5

**OX YTA: chrysanthemoides,** A remarkably fine and very hardy plant, with double deep yellow, flowered edge, with white, 1 foot in height ........................................ 5

**PALAFOXIA Hookeriana:** Rosy crimson flowers, in spikes, are produced, beautifully edging from 1 foot 5 inches to 1 foot 8 inches. ........................................ 5

**PANSY:** The Pansy is one of the most beautiful and popular flowers in cultivation. It may be had in a great variety of colors, each perennials coming first season if sown early. ........................ 5

**PERILLA Nankinensis:** A dark leaved foliage plant of great beauty, resembles the Oriental Poppy, bears flowers deep crimson, purple or dark mulberry; 18 inches tall .......... 5

**PETUNIA:** Few flowers equal the Petunias for a brilliant display. They are very hardy and of the easiest culture, and their flowers are produced in profusion from June until hard frosts in autumn; fine varieties mixed. ........................................ 5

**Emilia ciliata**, see novelty list. ........................................ 5

**Double:** The double Petunias bears no seed, and seed that will produce a fair proportion of double flowers is obtained by crossing the single flowers with the double, which is a slow and expensive process. Seed should be sown in a frame or boxes, and particularly taken to save the smallest, weakest plants, as these are the ones that produce the finest double flowers. Packets of about 50 seeds................................. 5

**Double fringed,** produces from 10 to 20 per cent. of large, double and beautifully fringed flowers. Packet of 50 seeds ........................................ 5

**PHACELLA:** Fine hardy annuals; excellent for cutting for bouquets; blue and white, 5

**PHIOX DRUMMONDI:** This is without question the most popular hardy annual in cultivation, and no garden, however small, should be without it. A bed of these plants will be completely covered with flowers from June until hard frost in autumn. For a bed on the lawn, where a continuous display is required, nothing can be finer. Fifteen inches tall. Plants should be set a foot apart if the soil is rich; if nearer they are apt to mildew, which injures the flowers. ................................. 5

**Pure white.** ........................................ 5

**Brilliant Crimson.** ........................................ 5

**Blood Purple, very dark.** ........................................ 5

**Light Yellow.** ........................................ 5

**Red:** ........................................ 5

**grandiflora,** a great improvement on the common varieties, the flowers being larger and of a better quality, single mixed ........................................ 5

**grandiflora,** 15 separate colors; white, crimson, crimson with white eye, dark purples, all beautifully striped with white, rose with white eye, white with dark eye, scarlet striped white, carmine with large white eye, etc., each color, ........................................ 5

**POLYGYTM striatum:** An old, very showy plant from 5 to 8 feet tall, bearing graceful, drooping pinacities of red and white flowers; mixed colors ........................................ 5

**POPPY, (Papaver):** This old and well known flower, like many other old fashioned flowers, has been much improved of late, and those who have not seen the modern varieties would be surprised at the great improvement made. The flowers are now as large and showy as pionies, with double flowers, and a choicer variety of colors; choicest mixed; of every variety and shade. ........................................ 5

**UMBROSA, heavy Egrow, large single flowers of an intense scarlet color, with a large coal black spot at the base of each petal.** ........................................ 5

**Danebrog, or Victoria Cross:** Another new sort, bright scarlet, with a large white spot at the base of each petal, forming a dainty Dianthus-yellow colored at the edge, very abundant. ........................................ 5

**PORTULACA, grandiflora:** For brilliant, dazzling colors, nothing can excel a bed of Portulaca in flower, as it produces numerous, and produced in profusion all summer. Easily transplanted at any stage of its growth, even when blooming, germinates slowly, requiring considerable heat, and care must be taken that the surface does not get dried out, which will surely ruin the seeds. Some say safety is the cause, especially when sown in the open ground. Ten colors mixed. ........................................ 5

**Double rose-flower,** a variety of the above, the flowers closely resembling small roses. Everybody who sees a bed in bloom is very delighted. One-half of the plants seed from first quality will usually produce double flowers. To make a bed of all double flowers, set plants 8 inches apart. Flower buds appear soon as they show flower transplant the double ones to a bed where they are to bloom, or dig them up and place them in a warm greenhouse, if no other flower is growing there. Eight fine colors mixed, first quality ........................................ 5

**RICINUS, (Cotter Oil Bean):** A class of ornamental foliages plants of great beauty and quite a tropical appearance; leaves vary very large, sometimes 2 feet in diameter; fine as single specimens, or in small groups. Plant the seed in the open ground, see about the middles of May, when the earth is quite warm. In this latitude, in the open ground, and give the plants good rich soil and plenty of room. Five varieties mixed ........................................ 5

**SAPLIGLOSSIS,** (Velvet Flower): An exceedingly fine hardy annual that deserves more extended culture than it receives. The flowers are bell-shaped, or very rich and varied colors, the texture of the petals resembling the richest velvets. About 2 feet tall and the plants should be set for thinner, 2 inches apart. Best in sandy or clay soils, mixed, ......................... 5

**grandiflora,** a new variety, with flowers twice the size of the old, and of a variety of rich colors: mixed colors ........................................ 5

**SALTIL, (Flowering Sage):** Very beautiful half-hardy plants, or very rich and varied colors, the reliability of their colors. Sow seed early in a frame, or the house, if possible, and transplant 15 inches apart after the weather has become warm. *S. splendens,* large flowers in long spikes, and of the brightest scarlet ........................................ 5

**coccinea splendens,** scarlet, late and fast showing ........................................ 5

**patens,** produces the most beautiful shade of blue known in flowers. Plants may be cut back to the ground in the fall and the roots potted for the house ........................................ 5

**SEDEUM, (Stone Crop):** Very interesting plants bearing a rosy flower of a stateliness of stature, very fine for rock and rustic work ........................................ 5

**SCABIOUS,** (Mourning Bride): This old hardy annual, produces large plants of a profuse nature, being very showy and of a great variety of colors, ranging from white to almost black. For cutting purposes, single white, single pink, and cutting finer. Plants should be set a foot apart. ........................................ 5

**Double Tall:** ........................................ 5

**Double Dwarf:** ........................................ 5

**New Golden-leaved, yellowish green foliage.** ........................................ 5

**S. ENECIO elegans,** Fl. Pl., (Jacobea): A beautiful plant, with double flowers of various colors and of easy culture: mixed colors ........................................ 5

**SAPONARIA CALABRECA:** Very fine flowering dwarf plant with small white and pink flowers; mixed colors, ........................................ 5
AQUILEGIA CERULEA (Rocky Mountain Columbine).

DOUBLE ZINNIA (½ natural size).
CLIMBING PLANTS.

The annual climbers are very useful for covering arbors, verandas, fences, etc., which they will do in a very short time. Support should be furnished to each plant for the best effect. They are very rapid growers, and the best selected kinds can be trained to cover 20 or 30 feet in a season.

**ABOBRA ceydiliforma**: Highly ornamental, bearing small scarlet fruits; 10 feet. 5

**BRYONY gigantea**: Bears large, red, and small, green-striped fruits, turning to red, striped with white; 10 feet. 5

**CALAMAGROSTIS inermis**: Inbred with racemes of bright orange flowers. Sow under glass; 6 feet tall. 5

**CARDIOSPERMUM halicacabum** (Balloon Vine): Bears in small clusters, inflated, balloon-like seed capsules. Sow under glass; 5 feet. 5

**BARDIA CANESCENS**: A tender climber, with white flowers, annual, 6 feet. 5

**BULGARIA CATHARTICA**: A beautiful climber, with crimson, white, and yellow flowers, 5 feet. 5

**COPALIA canescens**: A beautiful climber, with white and yellow flowers, 5 feet. 5

**CONVOLVULUS major** (Morning Glory): A well-known and very popular hardy climber of rapid growth, with scarlet flowers, 30 feet. 5

**COCCINEA Indica**: Very handsome ike-like, smooth, glossy leaves, and large, white flowers, which are followed by deep scarlet fruits; 8 feet. 5

**CUCUMIS discoseus**: An interesting climber with cucumbers; 10 feet. 5

**CYCLINTHIERA exolodens**: A rapid-growing climber, with pretty, ovate fruits, which explode and shoot the seeds when ripe. 5

**DOLICHOS lablab**: A good climber, with purple and lilac flowers. 5

**ECHINOCYSTIS lohata**: A strong, rapid-growing climber, with scarlet flowers, and large clusters of white flowers in profusion all season. 5

**FOPHEA**: One of the best of the climbers, with splendid large flowers resembling the Morning Glory, but much larger and of more brilliant colors; netted, mottled colors. 5

**Quamoclit**, (Cypress Vine): Elegant foliage and small, bright scarlet and white flowers. 5

**MAURANDIA Belladonna**: With singularly beautiful climber, with bell-shaped flowers and neat, abundant foliage; 6 feet; mixed colors. 5

**MUCKI a sobrelia**: A fine climber, of rapid growth, with heart-shaped leaves and scarlet berries. 5

**ORTNAMENTAL CUCUMBERS**: Very fine climbers with highly ornamental fruits of various curious forms and colors. Balsam Pear, Balsam Apple, Gooseberry-form, Serpent-fruits, etc., are the commonest of the ornamental cucumbers. 5

**ORTNAMENTAL GOUDY**: Rapid-growing climbers, producing some of the most elegantly colored and singularly formed of all fruits. Plant in rather poor soil. Orange, Lemon, Apple, Pear-formed, and may other sorts mixed. 5

**Japanese Egg-nut**: A strange curiosum of Gourd having highly ornamental fruits that so nearly resemble hens' eggs in size, form, and color, that the clever 'hinde' often succeed. When ripe they will not freeze or break, and make the best nest eggs. Plant in rather poor soil, and treated like squashes. 5

**PHASEOLUS cocinea** (Scarlet-Runner Bean): Well-known climber, with brilliant scarlet flowers. 5
SEEDLING GLADIOLI.

JAPAN PINK, EASTERN QUEEN.
(\(\frac{3}{4}\) natural size.)

BARTONIA AUREA.

CALCEOLARIA.

NEW MARIGOLDS.

SOLANUM CAPSCICAETRUM.
(Jerusalem Cherry.)

IMPROVED POPPIES.

DOUBLE DIANTHUS (Japan Pink).

IMPROVED SWEET WILLIAM.
(\(\frac{1}{2}\) natural size.)
SWEET PEA: A well-known and very valuable annual. It blooms in clumps, 4 inches deep, as early in the spring as possible, and furnish support as soon as up. 12 colors, mixed, per lb., $1.00; per oz, 10 cts. packets.

Twelve colors separate.—White, pink and white, bluish, purple, dark red, scarlet in-vincible, purple striped, black, light blue and purple, blue-edged, scarlet striped white, pink—each color, per oz., 15 cts.; pkt., 10 cts.

Collection of 12 colors, one package of each, 75 cts.

THUNBERGIA: A very ornamental free-flowering, tender annual; exceedingly fine for baskets, and does well in the garden; sown in a frame or boxes; 4 feet; mixed colors.

Eleven colors separate,—crimson, scarlet, orange, brownish lilac, chocolate, yellow, scarlet-striped, light yellow, straw color spotted, purple-violet, maroon,—each color.

peregrinum (Canary-bird Flower): bears a profusion of many bright yellow flowers; very fine: 15 feet.

Lobiannum, a beautiful species, with very brilliant flowers of various colors, especially fine for cutting, and used in the garden.

VICIA Gerardi: a very pretty climber with violet flowers.

The Everlasting Flowers are a very valuable and beautiful class, keeping their natural form and color throughout the season. They can be cut when in the bud, or as soon as they begin to open, and hang up in small bunches so that the stems will dry straight. They may then be used annually and many years in making wreaths, baskets, etc., and make beautiful ornaments for the parlor. Plants of all the varieties may be set about ten inches apart.

ACROCLINITES rosea: One of the most beautiful of the Everlastings; bright rose color and white: mixed colors.

AMMOURIT grandiflorum: This is a valuable addition to the Everlasting flowers, being double, pure white and twice the size of the old variety.

GOMPHREVA globosa: (Globe Marigold): The best known of the Everlasting flowers. Do not pick until the flowers are fully grown. Mixed colors.

HELICHRYSUM monstrosum: One of the very best and most showy of the Everlastings; flowers very large and many bright colors: 2 feet; mixed colors.

HELIPTERUM Sanford: A very choice variety, each plant bearing a good many large clusters of small, rich golden-yellow flowers.

RHODANTHE: Very elegant and delicate rose-colored, white and maculated flowers; mixed colors.

HERANTHEUM: Purple and white double heli-shaped flowers; mixed colors.

The Everlasting Flowers are very useful for working up with the Everlastings.

SOW in the open ground early in the spring. They should be cut when in bloom. Tie up in small bunches, and dry in the shade.

25 finest Annual sorts, mixed, 10 cts.

15 finest Perennial sorts, mixed, 10 cts.

ERNANTHEUS Racemo: A beautiful hardy perennial grass, growing 10 feet in height, with elegant plumes of flowers. It may be used as very fine as single specimens for lawns; blooms second season.

ORNAMENTAL GRASSES.

The varieties under this head mostly flower in the spring and summer of the second year, from seed, and can be cut from the end of the first year. Sow in the open ground in the fall, for the most part, at the rate of 500 seeds per 100 feet, in 3 rows 1 foot apart. Take the second and third cuttings in the same season. Keep the ground uniformly in good tilth, and do not cut them after the first bloom. The varieties are a valuable addition to the garden, and are most effective when planted at the borders of shrubbery, etc.

ADLUMIA cirtbosa, (Mountain Fringe): A very fine blenner climber, with graceful foliage and clusters of small tubular pink flowers: 8 feet.

PURPAREA, purple flowers: very fine.

ACYDUMON adnelli (Monkshood): Showy plants, doing well in shade; blue and white.

AMON BONE Japonica alba: Splendid autumn blooming plant with large white flowers.

ARMERIA maritima, (Sea Pink): Very hardy plant largely used for edging; rose pink; 6 inches.

AQTELLA, (Columbine): An old, hardy perennial, producing fine flowers of many great many colors: 30 varieties mixed.

AESMELE, flowers 2 or 3 inches in width and very fragrant; 6 feet; mixed colors.

CHRYSANTHE: Like the above except in color, which is a beautiful canary yellow; remains in bloom a long time.

CAMPANULA: These are among the best of the perennials, with large bell-shaped flowers, white, rose, blue, etc. Medium, (Cranberry Bell), double and single mixed: eight colors.

CATCALYME, a new and beautiful variety, with the calyx the same color as the corolla, grandiflora, very large open flowers of a beautiful light blue, remaining in bloom half the summer; 2 feet.

grandiflora alba: white; very fine.

pericincia PL-pl., double pink flowers.

Carpatica, blue and white mixed.

CEDROXAL: cane: Long spikes of purple flowers and fragrant foliage; 2 feet.

CHAMPELCE Cebune, (Fishbone Thistle): Glossy white-veined leaves and brown spines.

CHELONE barbat: An elegant plant with long racemes of scarlet Pentstemon-like flowers; 3 feet.

CARNATION, (Dianthus caryophyllus): The most magnificent of the Pink family.

Cholice mixed, German seed, from named flowers of all the variety, 15 cts.

DLYANTHUS plumarius, the old original fragrant Clove Pink.

plumarius flora: a fine, double variety of the above.

DELPHIUM: (Perennial Larkspur): For a mass of blue there is nothing that will equal in richness and brilliancy the Perennial Larkspurs; finest mixed.

Double: finest double varieties mixed.

nudicaule, a beautiful new scarlet species.
TRITOMA GRANDIFLORA.

ACROCLINIUM.

Oxalis.

GENOTHERA (Evening Primrose).

CINERARIA GRANDIFLORA.

(C\textsuperscript{\textfrac{1}{2}} natural size.)

COLEUS

EMPEROR PETUNIAS (Laced-edged Section).

(Much reduced in size.)

CHINESE PRIMROSE.

CHINESE YAM, OR CINNAMON VINE.

SUPERB DOUBLE HOLLYHOCK.

(C\textsuperscript{\textfrac{1}{2}} natural size.)
SEEDS FOR THE WILD GARDEN.

What is called a wild garden is becoming very popular. The plan is to take some back corner or spot in the garden and sow a quantity of the most hardy flower seeds that have been well mixed together, and this way to pretend much to the effect that the flower is very striking. I had many calls for such seeds last year, and have put up packages expressly for this purpose. Price per large package containing a great variety of seeds best adapted for the "Wild Garden," well mixed, 35 cents.

### MISCELLANEOUS SEEDS

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Sweet Flag</td>
<td><em>HEDYSARUM coronarium</em></td>
<td>Racemes of pea-shaped scarlet and white flowers: very fine; mixed colors.</td>
</tr>
<tr>
<td>Dainty Columbine</td>
<td><em>IRIS</em></td>
<td>Large clusters of sweet-scented white and purple flowers: 3 feet, mixed.</td>
</tr>
<tr>
<td>English Lavender</td>
<td><em>IRIS</em></td>
<td>Large clusters of sweet-scented white and purple flowers: 3 feet, mixed.</td>
</tr>
<tr>
<td>Hollyhocks</td>
<td><em>HELIANTHUS</em></td>
<td>Very desirable perennial, bearing clusters of white flowers in May and June.</td>
</tr>
<tr>
<td>Indian Blanket Flower</td>
<td><em>LUPINUS</em></td>
<td>Very showy plants, 2 to 8 feet tall, with large spikes of pea-flowering forms.</td>
</tr>
<tr>
<td>Jacob’s Ladder</td>
<td><em>LATHYRUS latifolius</em></td>
<td>A blue perennial, with large clusters of red and white flowers.</td>
</tr>
<tr>
<td>Creeping Phlox</td>
<td><em>PAPAVER</em></td>
<td>Very showy scarlet and orange flowers, includes cross with large black blotches.</td>
</tr>
<tr>
<td>Pinks, Florists’ or Paeony</td>
<td><em>PINK</em></td>
<td>Very beautiful and fragrant, small double flowers; choice.</td>
</tr>
<tr>
<td>Common Foxglove</td>
<td><em>POTENTILLA</em></td>
<td>These are very popular in England and should be grown in this country.</td>
</tr>
<tr>
<td>Polyanthus</td>
<td><em>PRIMULA</em></td>
<td>A very interesting and beautiful class of spring-blooming flowers.</td>
</tr>
<tr>
<td>Red, Yellow, or Purple Campions</td>
<td><em>CELASTRUS scandens</em></td>
<td>A beautiful and fragrant, small double flowers; choice.</td>
</tr>
<tr>
<td>Gladiolus</td>
<td><em>GLADIOLUS</em></td>
<td>The Gladiolus is easily raised from seed, flowering the third year.</td>
</tr>
<tr>
<td>Red-hot Poker Plant</td>
<td><em>HYPACINTHUS Candidans</em></td>
<td>A splendid bulbous plant with large spikes of tall, white flowers.</td>
</tr>
<tr>
<td>Sweet William</td>
<td><em>DIANTHUS barbatus</em></td>
<td>The Sweet William is an old and well known flower, and has been much improved</td>
</tr>
<tr>
<td>Wallflower</td>
<td><em>CHERITIS CHERRY</em></td>
<td>A very beautiful half-hardy perennial with spikes of fragrant flowers released during the first of June.</td>
</tr>
<tr>
<td>Veronica</td>
<td><em>VERONICA</em></td>
<td>Showy spikes of blue and red flowers.</td>
</tr>
<tr>
<td>Vervain</td>
<td><em>VALERIANA</em></td>
<td>Long heads of scarlet and white flowers.</td>
</tr>
</tbody>
</table>

### DIGITALIS, Foxglove

- A very fine perennial with very large clusters of drooping bell-shaped flowers: 3 feet; mixed colors.

### SWEET WILLIAM

- A perennial with large scarlet flowers, 4 inches across. Requires protection in the northern states during winter: 6 feet tall.

### HOLLYHOCK

- The most showy of all the perennials; fine, mixed, double.

### IRIS

- This is the common Iris, from Japan, is the most magnificent of all the Iris family. The flowers are from 5 to 8 inches across, and the different shades of rich blue and purple, often blotched and laced with yellow and white. Easily grown from seed, which germinate in 3 to 5 weeks; fine, mixed colors.

### LINUM perenne

- A beautiful, fine, mixed perennial, with finely divided leaves and long spikes of scarlet and yellow flowers: 3 feet tall; mixed colors.

### LUPINUS

- Very showy plants, 2 to 8 feet tall, with large spikes of pea-shaped flowers; fine, mixed colors.

### LUNARIA biennis

- An old plant with purple flowers and curious silvery seed pods: choice for winter borders; 2 feet.

### LATHYRUS latifolius

- A blue perennial, with large clusters of red and white flowers.

### PAPAVER

- Very showy scarlet and orange flowers, includes cross with large black blotches.

### PINK, Florists’ or Paeony

- Very beautiful and fragrant, small double flowers; choice.

### POTENTILLA

- These are very popular in England and should be grown in this country. The flowers are of very brilliant and varied colors and freely produced for a long season: 1 foot; double, mixed from a choice collection.

### PRIMULA

- A very interesting and beautiful class of spring-blooming perennials. This requires from 6 to 8 weeks to germinate, and must be sown under glass.

### VIOLETA odorata

- Very showy spikes of blue and red flowers. Seeds very slow of germination; mixed.

### VALENCIA

- Long heads of scarlet and white flowers.
There is a good deal of pleasure in growing house plants from seeds, and very often as many plants can be grown from a packet of seeds as would cost several dollars if purchased from a greenhouse. Many of the varieties germinate as easily and quickly as the common annuals if properly treated. The following boxes (serir boxes are just the right size for the seed) should be kept in the soil of a sandy nature, and press it down smooth and hard: make drills an inch apart by pressing the straight edge of a thick pan of glass into the soil to the depth of a sixteenth or eighth of an inch according to the size of the seeds and sow the seeds at the proper depth, cover the soil that has been sifted through a fine sieve; press down the soil quite hard over the seeds and water carefully with a fine spray, so as not to wash the soil from the seeds; cover each box with a pane of glass and put it in a warm place I have kept success for choicest seeds that is on a mantel shelf back of a kitchen stove. Take particular care to keep the soil just moist so that it does not look dry, until the seeds germinate. As soon as the plants begin to come up, give plenty of air by partially or wholly removing the glass, and move the boxes at once to a warm, sunny window. Verious seeds need more heat than could be supplied only in a stove. (The above directions apply respectively to the smaller house plant seeds, but the same treatment is best for all small seeds like Petunia, Portulaca, etc.) The seeds of Chlianthus, Geranium, Cyclamen, Heliotrope, etc., need a cool shaded place. If the seeds are not choicest seeds, are kept too dry and sooty, grow very slowly, if at all. After the plants have made a little growth and as soon as large enough to handle, pot off singly in small pots and have the boxes for the young plants. They should be kept growing vigorously in good rich soil during the summer to obtain an abundance of nice flowers in winter.

The seeds I offer were saved from the most celebrated prize collections in the world, have been carefully tested, and will germinate freely if properly treated.

**ABUTILON, (Flowering Maple):** Choicest mixed, 20

**AZALEA Indica, A splendid shrubby plant covered with a mass of bloom: 3 feet; choice, mixed.**

**BEGONIA, Various Empress, The most beautiful, profuse blooming flowers of various shades of red and yellow; choicest ever produced, the finest in Europe.**

**CALCEOLARIA hybrid, One of the grandest of house plants, bearing a mass of curious flowers, quite attractive; seed, mixed.**

**CARNATION, Monthly or Perpetual, Choice mixed, German seed.**

**CARNATION, Turkish, A good Sowbread, very hard and slow of germination. Cover these a quarter to a half inch deep, and they must be kept quite moist and warm till they germinate, which will be in 4 to 8 weeks; and they should be sown in boxes by themselves and not mixed with other seeds.**

**CARNATION, Suprema, A magnificent trailing plant with large clusters of pea-shaped scarlet flowers, each flower 3 to 4 inches long, with a large black spot in the center.**

**CARNATION, Perpetual, to a muscular growth of the finest varieties: seeds, mixed.**

**CARNATION, Variegata, A superb new strain with very large flowers of various rich colors.**

**FERN: Choice mixed seeds, (spores) of these graceful plants. Slow of germination, 20.**

**FUCUS elta, (Indica Rubber Plant).**

**FUCHSIA:** Choicest mixed, 25

**GERANIUM: These well-known bedding and house plants are easily grown from seed, which germinates unevenly but quite surely. Soak the seeds for 12 hours before sowing, and keep it moist and warm until it germinates.**

**Zonal, choice mixed seeds, (spores) of named varieties, packet of 15 seeds.**

**Zonal variegata, gold, silver, tricolor and bronze foliage, sorts; choicest mixed, packet of 15 seeds.**

**Apple-scented, packet of 15 seeds.**

**Ferargantum, (Lady Washington Geranium); choice large-flowering and fancy varieties mixed, packet of 15 seeds.**

**GLOXINIA grandiflora: Very handsome bulbous plants producing a profusion of large bell-shaped flowers of the richest and most varied colors, through the summer; choice, mixed.**

**HELIOPOPE: Finest mixed, 10.**

**HUMEA elegans: Graceful ruby red drooping panicles of flowers; half hardy biennial; 6 feet.**

**HIBISCUS fulgens, (Crimson Fire Crocus): Half-hardy shrubs with gorgeous crimson-scarlet flowers, 4 inches across.**
GLADIOLI: The Gladiolus is the best and most popular of what are called Summer Bulbs. Its tall spikes of large flowers, which are of almost every shade of color, spotted, hatched and striped in the most beautiful manner, are truly gorgeous. The bulbs may be planted six inches apart, in any ordinary garden soil in April, May and June, and covered from 3 to 5 inches deep, according to size, and they will always give a good account of themselves. The Gladiolus blooms in about three months from planting, and by planting them at intervals of two weeks they may be continued in bloom. GLADIOLI, splendid mixed varieties, including many fine seedlings, equal to the best named varieties. They are nice flowering bulbs, and always the solution of any dissatisfaction, making a splendid display for a little money. Per dozen, 50 cents; per half dozen, $1.00; per hundred, $5.50; per thousand, $300.00.

GLADIOLI, named varieties. I have a large collection of choice named varieties; prices from 15 cents each, according to rarity.

CHINESE YAM, or Cinnamon Vine, (Bulbous Batatas). A hardy, handsome, ornamental vine of remarkably rapid growth, climbing from 15 to 30 feet in a season.

The leaves are glossy green, veined with purple, and are never touched by insects. The flowers are small, white, in clusters, and emit a peculiar, cinnamon-like odor, so strongly as to fill the air around in the evening. The roots or tubers, which are edible, increase in size from year to year, and grow to a weight of several pounds each, and when once started, will last a lifetime in the ground. Plant the roots three inches deep in any garden soil. It is well to cover the roots a little with some leaves or straw the first winter, but after that they are perfectly hardy in any part of America. The bulbs can be planted whole or divided in pieces, each piece will grow. One year old tubers, 25 cts. each, three for 50 cts.; eight for $1.00. (Ready early in April.)

TUBEROSE, Pearl: The Tuberose bears spikes of pure white, wax-like double flowers. Plant in boxes of soil in the 30th week of Lent, and remove to the garden when the weather has become warm, or they may be flowered in pots or boxes. Pearl is a new dwarf variety and much better than the old sort, bearing low growth, with larger flowers. Nice large bulbs, 15 cts. each, two for 25 cts.; per dozen, $1.25. Bulbs can be sent only in April and May, after danger from freezing is past.

VEGETABLE SEEDS

STANDARD LIST.

I do not offer a long list of varieties, but only such as experience has shown to be the best, the cream of a large number of varieties. I design to have my vegetable seeds as reliable as my flower seeds, and also favor them very highly orders may depend on results, and may diversify to a great extent. Those who want more than one package of any variety, may have three packages of any one variety for the price of two. This brings the 5-cent kinds down to about 3 cents, and the 10-cent kinds to about 6 cents. Every grower applies only to the scarset of the scarset of the scarset, not to three packages of different varieties of the same vegetable: for example, the price of three packages of Bassano Beet is 10 cents, but one package each of Bassano, Blood Turnip and Imperial Sugar Beet would be 15 cents.

BEANS, BUSH VARIETIES: Black Wax, a long time in hearing: black seeds... 10
Golden Wax, very tender and fine... 10
Dwarf Horticultural, one of the very earliest and best for shelling, either green or dry... 10

BEANS, POLE VARIETIES: Dever's Improved Lima, a great improvement on the old Lima, being more productive and of better quality, while the beans grow closely together and are of large size, and ready for the shell. 10
Concord, one of the very best... 5
Improved Spade, very fine sort... 5

CORN SWEET, white, of all varieties, except the Corey... 10
Ford's Early, a little later than Marblehead, the best in quality, extra early sorts... 10
Crosby's Early, earlies, 12-rowed, about 2 weeks later than Marblehead: very tender and sweet... 10
Black Mexican, a little later than Crosby, and one of the tenderest and sweetest of all varieties: nearly as white as any sort when fit for use... 10
Evergreen, old, standard late sort... 10
Egyptian, very late, and the latest of all... 10
CORN POP, the best white for parching... 10

PEAS: Little Gem, the earliest and best of all the early wrinkled varieties, height 3 1/2 feet... 10
Champion of England, old standard sort... 10
ASPARAGUS: Cooper's Colossal, the best variety. Soak the seed well and sow in drills 3 inches deep... 5
BEET, Egyptian: Turnip... 5
Early Bassano, very early, tender and sweet... 5
Early Blood Turnip... 5
Long Blood Red, for winter use... 5
Imperial Sugar, the sweetest of all sorts, and best for greens if not for pickling... 5
CABBAGE, SUMMER VARIETIES: Early Winningstadt, one of the most reliable for being extra early sorts... 10
Early Wakefield, a standard variety for market... 10
Henderson's Early Summer, extensively grown for market... 10
WINTER VARIETIES: Stone Moson, nearly every plant will produce a good solid head... 10
Marlhead Mammoth, the largest of all, has been grown to weigh 90 lbs., each... 10
Foster's Brunswick, popular for market... 10
Premium flat Dutch, old standard sort... 10
Late Blood Red, for pickling... 5
A SPECIAL REQUEST.

Should you receive more than one Catalog, or have no use for this one, please hand it to some friend who is interested in growing choice flowers, and if you will at the time say a good word for my seeds, I shall be doubly obliged.

It is my rule to send a Catalog to all who order seeds the previous year, and then, if I do not hear from them, I drop their name from my books, as I have no means of knowing whether they are still living in the same place and desire another Catalog. This I very much dislike to do, and I hope that each one who receives a Catalog will send at least a small order, if no more than a ten-cent one, so that their names will appear on my books and I can send them a Catalog next year.

BOWKER’S FOOD FOR FLOWERS.

This is a fertilizer made expressly for flowers grown in the house or garden. It is free from odor and clean to handle. It produces a healthy, luxuriant growth, and induces early and profuse flowering.

SPECIAL TO CANADIAN CUSTOMERS.

The postage on all seeds sent from this country to Canada is very heavy, being 30 cts. for each package, no matter how small the package may be, even if it be but a single packet of seed, the postage on small orders being more than the price of the seeds; and to save my self from loss I am obliged to ask my Canadian customers to remit eight cents extra in addition to the price of the seeds, when their orders are less than 40 cents in amount. I will always pay postage on all larger orders.
VEGETABLE SEEDS

Varieties of Recent Introduction of Special Merit.

During the past few years, hundreds of varieties of vegetables have been introduced by seedsmen, all of which were not the older varieties, last number of cents of which on these varieties in your grounds as fast as offered, and most of them repeatedly. Many of them I find to be either identical with old sorts or inferior to the best of the standard varieties, or at least no improvement on them, while a few, perhaps one in ten, have proved to be real and valuable improvements, and should have a place in every garden. For among them I select the following, which are the very cream of the novelties introduced during the past few years. I advise all my customers to give them a trial, feeling confident they will not have any reason to regret doing so.

These four collections, Nos. 1, 2, 3, and 4, are offered on varieties selected from the standard list, does not apply to the varieties in this list, but those who order 50 cents worth, at the single pocket rates, may select 10 cents worth extra; and 25 cents worth extra for $1.00, etc., the same as offered on other vegetable and flower seeds, page 3.

COLLECTIONS OF VEGETABLE NOVELTIES,

Collection No. 1, seven varieties for 35 cents. For 35 cents I will send the first seven varieties on the list below, amounting to 60 cents at regular rates, one package of each; or if ordered at one time, four collections for $1.00.

Collection No. 2, fifteen varieties for 65 cents. For 65 cents I will send the seven varieties in collection No. 1 and the next eight varieties on the list below, amounting to $1.45 at regular rates; or two collections for $1.00, if ordered at one time.

Collection No. 3, twenty-five varieties for $1.00. This collection contains all the varieties in collections 1 and 2 and the next ten varieties on the list below, amounting to $2.40 at regular rates. Six of the collections will be sent postage paid, for $1.00, if ordered at one time.

I shall have these collections put up ready for mailing, and no change whatever can be made in them. I was one of the first to put up collections of flower seeds and offer them at greatly reduced rates, since which there have been many imitators, but I am determined that my collections shall always be the best ever offered for the prices. Please note that while other collections of vegetable seeds consist mainly of old varieties or untired novelties, the most of which turn out to be of little or no value, the varieties in my collections are among the very best, real improvements that should have a place in every garden.

BEET, Eclipse: This new Turnip Beet from Germany has acquired a high reputation among market gardeners in this country. It has early, hardy, and sweet, and an improvement on Egyptian.

CUCUMBER, Nichols’s Medium Green: For pickling or slicing, this is a most valuable sort. The cucumbers are of medium size, dark green, and always smooth and straight. The flesh is tender, crisp and very productive.

LETTUCE, Oak-Leaved: A very distinct and handsome variety, the leaves shaped like those of the oak. The heads are crisp and tender and largely free from the bitter taste peculiar to most dark ripe lettuce, and it is very slow to run to seed.

MUSK MELON, Montreal Market: This variety is one of the very best ever introduced. It is round in form and roughly netted, early, productive, and the largest green-fleshed melon in cultivation, growing with ordinary cultivation to a weight of 10 to 15 pounds each, and has been grown to weigh over 30 pounds. The flesh is remarkably thick and of first-rate quality.

PEPPER, Golden Dawn: A very distinct and valuable large sweet Pepper of a beautiful golden yellow color. It is the size and form of the old Bell, and very sweet, almost free from heat.

SQUASH, Cocanut: This, although not so new, is so little known and so valuable, that I add it to my list. In size it is about 4 or 5 inches in diameter, and very productive, a single vine often bearing as many as 300 fruits. I have found it to be of good form and of good quality.

CARROT, Daucus: The roots of this valuable sort are intermediate in length between Long Orange and Short Horn, but of larger size than the Orange. It is smooth and handsome and the best variety for main crop.

LETTUCE, Deacon: This is the most reliable Lettuce for heading during summer I have ever tried. Planted by the side of a dozen or more new varieties last summer, it made larger heads and remained fit for use without running to seed, longer than any other, while the quality was not equalled.

LETTUCE, Golden Spotted: A very distinct and handsome sort, the leaves being yellowish green spotted with brown; tender and good.

WATER MELON, Pride of Georgia: Of the many new varieties of Water Melons introduced during the past few years, this has pleased me most. The melons are of large size, round, and of a dark green color mottled with a lighter shade. It is very productive, rich, crisp and sugary, and equal in quality to the Peerless in quality, which is the richest of all Water Melons.

RADISH, Glory: A very handsome, quick growing sort of the form of the old Scarlet, with a deep red upper half of the root being rose color, shading to white at the tip. It is remarkably tender and keeps in good condition for eating for a long time.

TOAST 4 TO: From a great number of so-called new sorts I have selected this as the most promising of the lot. It is as early as any, of large size, always perfectly smooth and round in form, while they are so solid and heavy that they seem almost like stones in weight. They are of a peculiar pinkish red color and of unsurpassed quality.
RUSH BEAN, Green Flagoelet: This is the same variety sold by some seedsmen under the names of Green Gem and Wonder of France. It is early and wonderfully prolific, the beans of a pea-green color, which color they retain when cooked, even when they are parboiled as soon as fully grown. It is nearly as good in quality as the Lima Bean, .................................................. 10

CABBAGE, Warren's Stone Mason: This variety is the result of careful selection for many years on a garden of Marblehead. It is about as early as Brunswick, much rounder in shape, extremely heart, and splendid keep. This has sold well for shipping during its season. It is becoming very popular among the Boston market gardeners, .................................................. 10

CELERY, White Plume: This is the most valuable new Celery introduced in twenty years. It is uniform in size and form, and many are sold each year. Its stalks are tender and sweet, and it makes a splendid keeper, .................................................. 10

CARROT, Queranda, or Early Oxeheart: A very valuable new early variety, growing about 6 inches in length by 3 or 4 inches in diameter. It is of splendid quality and will produce a greater yield of the above than most varieties, .................................................. 5

CUCUMBER, Old Market: The immediate cucumber, has proved to be very desirable. It is raised to a length of 15 to 30 inches, are very smooth, with few spines, very straight and of nearly equal thickness the entire length. The vine is large, vigorous, and exceedingly prolific. Its quality is very good, .................................................. 15

LETTUCE, Green Fringed: A very ornamental and good variety. It is of a light and peculiar shade green, and all the leaves are cut and fringed, and are tender and good, .................................................. 10

PEA, Abundance: This is the best second early wrinkled Pea I have yet tried. The vines are very large, growing 3½ feet tall, and have a peculiar branching habit, and the vines should not be neared. It is a very valuable variety for early use, and is recommended for shelling peas in the early part of the year. Each pod contains from 5 to 7 large peas, which are equal in quality to any variety, .................................................. 10

WATER MELON, Mammoth Iron Clad: The largest of all Water Melons. It grows to a weight of 40 to 50 pounds each, and has been grown to weigh over 160 pounds. The rind is very hard and tough which makes it a splendid keeper and sheller. It is long in form, dark green mottled with a lighter shade. Its quality is excellent, .................................................. 10

ONION, White Gem: A splendid variety of white Onion, grown to a weight of 4 to 5 inches and a weight of 2 to 3 pounds each with good culture. It is of mild and pleasant flavor, .................................................. 10

SQUASH, Essex: This is one of the best fall and winter Squashes. The flesh is very thick, fine grained, dry and sweet. It is one of the earliest of the fall or winter sorts, .................................................. 5

LIMA BEAN, Bliss' Early: About two weeks earlier than the common Lima, which is a great advantage in the North. It bears the bulk of its crop low down near the ground and good crops can be grown in any rows, .................................................. 10

LIMA BEAN, Challenge: This is the most desired Lima of the season. It has been kept strictly pure in one family for three generations and improved by selecting the pods for seed containing the most beans. The beans are about twice as thick as the common Lima and grow closely together on the vine, and are very rich when shelled, .................................................. 10

BUSH BEAN, Champion: This is the best Bush Bean for all purposes. It is perfectly stringless and first-class for a snap bean and excellent for shelling, and one of the most productive of all bush sorts, 60 bushels to the acre having been grown, .................................................. 10

BUSH BEAN, Boston Favorite: This, as an early shell bean, is superior to all others. It is immensely productive, the beans long and kidney shaped, striped like the Horticultral, but twice the size. It is fast becoming the most popular early shell bean in Boston market, .................................................. 10

SWEDISH POTEatoes: The best variety of its kind, grown in the United States, is the Superb, which is a very tender and excellent potato. It is green in color, .................................................. 10

SWEET CORN, Mammoth: The largest of all varieties: ears have been grown to weigh over two pounds each; 16 rowed, sweet and good, .................................................. 10

POPCORN, Mammoth: A handsome and fine variety, 3 to 4 ears growing on one stalk. Remarkably large and tender when popped, .................................................. 10

POPCORN, Early Amber: A very distinct early variety of a beautiful amber red color, very tender and nice, .................................................. 10

CLE: It is called this variety of Savoy because it is the best of the Savoy varieties. The Savoy varieties have curled and crumpled leaves, and are very much better in quality than the plain-leaved sorts, .................................................. 10

MUSK MELON, Perfection: One of the very best melons I have ever grown. It is early and very prolific, growing to a weight of 4 to 6 pounds, round, dark green. The flesh is remarkably thick, and of a first-class quality, .................................................. 15

WATER MELON, Florida's Favorite: I have not tested this new sort, which is now for the first time offered, but it comes to me so highly recommended by one of the largest melon growers of the North, that I felt it to do with it, and not to make a line of small and of large size. It is said to be two weeks earlier than Pride of Georgia, and equal to it in quality, .................................................. 15

ONION, Mammoth Pompeii: The largest variety of Onion ever introduced, specimens having been grown to 10 inches in diameter, and weighing 2 to 3 pounds each. It is reddish brown in color, the flesh white, fine grained, and mild flavored. All who wish to grow large onions for exhibition should try this sort, .................................................. 10

PEA, Stratagem: The largest of all Peas. The vines are very large and stout, about 2 feet tall, and loaded with pods from 3 to 5 inches long, each pod containing 6 to 9 peas, which are nearly double that of the usual size. This variety produces a very large quantity of pods of a bright golden yellow, green on the outside, while the flesh is of a bright golden yellow, very tender and of an excellent quality full of flavor. It is becoming very popular among the Boston market gardeners, .................................................. 15

PUMPKIN, Mammoth Patiron: The true Mammoth Pumpkin, growing to a weight of 100 to 200 pounds each, .................................................. 10

NEW SQUASH, Bay State: This new Squash is a most valuable acquisition and I recommend it highly to all who like a first-class Squash. It is like the Essex in form, but is of an earlier and earlier and quicker variety, the flesh is of a bright golden yellow, very tender and of a very fine grained, dry and sweet. It has an extremely hard, flinty shell which makes it one of the best of keepers. It is the most solid, and heaviest Squash of its size I have ever seen, and very uniform in size. It grows to a weight of 15 to 20 pounds each. 1st Prize at the New England Horticultural Society, Boston. The original vine produced three squashes in a length of three feet, weighing from 8 to 12 pounds each, .................................................. 15
Before ordering, please read the following instructions.

Write all orders for articles on this and the following pages on a separate sheet of paper from seed orders or anything else. Spring is the best time to set all trees and plants in the Northern States. My stock is first-class, and packing will be done in the best manner by experienced hands, but damages by breakage can be almost entirely avoided by the use of boxes and safety to any part of the U. S., even the most distant places. Large orders can be shipped by freight. The postal regulations are such that plants cannot be sent by mail to Canada, only by express or freight. It is not possible to state prices of plants within the limits of this page, for ordinary and expensive routes, in which case it is cheaper to send by mail. If to be sent by express, mention nearest express office and name of company. If plants are ordered sent by mail, enough money must be added to the purchase to cover the cost of packing, handling, and any postage. One-third of all plants shipped from this place will be of the Blackjack variety, a choice and choice plant, and any orders for small quantities of plants are apt to be filled with those plants. We supply all varieties of plants, both large and small, at our lowest rates and express freight charges, which are now usually quite reasonable. My terms are invariably cash with order. Owing to expense of packing, no order can be filled for articles on this and the following pages for a less amount than one dollar. Those not familiar with the different varieties and who prefer to leave the selection to me, should state whether they are for home use or for market, and whether early or late varieties are wanted. Please remember that this is a time for plants. All plants are ready for the market, for a little longer to fill orders for plants and trees than seed orders. Persons who wish to plant larger quantities than are priced, of any variety, would do well to correspond for prices, stating varieties and quantity of each wanted. I can supply all varieties in large quantities at very low rates, and first-class stock.

STRAWBERRIES.

Prices for standard varieties: 25 cts. per doz., $1.00 per 100, unless otherwise priced.

New: Big Boy, vigorous, large, and good; one of the best for heavy soil: per 100, $4.50. Champion, medium size, very healthy and of high quality: one of the best: per 100, $4.50. Chas. Downing, one of the very best for home use or market; large, very productive and fine quality: per 100, $4.50. Crescendo, the most profitable of all for all market: always vigorous and healthy, it will produce a large crop, even with neglect; rather and handsome; one of the earliest and continues to ripen until very late: very productive and healthy: extra fine quality: one of the very best for home use: per 100, $4.50. Emerald, very large and productive: superior quality. Garretson, large, very vigorous and productive. James Vick, small, very acid; remarkably productive in the north, but very unproductive with me. Jersey Queen, very large, extra fine quality: needs high culture and high prices: per 100, $4.50. May King, resembles Crescendo; one of the most profitable for market: one of the best for home use or market: productive: per 100, $4.50. Parry, large, vigorous and productive: fine quality. Sharpless, remarkably vigorous and healthy: of largest size and productive, sweet, firm, and late: per 100, $4.00. Warren, very large, early, rich and excellent for home use.

New varieties: Momouth, described as an improved Crescendo, being larger, firmer, and of stronger growth, with a perfect blossom: per 100, $3.50; per 100, $25.00. Ontario, plant a strong grower and very productive: extra fine quality: per 100, $2.50; per 100, $25.00. Lida, described by introducer as being a strong, vigorous grower and extremely productive: extra fine quality: per 100, $2.50; per 100, $25.00. Mammoth, claimed to be the largest berry ever introduced: per 100, $2.50; per 100, $25.00. Belmont, one of the most promising of the new varieties: large, extra fine, crimson, exceedingly firm and of high quality; keeps firm and good a long time after picking: per 100, $2.50; per 100, $25.00. Matron, large, extremely vigorous and productive. At the last Strawberry show of the Mass. Horticultural Society, this variety received the first prize of a Silver Cup for the best 4 quarts, and the competition was a large one, the judges having tested the excellence over any other variety; per doz., $1.25; per 100, $8.00. Sunapee, claimed to be very early, good size, sweet, vigorous and productive: doz., 75 cents, 100, $9.00. Henderson, of good size, and extra fine flavor; needs high culture; doz., 50 cents, $3.00. Hoffman, extra early, large and productive: particularly valuable for the South: doz., 50 cents, 100, $8.00. Blackberry, one of the best: per 100, $2.50; per 100, $25.00. Blueberry, one of the very best of all strawberries yet known: very large, firm, vigorous and productive: per 100, $2.50. Jewel, a berry of great size, held up and of good quality; per 100, $2.50; per 100, $25.00. Carambula, one of the largest and of good quality: plant remarkably vigorous and productive. It was awarded a Silver Medal by the Mass. Horticultural Society for superiority, and is strongly recommended by all fruitarians and agriculturists of the country. Price per doz., 75 cents, per 100, $4.00.

RASPBEKERS.

Price, 50 cts. per doz., $2.00 per hundred, unless otherwise priced.

Red and Yellow varieties: Caroline, the most productive of all the red varieties; fruit medium size, of a pale salmon color, rather soft and acid, one of the very best for home use and for canning: per doz., $0.50; per 100, $5.00. Uprina Beauty, large, fine flavor, but unproductive in some places. Cuthbert, extra large and very productive: perfect for canning: fruit large, of extra fine flavor, firm and very productive: per doz., $1.50; per 100, $20.00; per 1000, $200. Sessell, early, very hardy and productive; very good quality. Golden Queen, new, firm, large, very productive, of a beautiful amber color, and of the highest quality; plant very vigorous, healthy, hardy, and exceedingly productive. This is undoubtedly one of the very best varieties of its class yet introduced. Price, 35 cts. each, $2.00 per doz.; per 100, $40.00. Centennial, large, early; sweet and delicious flavor; per doz., 75 cts., 100, $4.00. Bachelor, one of the largest and best; per doz., $2.00; per 100, $15.00; per 1000, $150.00. Colden, early; large, very productive; of good quality. Price, 35 cts. each, $2.00 per doz.; per 100, $40.00. Orange, early; large, very productive; of good quality. Price, 35 cts. each, $2.00 per doz.; per 100, $40.00. Blackberry, one of the largest and best; per doz., $2.00; per 100, $15.00; per 1000, $150.00. Hibiscus, large and of fine quality; middle-season; per doz., $1.50; per 100, $75.00. Nemaha, closely resembles the Gregg, but much harder; per doz., 75 cts.; per 100, $4.00.
BLACKBERRIES.

**Prices:** 50 cts. per doz., $2.00 per 100, unless otherwise priced.

Agawam, sweet, hardy and productive, excellent for home use. Crystal White, of good size, white, sweet, and prolific: per doz., $2.50 per 100, $3.00. Dorchester, old, popular, early sort; hardy, sweet and excellent. Early Harvest, new; the earliest sort known; very hardy and remarkably prolific; fruit medium size and good quality. Kittatinny, large, handsome, and fine flavor; late. Lawton, an old sort; large and productive; medium size, very hardy and exceedingly prolific, early, sweet. Taylor, hardy and productive; late. Wachusett Thornless, early, of large size and delicious quality; nearly free from thorns; hardy, 100, $3.00.

Eric,—In this new berry we have a concentration of all the most desirable points of excellence in a blackberry; fruit very large and of best quality; cane is a strong, vigorous grower, very hardy and prolific; mid-season. Price, 50 cts. each, $5.00 per doz.; per 100, $5.00. Lucia Dewberry, a superb fruit, large, luscious and handsome; a healthy grower, strong hardy and exceedingly prolific; per doz., $1.50; per 100, $7.50.

CURRANTS.

**Prices:** one year old, 60 cts. per doz., $4.00 per 100; two years old, 75 cts. per doz., $5.00 per 100, except as otherwise priced.

Varieties: Rechel, old, well known sort. Cherry, the largest red currant. Victoria, the latest red variety; very productive. White Grape, the largest and best white variety. Lee's Prolific, the best black. Pock-Man, new and the best of all red varieties; fruit large and less acid than Cherry; wonderfully prolific; one year old, 40 cts. each, $1.00 per doz.; two years old, 60 cts. each, $6.00 per doz.

GOOSEBERRIES.

**Varieties:** Downing, large, pale green, good quality; hardy and productive; one year, per each, $1.00; per 100, $7.00; 2 years, $1.50 per doz.; $10.00 per 100. Smith's improved, large pale yellow; good quality and exceedingly productive; prices same as Downing. Houghton, old and popular sort; small, pale red, sweet and good; one year, per doz., 60 cts. per 100, $1.00; two years, per doz., 75 cts. per 100. Indian, asurprising and very promising new sort; fruit exceedingly large, dark red, of delicious quality, two years old, 50 cts each, $3.50 per doz.

GRAPEFRUITS.

**Prices for Standard sorts:** one year old vine, 15 cts each; $1.00 per doz.; two years old, 20 cts each, $1.50 per doz. unless otherwise priced.

**Standard Varieties:**

Concord, the old reliable; succeeds everywhere. Hartford, one of the earliest, hardy and prolific; black; fair quality. Martha, old and popular white sort; very hardy and prolific; sweet but foxy. Catawba, red, of highest quality; too late for the North; two year old vine, 25 cts. each. Agawam, large red, vigorous grower; peculiar aromatic flavor; mid-season; one year, 20 cts. each, $1.50 per doz.; two years, 25 cts. each, $2.00 per doz.; three years, 30 cts. each, $2.50 per doz.; mid-season; prices same as Agawam. Salem, very large, red; sweet and rich; keeps a long time; ripens with Concord; prices same as Agawam. Telegraph, early, black, large and sweet; vigorous and productive; prices same as Agawam. Wilder, large, black of very rich superior quality; vine vigorous; mid-season. Prices same as Agawam. Duchesse, a splendid white grape of the best quality; vine vigorous and hardy; one year old, 30 cts. each, $1.50 per doz.; two years old, 30 cts. each, $2.50 per doz. Bright one of the very best of red grapes; fruit large and of first quality; early; vine vigorous and productive; one-year 20 cts. each, $1.50 per doz.; two years 30 cts. each, $3.00 per doz. Delaware, a popular early sort; should be in every garden; bunch and berry very small, of the highest flavor; vine vigorous but slender; very productive; one-year old, 25 cts. each, $1.00 per doz.; two years old, 30 cts. each, $1.50 per doz. Early Victor, early black, rich, fine quality; vigorous, very hardy and productive; large fruit. Price is for white grape for home use; very hardy and productive; fruit sweet and good; prices same as Delaware. Warden (true), an early black variety; the merits of which have been strangely overlooked till lately; both buch and berry very large, larger than Concord, and a week or ten days earlier than characteristic variety; fruit very large, rich, healthy, and very productive; quality better than Concord. This is, in my opinion, one of the very best black grapes. Pocket-linckton, a very large and handsome white grape; fair quality, but not late for the North; one-year old, 30 cts. each, $2.50 per doz.; two years old, 30 cts. each, $3.50 per doz., 100, $2.00 per 100. Wyoming Red, early, very hardy and exceedingly productive; sweet and good; prices same as Pock-linckton. Light and early, one of the very best red grapes for home market but quality poor for home use; one year, 35 cts. each, $3.00 per doz.; two years, 40 cts. each, $5.00 per doz.; per 100, $7.50.

NEW VARIETIES: Hayes, early, white, hardy; very promising; one year old, 50 cts. each, $3.50 per doz.; two years, 60 cts. each, $10.00 per doz. Empire State, the most promising white grape yet introduced. The vine is a remarkably strong grower, very hardy (has endured 32 deg. below zero,) and an early and heavy bear. The bunches are very large, long; berry white, with a tinge of yellow, medium to large; tendril of the berry red, rich, spicy and pleasant flavored; ripens very early and keeps a long time after ripe. It is a seedling of Hartford, crossed with Clinton gris, and was raised and named by my friend, James H. Hickey, who sold the original vine to the introducer for $4,000. Price, 1-year old, $1.00 each, $10.00 per doz.; 2-years, 25 cts. each, $15.00 per doz. Sauk Valley, an undoubtedly one of the finest and most profitable of white grapes; bunch very large and of good quality; vine very vigorous, hardy, and extremely productive; ripens with Concord; one year, 50 cts. each, $3.00 per doz.; two years, 75 cts. each, $7.00 per doz.

PEACHES.

**Prices:** Standard varieties, first-class, 4 to 5 feet tall, 15 cts. each, $1.50 per doz.; extra size, 5 to 6 feet, 20 cts. each, $2.00 per doz. Standard varieties, Second Early; Alexander, Amsden, Early Rivers, Hale's Early; Large Early York, Mountauk Rose, Coolidge's Favorite, Crawford's Early, Foster, Crawford's Late, Seedless. Crawford's Rare, Old Mixon, Stump, Thurber. Late; Brandywine, Crawford's Late, Hill's Child, Jacob's Rare, Keypor White, Late Rare, Reese's Favorite, Ward's Late. Very Late; Smock, Blyeu's October, Steadley.

**New Varieties:** Globe, golden yellow, of largest size, from 3 to 4 inches in diameter, and of first quality; tree a strong, vigorous grower and excellent bearer; ripens after Crawford's Late. Price, 1st-class, 50 cts. each, $6.00 per doz.; 2nd-class, 40 cts. each, $5.00 per doz. Black Globe, the latest white freestone peach; fruit large and handsome; first-class, 30 cts. each, $3.00 per doz. Chair's Choice, very large, late and reliable; prices same as Crawford's Late, 50 cts. each, $2.50 per doz. Lady Ingold, a large, early yellow-fleshed, highly colored peach, resembling Crawford, but of better quality; first-class 25 cts. each, $1.25 per dozen. Birch and Berry, Early Crawford, upon which it is an improvement, larger and handsomer; prices same as Lady Ingold. Blanche, a late and reliable yellow peach, ripening after Early Crawford; good quality; prices same as last variety.
APPLES.

Prices: Standard varieties, first-class, 34¢ to 7¢ per 25, 50, 75, 100, 250, 500, or 1,000 each, $2.50 per doz.; two-years, 4¢ to 6¢ per 25, 50, 75, 100, 250, 500, or 1,000 each, $2.50 per doz.

New Varieties: Delaware Winter, one of the most valuable of long-keeping apples, especially for the South; fruit large, round, bright red, flesh juicy, excellent, sub-acid; tree a vigorous grower and an early abundant bearer, $1.50 each, $15.00 per doz. doy, of extra fine quality; and great beauty; fruit large, red and yellow with a sprightly and hardy and productive; one-year old, $1.50 each. Jacob's Sweet, a large and showy variety; keeps till June; fruit yellow; shaded carmine; crisp and of best quality; very productive; one-year old, 15¢ each, $2.50 per doz. Salome, a very hardy, valuable, prolific and long-keeping variety; fruit yellow striped red, juicy, mild sub-acid; one-year old, 20¢ each, $5.00 per doz. Red, Beetighamer, one of the largest, handsomest and best of all autumn apples; fruit cream-colored, shaded sub-acid with a bit of yellow subacid; a most pleasant flavor: 1st class, 40¢ each, $4.00 per doz. one-year, 25¢ each, $2.50 per doz. Yellow Transparent, the earliest of all apples, ten days earlier than the harvest; juicy, melting each and of excellent quality; tree very hardy and an early, abundant bearer; prices same as the last.

Varities: 50 each, $3.00 per doz.

Hyslop, Lady Elgin, Red Siberian, Transcendant, Yellow Siberian.

PEARs.

Prices: Standard trees, 1st class 5 to 6 feet; 50 cts each, $2.00 per doz.; 2nd class, 3 to 5 feet, 50 cts each, $1.00 per doz.


New Variety: Lawson or Comet. This is the handsomest and largest early pear yet produced; the fruit is of most beautiful crimson on a bright yellow ground, and the flesh, though not of high quality, is crisp juicy and pleasant. Ripens in Central New York from middle to late of July. The tree is a good grower, a prolific annual cropper and begins bearing young. Price: Standard trees, one-year, 1 to 2 feet, 50 cts each, $2.00 per doz., 3 to 4 feet, 75 cts each, $3.00 per doz.; two-years 3½ to 5 feet, $1.00 each, $10.00 per doz. Dwarf, one-year, 5 feet, each, $1.00 each, 1st class 75¢ each, $7.50 per doz.

PLUMS.

Prices: Standard varieties, first-class, 5 to 7 feet, 40 cts each, $1.00 per doz.; Standard varieties, second-class, medium size, 4 to 6 feet, 35 cts each, $2.50 per doz.


New Variety. Spaulding. The only real curricle-proof plum yet introduced. The curricle attacks this variety as other, but for some unexplained reason the eggs deposited in the plum always fail to hatch and produce the grubs that cause other sorts to fall before their ripen. The fruit ripens early, is of medium size, yellowish green, marbled, with a white bloom; flesh pale yellow, very firm, sweet and rich, parting readily from the stone. It is one of the very best plums for canning. The tree is very vigorous and healthy and bears enormous crops every year. Price, first-class, 5 to 7 feet, $4.00 each, $30.00 per doz.

CHERRIES.

Prices: first-class, 35 cts. each, $3.50 per doz.; 1-year, 35 cts. each, $2.50 per doz.


QUinces.

Prices: Standard varieties, 30 cts. each, $3.00 per doz. Varieties: Breda Early Golden, Moopark, Peach, Roman, Royal, Russian Apricots: This valuable class is very hardy, having endured with safety a cold of 40 deg. or below zero, and is exempt from diseases and ravages of insects. The tree begins to bear very young, and is highly ornamental as well as useful, with dark green foliage and beautiful blossoms. The fruit, which ripens in July, is not large, but golden yellow, handsome, sweet, and of best quality, selling at high prices in market. Price, 30 cents, each, $2.00 per doz.

Marbley: Downing's Everbearing, 50 cts. each, $5.00 per doz. Russian, 15, 20, 30 and 40 cts. each, $1.00, $2.50, $3.00 and $4.00 per doz., according to size.

Figs: Large Purple, Pacific White, 75 cts. each, $7.50 per doz.; White Smyrna, 50 cts. each, $5.00 per doz.

Japanese Persimmons, 50 cts. each, $5.00 per doz.

NUts, Etc.

Almonds: Hardshell, Softshell, 25 cts. each, $2.50 per doz.

English Filberts, 25 cts. each, $2.50 per doz.

Cheesnut, Spanish: 35 cts. each, $3.50 per doz.

Cheesnut, American: 30 cts. each, $3.00 per doz.

Cheesnut, New Japan Giant: 75 cts. and $1.00 each, $2.50 and $10.00 per doz.

Shelburne Hickory, 30 cts. each, $3.50 per doz.

Pecan Nuts, 30 cts. each, $3.00 per doz.

Valin Walnut, 35 cts. each, $3.50 per doz.

Butternut, 25 and 40 cts. each, $3.50 and $4.00 per doz.

Rhubarb Plants: Linnius, 10 cts. each, $1.00 per doz., $2.00 per hundred.

Asparagus: Conover's Colossal, one-year, $1.00 per hundred; two-years $1.50 per hundred.

Eggs: Holt's Mammoth, 35 cts. each, $3.50 per doz.

Hop roots: Golden Cluster, 15 cts. each, $1.50 per 100.

Horse Radish sets, 25 cts. per doz., $1.00 per 100.
Twentieths of my customers who engaged in the "Pansy Contest" proposed in my last Catalog, are, with no doubt, awaiting with much interest the announcement of the result. The offer of several prizes for the largest pressed blooms of Diamond Pansies, created a great deal of interest among my patrons, and before the time fixed for awarding the prizes, the blooms began to arrive by scores and soon by hundreds, until several thousand had been sent in. To carefully examine and measure these was a great, but thankless task. Then, when fresh, evidently of every color and pattern ever seen in a Pansy. It might be supposed that the largest blooms would come from the rich soils of the West, especially from California, whence come so many big stories about big things, but such was not the case, for the largest part of the finest blooms were grown in the East, which shows that good culture is of more importance than mere locality. The following are the names of the successful contestants:

First prize $5.00, to Mrs. M. Andrews, Owen Sound, Canada, for a two bloom two- and sixteen-inches in diameter. Second prize $1.00, to Mrs. Wm. Dixon, Holden, Me., for a two bloom two- and nine-sixteenths inches in diameter. Third prize to Mrs. Cyrus Barber, East Steamburg, N. Y., for a two bloom two- and one-half inches in diameter. Fourth prize to Sarah M. Vose, Hyde Park, Mass., for a bloom two- and seven-sixteenths inches in diameter. The following twelve persons sent extra fine and perfect blooms two and a quarter inches in diameter or over, and each received a dollar book; size of blooms in the order names are mentioned: Mrs. J. W. Shaw, Cumberland Centre, Me.; Mrs. C. F. Bucroft, Concord, N. H.; Mrs. G. B. Fuller, Watertown, N. Y.; Mrs. C. B. Carter, Greenwich, N. Y.; Mrs. C. H. Morrison, Bangor, Me.; Maria L. Hamilton, Heath, Franklin Co., Mass.; Josephine Smith, Napoleon, Ohio; Mrs. James A. Field, West Falmouth, Me.; Mrs. Mary A. Shankster, Pulaski, Ohio; James A. Bazin, Moutreal, Canada; Miss Maria Cooper, Tomas, Marlin Co., Cal. So many others sent in such bloom, that I do not know how many I had in mind before I wrote. Many wrote that even though they did not get a prize, they felt amply repaid for trying in the pleasure the Pansies had given and though the knowledge gained of just how to grow nice Pansies.

**ANOTHER PANSY CONTEST**

Many of the competitors complained of the very hot, dry weather that prevailed in so many places and the unfavorable conditions, and others wrote of blooms growing nice that are equal to that which I received from twenty-five cash and book presents to those who grow the largest blooms of Diamond Pansies this year, as follows: One cash present of $10.00 for the largest and most perfect pressed bloom of Diamond Pansy. One cash present of $5.00 for the second largest and most perfect pressed bloom. One cash present of $2.00 for the fourth largest and most perfect pressed bloom. And to each of those who send the next twenty-one largest blooms I will make a present of a beautiful dollar book entitled, "Every Woman her Own Flower Gardener." Rules and Conditions:—Competition is open to all, except to those who received prizes last year, so that others may have a chance of obtaining a prize. As the largest blooms of Pansies are produced in the spring on plants from seeds sowings previous years, I shall also forward to those who grow blooms on such plants to use them in competition with those who sow seeds this year; and all blooms intended for competition must be grown on plants raised from seeds this year, and those intending to compete for the prizes, must so state when they order seeds. The presents will be awarded for the largest pressed blooms of the most perfect form, the color not being taken into account. If the blooms are carefully pressed they will retain their natural form and shrub but a trifle in size. The easiest way to press them is to cut off the stems close up to the flowers and put them in a large bowl in such a way that they will press out smooth and flat; then put a heavy weight on the book, or wedge it tightly with other books between two shelves, where they can remain till dry. The pressed blooms can be sent in an ordinary letter at any time before Nov. 10, next, and will reach me safely, but must be sent in time to reach me in time to reach me at that date and this is very important. The presents will be awarded and forwarded to the successful competitors as soon after Nov. 10th as possible; and if permission is given, their names will be published in my next Catalog, together with the sizes of the blooms. By sowing the best seed and by giving the plants proper care, one person will have a chance to present to all who will give their Pansies the best of care and compete for the prizes, for the greater the competition the more interesting it will be; and I am sure that even those who do not succeed in obtaining a present will feel well paid by the pleasure the culture of these superb Pansies will give.

**COLLECTION OF BERRY PLANTS:**

For $3.50 I will send by express one dozen each of the 8 varieties of berries named below and two plants of Fay's Prolific Current,—98 plants in all,—good plants and nicely packed so as to go safely to any part of the U. S. Will send the same collection by mail, postage paid, for $4.00.—Strawberry, Parry; Strawberry, Old Iron Chaf; Blackberry, Early Harvet; Raspberry, Cuthbert; Raspberry, Sou- hagan; Raspberry, Oregon; Raspberry, Stowe; Striga; Raspberry, Tyler's Pussycat. At regular rates, the same plants would cost $1.25 by express or $5.00 by mail, and it is only possible to sell this splendid collection at the low price offered, by digging and packing them in large quantities, hence it must be taken exactly as offered without change; any change subjecting all to regular rates.

**GOOD BOOKS ON GARDENING:**

**WINDBAG GARDENING**, by H. T. Williams. Gives plain directions for the care of all kinds of house plants; about soil, watering, propagating, etc.; 300 pages, 250 illustrations, cloth bound, $1.50 postpaid. Given as a premium to those who send club orders for seeds (see page 3).

**EVERY WOMAN HER OWN FLOWER GARDENER**. Door gardening is full of beauty and delight; it takes little time, is easily managed, and costs nothing. Twenty-one pages of this book give directions for those who send the largest pressed blooms of Diamond Pansies (see above).

I can supply any book published on gardening and kindred topics, postage paid, at the usual prices, among which are the following valuable works: Henderson's Gardening for profit, $1.50. Gardening for Pleasure, $1.50. Roe's Play and Profit in my Garden, $1.50. Treat's Injurious insects of the Farm and Garden, $2.00. Jones's Injurious Insects, $2.50. Todd's Stage Garden, $2.00. Fuller's Vegetable Gardening, $3.00. Fuller's Fruit Culture, $1.50. Fuller's Flower Culture, $1.50. Fuller's Vegetable Culture, $1.50. Elwanger's The Rose, $1.25. Long's Ornamental Gardening, $2.00. Long's Home Florist, $1.50. Canary Birds, 30 cents. Harris' Gardening for young and Old, $1.25.
KNOW ABOUT GARDENING.

I am often asked questions by customers about the care of plants, etc., which I am sometimes unable to answer, as I would gladly do so, simply for want of time. Everybody who has a garden, even a small one, or a few house plants, should subscribe to a good, live journal on gardening. Such a one, and one I can thoroughly recommend, is POPULAR GARDENING. The paper treats, on the one hand, of flowers, Pot-plants, Lawns and the Beautiful of Gardening; on the other, taking up Fruit and Vegetables, and the Marketing business in all branches of trade, and of the half and half, and of the wants of the people, being plain, practical and to the point: no waste of words; engravings and printing the best. A yearly volume embraces over 1,000 main subjects and 150 curios, through which the choice matter on gardening as a six-monthly book that would cost $9.00. It is very ably managed and cheap its price being ONLY ONE DOLLAR A YEAR. Subscriptions can begin with any month and may be sent to me at any time. It is instantly payable for all who wish to have the best success in the cultivation of plants and keep up with the latest methods and improvements in gardening. In order that my patrons may see just what a nice and valuable paper it is, I have made special arrangements with the publishers to send a specimen free to each applicant. Send a postal card directed to

THE POPULAR GARDENING PUBLISHING COMPANY,
BUFFALO, N. Y.,

With your name and address, and say you saw this notice in my Catalog, and they will send you a specimen copy free.

YEARLY SUBSCRIPTIONS may be sent at any time to L. W. GOODELL, DOWTIGHT, MASS.

ACRES OF FLOWERS.

A Famous Seed Farm in Amherst—A Charming Drive Across the Northampton Meadows and Through Old Hadley.

(Northampton, September, 1886.—Have you seen to Goodell's flower garden just beyond Amherst? was the question asked us a few days ago. We were obliged to confess our ignorance, to the great surprise of our questioner. From the Market street to that fair village under the shoulder of the Pelham hills is as familiar to our business men as to the STREAM, where we frequent in the far off which separates them from their cousins over the way. But we have been content to stand upon the charming uplands without venturing farther on into less familiar scenes. Tempted by the beauty of one of these crisp mornings, we set out on an exploring drive, and are sure to find the brown leaves and the mothers of those long since passed away. We drive by a group of plateau glistening with beauty, and filled with aromatic odors. A surprise indeed. Here are acres covered with blossoming flowers of which there are one, in the early days of our boyhood, to the days of our grandfathers and the homes of those long since passed away. We drive by a group of plateau glistening with beauty, and filled with aromatic odors. A surprise indeed.

A drive of a few miles through the valley, a picnic under the pines on a sandy knoll, and there's no wind to us, by the south wind, the fragrance of flowers and we seem to be drawing near the fair wind. We drive by a group of plateau glistening with beauty, and filled with aromatic odors.

The drive was a novel experience, and we were interested in the fragrant flowers and the brown leaves and the mothers of those long since passed away. We drive by a group of plateau glistening with beauty, and filled with aromatic odors. A surprise indeed.

But to pass out of our dreamland musings. Here is a flower farm which is famed throughout our own land and is known beyond the sea, and we nine miles away had never dreamed of such a place till now.

We have seen the printed catalog of L. W. GOODELL, DOWTIGHT, near Amherst, with such a place as this. A modest young man, developing new varieties of flowers, his garden in cold New England, the lotus of the Nile, the blue African lily of Zanzibar, the balsam of Malacca, the pansies of Amsterdam, and the marigold, the benefactor. Tens of thousands of homes are enriched by his enterprise, starting here on a hill-side country farm, he has his fragrant flowers and the brown leaves and since the days of King George, with simply a love for the beautiful as it found expression in flowers, with no thought of making a life business out of these frail, delicate plants, he has built up a trade in flower seeds only in the United States. Think of 10,000 pansy plants, 50,000 asters, 30,000 phlox, and 20,000 pinks looking up at you as you dreamily wander over their fair fields. Then the hundreds of other kinds of flowering plant and shrub and vine, with their bewildering shades of color, from the dainty little violas to the tall and fragrant lilies of their sisters dressed in every shade of color. If you are one instant taken back to the old gambrel-roofed house of your mother, or grandmother, to the whirl of the spinning wheel as hollyhock and marigold and snap dragon and nasturtia nod their heads at you, in the next you are transported to the Grand Union and see passing before you a procession of dazzling brilliant maidens clad in all the colors of the rainbow, as cumbine and zinnias and cockscomb and the gladiolus bow their heads as you pass through their ranks.

A. M. B.

WORTHLESS VEGETABLE NOVELTIES.

Among the many novelties I have tested and found of little value, I mention the following. I do not find any merit in them, save that of being new, and will not impose on my customers by offering them for sale as trash. Crystal White Wax Bean, Ivory Pod Wax, Sweet Potato Pumpkin, King Humbert or Wonder of Italy Tomato. Two new hybrid of tomato which is the same, and too rough and uneven, Hardy Ridge or Prescott Musk Melon, Banana Musk Melon. The following new varieties are too poor quality and quality to be worth cultivating; one squash of Hubbard, Marblehead. Essex or Bay State is worth more for table use than a whole cartload of any of these: Red China, Olive, White Pineapple, Brazil Sugar, Perfect Gem, Valparaiso, Button.

Should you receive more than one copy of this Catalog, I shall be greatly obliged if you kindly hand it to some friend who would be likely to order seeds. As printers' ink is expensive, I should like to place every copy where it will be likely to bring at least a small order.
I have received thousands of letters, containing entirely unsolicited expressions of the satisfaction and success of customers. I take the liberty of publishing extracts from a few lately received, to show those who have not dealt with me that there are others who have, and are satisfied with the results obtained. For the sake of brevity, I have not appended the names and addresses of the writers of the letters, and it is very gratifying to know that they have such unexceptional success and are so highly pleased with the seeds I furnish. I return my sincere thanks for the many kind sentiments and for the efforts many of my friends have made to induce me to continue the business. I shall try to fulfill the expectations that are held up, and to supply to the best of my ability the wants of the thousands of my friends and the large orders of seeds and liberal offerings to merit a continuance of orders. Occasionally a failure occurs, and I am asked to replace seed which has failed to grow, and when such a failure is caused by any possible mistake of mine, I am ready to restore fourfold. I furnish all my seeds perfectly pure, and of a size, and have succeeded admirably, and the one hundred one fails with seed that is all put up from one lot, it is impossible that the fault can be with the seed. All experienced gardeners well know that, no matter how good the seed, failure will sometimes occur from unfavorable weather and other causes entirely beyond my control.

From James Beach, 2222 Paschall St., West Philadelphia, Pa.—I purchased your 30ct. collection of seeds last year, and as frequently purchased your collection of Perennials this year. I will again use your seeds and give them in the ground in a careless way not supposing they would amount to anything; but imagine my surprise, in a few weeks, I saw the bed filled to its utmost capacity with grand and beautiful flowers. I have recommended your seeds highly to all and the planter has sent you letters this last year.

From Mrs. Geo. E. Berry, Burlington, Vt.—I want to tell you of the success I had last year with your seeds. The Petunias and Pansies were the finest in Burlington. I took the special first premium on Petunias at the State Fair, and 2nd premium, the great florist of New York, who saw some I had on exhibit, Anced them the finest he ever saw.

From Mrs. Mary S. Cole, Laconia, N. H.—The seeds that I had last year were very good and we had a nice show of flowers; 65 Assters plants from 70 seeds, 100 Calceolarias from one paper, and other things I cannot recollect.

From Mrs. W. H. Felker, West Corinth, Me.—The Pansies have been the surprise and delight of myself and friends all summer, and as they are the largest I ever saw from seeds of this kind, I wish to express my thanks for the best of seeds, and will the next fall order enough of the Petunias to grow, and make the pleasure I have taken this summer with the flowers from those seeds.

From John Gill, Mahanoy City, Pa.—I tried your 30ct. collection last year and everything give me great satisfaction. I have tried these seeds in the best of gardens and have spent a lot of money with them, but I have had splendid and liberal offerings to merit a continuance of orders. Occasionally a failure occurs, and I am asked to replace seed which has failed to grow, and when such a failure is caused by any possible mistake of mine, I am ready to restore fourfold. I furnish all my seeds perfectly pure, and of a size, and have succeeded admirably, and the one hundred one fails with seed that is all put up from one lot, it is impossible that the fault can be with the seed. All experienced gardeners well know that, no matter how good the seed, failure will sometimes occur from unfavorable weather and other causes entirely beyond my control.

From Mrs. C. H. Morrigan, Barre, Me. Perhaps you would be pleased to know that I took premiums at the N. E. Fair this fall on Stocks, Verbena, and Verbena. I cannot say I have had small plants, but if I do not get a prize I have been amply rewarded for buying the seeds, for my Pansies have been very beautiful.

From Mrs. J. G. LePold, Hunter, N. Y.—I cannot refrain from speaking of my success with your flowers seeds which were tried on the 2nd and 3rd of August in my yard, and the bed which I have had for two years about them, and the cry has been: "Where do you get your seeds, I'm going to send to that place next year."

Mrs. Petunias were far beyond anything in this vicinity. The Assters were perfect and Nicotians a source of constant delight; and there were more than fifty varieties of Pinks. I have found it impossible to do as well with seeds from other sources.

From Ada M. Miller, Springs, N. Y.—My bed of Little Gem Alyssums is greatly admired by all who have seen it; it is loaded with blossoms and looks like a snowbank. I have planted two-thirds of the packet of 90 seeds and am well satisfied with the results.

From Mrs. Cyrus Barker, East Steamburg, N. Y.—The Pansies were a marvel to all who saw them, for their large dimensions and exquisite coloring. The question was often asked me, "Where do you get your seeds?"

From F. P. F. Evers, Tunkhannock, Pa.—Just to think about 25 cents for the handsomest Petunias I ever saw. We had a row 3 rods long and they have attracted attention for two months. I sold hundreds of Verbena plants and nothing but praise from all sources.

From Mrs. James M. Vincent, East Shelby, N. Y.—I don't know as there is any need of my writing anything about the success and beauty of your seeds, as my orders are proof that I have been well satisfied. I had a Snowball Cauliflower heads that weighed 95 pounds each, that beat anything around here in that line.

From Mrs. J. J. Miller, Parma, Mich.—My flowers from your seeds have been as fine as could be. I grew over 37 plants in all, with different varieties of flowers, heads, etc., and of the very best flowers we ever saw, especially the Pinks and Assters, which were greatly admired by all our friends from far and near.

From Mrs. Wilmer, Walker, W. Va., N. Y.—Many people visited my flower garden and said my Pansies and Verbena were the best they ever saw. I took first premium on Pansies at our county fair, first on Assters and first on Verbena.

From Mrs. James M. Vincent, Reading, Pa.—I purchased a lot of your seeds, and now wish to give you some of the most beautiful flowers we ever saw, especially the Pinks and Assters, which were greatly admired by all our friends from far and near.

From Mrs. J. J. Miller, Parma, Mich.—My flowers from your seeds have been as fine as could be. I grew over 37 plants in all, with different varieties of flowers, heads, etc., and of the very best flowers we ever saw, especially the Pinks and Assters, which were greatly admired by all our friends from far and near.

From Mrs. George S. Randall, East Marshfield, Mass.—I cannot find words to express the beauty of the Cluerias. They were over two feet tall and such a mass of bloom; the seeds must have been very choice, the flowers were so large and such a variety of rich colors, only two plants alike. They were just grand, and I have never seen any equal to them.

From Mrs. Dill E. Holms, Mattawan, Mich.—The Primroses, from seed purchased from you, were very showy; the rooms were so filled that we have not had nearly every one sprung to life. The flowers on them have been a constant joy to me the past Winter and are now in profuse bloom.

From Mrs. Wm. D. Dixon, Holden, Me.—The Pansies were the largest ever seen here and there was quite a time over them as to who got the one good Petunia. Just as my last premium of seed has come, I referred him to you. I am going to try and have them still larger another year, if possible.

From A. A. Barnard, Whitmoreville, N. Y.—I sent you an order last year for nineteen 30ct. collections and Miss E. E. B. Peabody complaint from them. My flowers were a wonder to all who saw them. I had three papers of Assters and no one in this vicinity ever saw such a show (and it is a great place for flowers too), they were so double and such a show. Although I did not get a prize I felt amply repaid for my trouble and expense on the business.

From Mrs. H. L. Surrutine, Dimondale, Mich.—From the paper of Diamond Pansies I grew thirty-three distinct varieties of the most beautiful Pansies I ever saw. All the seed you sent me grew, I have the handsomest Petunias, Asters, Godetia, Phlox, Balsams, Portulaca, and in fact every one of the plants produced the most beautiful flower and my garden has been the admiration of the whole village all summer.

From Mrs. S. M. Hamilton, Windsor, Nova Scotia.—The seeds you sent last year gave universal satisfaction, and the Pansies turned out to be lovely. My Verbena were the finest I ever saw, With the Chinese Primroses I had the greatest success, and have now a window full of beautiful blooms, which are the admiration of all who see them.