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1888 GOODELL'S CATALOG 1888.



NEW, RARE **FLOWER** AND CHOICE.

FRUIT  
TREES

**SEEDS**

VINES  
BULBS

L. W. GOODELL,

**GARDEN**

DWIGHT, MASS.

Gazette Printing Co., Northampton, Mass.

# To Friends and Customers.

ON the return of another New Year, I have the pleasure of presenting to customers and friends my CATALOG OF CHOICE SEEDS, BULBS AND FRUIT TREES FOR 1888. Although not as large and elaborate as some, still, I think it is quite neat, and if printed in larger type and "spread out" as some catalogs are, the same matter would easily cover twice or three times the space. But I think few will imagine that seeds selected from an elaborate and pretentious catalog are of any better quality on that account. The past season has been a very prosperous one with me, resulting in a large increase in trade, which now extends not only to all parts of America, but orders are often received from Europe, Africa, the East Indies, Japan, China, Australia, and other distant foreign lands. My large trade is the result of fair and liberal dealing and the determination, which I have always strictly adhered to, not to send out any but first-class seeds. 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 time permitted; but an acknowledgement in this general way, through the medium of my Catalog must suffice. I am always glad to hear of the success of my patrons, and feel encouraged to make every effort to keep up the high reputation my seeds have already won and improve them in every way where improvement is possible.

Sometimes I receive letters complaining of failure to a greater or less extent, and as a rule those who have the worst failure almost always blame the seeds and have the most confidence in their own abilities; old gardeners and those who have had much experience in sowing seeds well know that no matter how good and fresh the seeds may be, failure will sometimes occur from causes entirely beyond human control; and unfortunately, there are some people so careless that they never take proper care of anything, and never succeed with seeds or anything else. I hope I have but a few of this class 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.

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 most popular flowers can be produced here of much better quality than the European seeds, provided the necessary skill and care is used in growing them. The amount of 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 past twelve years, selling them first to city dealers at wholesale, and am now one of the largest growers in America. I have succeeded in greatly improving many of our most popular varieties, and among those that 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 has shown 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 20 to 50 per cent. lower than those of city dealers. The figures on the right of the columns give the prices of each variety per packet in cents. My packets are large, each packet 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.**—Money may be sent at my risk, if sent according to these directions: 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 five or ten cents, and may be selected in seeds from the catalog. Have all Money Orders made payable at AMHERST, MASS. Sums less than one dollar may be enclosed in a letter and sent at my risk. Always remit sums of less than a dollar by Postal Note if possible, but if these cannot be obtained at your office, then use good, new 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 anything but sums of less than a dollar in stamps unless extra stamps are sent at the rate of 8 cents on each dollar's worth.* A sufficient amount to pay for all seeds ordered should be enclosed as it is my invariable rule to send seeds only 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 acceptable. 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.

**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, please do not think 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 stolen. After waiting a reasonable length of time, if the seeds ordered do not arrive, then write again, ALWAYS REPEATING THE ORDER, so that, in case we did not receive the first order, we can fill it without further delay.

**In making up your order** be sure that NAME, POST-OFFICE, COUNTY, and STATE, are plainly written on every order. Every day during the busy season I receive letters with one and sometimes all of these important items wanting; and then all I can do is to wait until I receive scolding letters and am perhaps called hard names, when the fault is entirely with the customer.

**Early Orders:** The seed trade of a whole year is crowded into a few months, which makes 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 customers will be sure of getting just what is 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, Phlox, Verbenas and hundreds of other varieties are, when in full bloom, a grand sight, worth going 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. GODELL, DWIGHT, MASS.

# → Goodell's Bonanza Collection ←

OF CHOICE FLOWER SEEDS.

## 32 PACKETS FOR ONLY 65 CENTS.

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, containing more than a million papers of seeds, and have received 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 cheap collections. The past season I grew the varieties named below in large quantities especially for these collections. All are of the choicest quality in every respect. The collection of thirty-two packets named below will be sent to all who order it, for ONLY SIXTY-FIVE CENTS. Each packet contains from 50 to 500 seeds, nearly all of them 100 or more. This is most truly a REAL BONANZA in flower seeds. Such a large number of new and choice varieties was never before offered for such a small sum. They could not be selected from any catalog in the world for less than \$2.50. I am sometimes asked to make changes in the varieties, and while I am willing to accommodate customers in every way possible, yet in this I cannot do so, as I shall have them put up ready for mailing before 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. All of these varieties flower the first year.

**Aster, Mignon**, the finest of all white asters.  
**Silene, New Double Dwarf**, a dwarf compact plant, with beautiful double pink flowers.  
**Marigold, El Dorado**, the finest strain of large double Marigolds yet produced.  
**Mignonette, Golden Queen**, of a distinct yellow tint.  
**Verbena, choice mixed**, of every shade.  
**Gypsophila**, indispensable for bouquets.  
**Phlox D. grandiflora**, a great improvement on the old varieties; 16 colors mixed.  
**Gaillardia Lorenziana**, one of the best annuals introduced for many years.  
**Antirrhinum majus (Snapdragon)**, mixed, of every shade.  
**Ice Plant**, very singular, icy foliage.  
**Godetias, New Varieties Mixed**, very showy plants, resembling Chinese Azaleas.  
**Poppies, Improved Double**, a great variety, mixed.  
**Aster, Rose-flowered**, one of the finest Asters; 15 colors mixed.  
**Helichrysum**, the best of the Everlasting flowers; 10 colors mixed.  
**Salpiglossis, (Velvet Flower)**, very handsome, rich, velvety flowers; 8 colors mixed.  
**Petunia, choice mixed**, about one-half of the Emperor strain.  
**Nicotiana affinis**, large, very fragrant white flowers.  
**Schizanthus, (Butterfly Flower)**, bears a profu-

sion of small flowers resembling butterflies; 10 colors mixed.  
**Pansy, choice mixed**, one-half of the Diamond Strain.  
**Annual Larkspur**, finest double sorts mixed.  
**Pinks, China and Japan**, all varieties in splendid mixture.  
**Double Daisy**, choicest mixed colors.  
**Virginian Stock**, bears a profusion of small flowers; mixed colors.  
**Aster, Imbrique Pompon**, 18 colors mixed. (My Pompon Asters are unequalled, and always take the First Prize when exhibited at the shows of the Mass. Horticultural Society.)  
**Eschscholtzia, (California Poppy)**, mixed colors.  
**Calliopsis**, mixed colors of every shade.  
**Candytuft, New Mammoth White**, the largest and best variety of White Candytuft.  
**Asperula, azurea setosa**, indispensable for bouquets.  
**Double Zinnia, New Dwarf**, of most brilliant colors and one of the finest classes of Zinnias; mixed colors.  
**Double Portulaca**, first quality, mixed colors.  
**Mignonette, New Giant White Spiral**, grows three feet tall with long spikes of fragrant white flowers.  
**Annual Chrysanthemum, segetum grandiflorum**, bears a profusion of large, golden yellow Daisy-like flowers all summer; new.

## LIBERAL PREMIUMS FOR CLUBS.

Many are so highly pleased with my seeds that they commend to others and raise clubs among their neighbors, and I will reward liberally all who thus assist in extending my trade. For a club of five subscribers to the Bonanza collection, remitting \$3.25 at one time, I will send the following TWELVE CHOICE NEW VARIETIES, WORTH \$1.50, FREE to the raiser of the club. (See list of "Varieties of Recent Introduction" for descriptions.)

**Mammoth Double Zinnia; Dwarf Queen Aster; Dwarf Sweet Alyssum, Little Gem; Single Dahlias**, choicest mixed colors; **Japan Pink, Mourning Cloak; Improved Sweet Williams; Rose Aster, Dark Scarlet; Chrysanthemum tricolor, Eclipse; Marigold, Golden Ring; Phlox D. grandiflora stellata splendens; Mimulus grandiflora; Giant Perfection Ten Week's Stock**, mixed.

If you get one subscriber, you may select any one of the above varieties; for two subscribers, select any three varieties; for three subscribers, select any five varieties; and for four subscribers, any eight of the above varieties. For each and every subscriber over five, FLOWER SEEDS IN PACKETS TO THE VALUE OF TWENTY CENTS, may be selected from the Catalog. In addition to the above seed premiums, I will send to every person who raises a club of twelve subscribers, remitting \$7.80, one of the superb Chrysanthemum Chromos, described on the page 5, FREE. For a club of twenty subscribers, remitting \$13.00, I will send, besides the above seed and chromo premiums, "Popular Gardening," one year, the best Horticultural Journal published in America. Thus, every raiser of a club of twenty subscribers will receive the twelve packets of new and choice seeds named above, worth \$1.50; \$3.00 worth of flower seeds in packets selected from the Catalog, the Chrysanthemum Chromo, and Popular Gardening, for one year, the whole worth at least \$6.00. If club raisers do not want the premium seeds for their own use, they can easily sell them while taking orders for collections, and in that way get twenty cents in cash for each collection sold. There are so many choice seeds in the Bonanza Collection that anybody who will try, can, with a very little effort, get up a club of five or more among their neighbors and friends. Many write that it is "no trouble at all" to get up clubs for my collections, the seeds are always so good, reliable and cheap. The collection this year is, most truly, a REAL BONANZA in flower seeds, only two cents a packet for the thirty-two packets. Such an offer was never before made. Smart boys and girls can often get up clubs even easier than older people, and I have received many of them from my young friends in the past; one of them (Master Goddard, of South Waltham, Mass.) won a cash prize last year.

Besides the above REMARKABLY LIBERAL PREMIUMS, I will give

**\$100.00 IN GOLD.**

‡ (See next page.)

## ☞ \$100.00 IN GOLD ☞

to the five persons who send the five clubs containing the largest number of subscribers to the Bonanza Collection, to be divided as follows:

*First Prize, \$50.00,* for the largest club order.

*Second Prize, \$25.00,* for the second largest club order.

*Third Prize, \$15.00,* for the third largest club order.

*Fourth Prize, \$10.00,* for the fourth largest club order.

*Fifth Prize, \$5.00,* for the fifth largest club order.

*It will pay all club raisers to compete for these grand prizes, for the largest club order received last year contained only thirty-two subscribers, and only a few contained more than twenty, and all who sent a club for over \$12.00 in amount received a cash present. The cash presents last year were awarded to Miss H. F. HIGGINS, Deposit, N. Y.; ARCHIE N. GODDARD, South Waltham, Mass.; Miss RUTH A. VIAL, Lynn, Mass.; Mrs. WARREN MANN, Potsdam, N. Y. Twenty copies of the book, "Williams' Window Gardening," were sent to the raisers of the twenty next largest clubs, as promised, one to every person who sent a club amounting to over \$5.00.*

Competition for the Gold Prizes is open to all except to those who have previously won a cash prize. I make this rule so that one club raiser will have just as good a chance as another to obtain a gold prize.

### CONDITIONS, &c.—VERY IMPORTANT.

The above premiums and gold prizes are offered only on these conditions: The full name and P. O. address of each subscriber must be given and, if in a city, the street and number also. Such names as "Mrs. Smith," "Mrs. Jones," etc., without any given name, or the initials of the given name, are of no use to me. I want the name and address of every customer, so that we can put them on our books, and send them a Catalog next year. No premiums of any kind can be allowed unless the above conditions are complied with. I am anxious to place the Bonanza Collection in the hands of as many new customers as possible, for trial, but old customers can take advantage of the offer if they wish, and will be counted towards all the premiums and prizes the same as new ones. No premium will be allowed on a person's *own order* for a collection for their own use. Every new customer is entitled to a Catalog if wanted, and club raisers will please state how many are needed this year. The seeds will all be sent to the raiser of the club (which is much the best way when convenient to distribute, as they usually go safer when sent to one address), or, if not convenient for the raiser of the club to distribute them, to each member separately. The Gold Prizes will be awarded and forwarded to the successful competitors the first of June, and their names published in my next Catalog. Additions to clubs can be made at any time up to June 1st, and proper credit will be given, but to prevent mistakes it should be distinctly stated that they are additions. All seed premiums due *must be selected when clubs are sent in.*

### Premiums on a General Selection of Seeds.

The above premiums are offered on the Bonanza Collection only, but those who raise clubs for a general selection of seeds from the Catalog, or order for themselves alone, I propose to be equally liberal. It has always been my custom in filling large orders for a general selection of seeds to add a few extra packets to each order, but as varieties are sometimes sent that are not wanted, I have concluded to allow customers to select these "extras" as follows: Persons sending 50 cents for a general selection of flower seeds from the Catalog, at the regular Catalog prices, may select 10 cents worth extra as a premium. Persons sending \$1.00 for a general selection of flower seeds, may select 35 cents worth of flower seeds extra. Persons sending \$2.00 for a general selection of flower seeds, may select 75 cents worth of flower seeds extra. Persons sending \$3.00 for a general selection of flower seeds, may select \$1.30 worth of flower seeds extra. For each dollar sent over three, for a general selection of flower seeds, 50 CENTS WORTH of flower seeds may be selected as a premium. In addition to these seed premiums, I will make a present of one of the beautiful Chrysanthemum Chromos, well worth \$2.00, described below, to all who remit \$8.00 for a general selection of flower seeds. These extremely liberal premiums will enable any one with a little work to get their own seeds free, or good pay in cash for the work of raising clubs. Please send the name and address of each member of the club.

### IT SHOULD BE DISTINCTLY UNDERSTOOD

That these premiums on a general selection are offered *only on flower seeds in packets at the regular catalog prices.* SEEDS BY WEIGHT, VEGETABLE SEEDS, COLLECTIONS, OR BULBS and PLANTS *must not be reckoned at all* in making the discount, NOR CAN THE PREMIUMS BE PAID IN THEM, as it would bring the prices below cost in some cases.

*☞ To save correspondence, I would say that the varieties and articles priced in this Catalog are the only ones I have to sell.*

## THE PANSY PRIZES:

Although a large number signified their intention of trying for the prizes I offered last year for the largest pressed blooms of Diamond Pansies, not as many blooms were sent in for competition as the previous year, and nearly all of them came from the Eastern States. This was probably owing to the severe drouth that prevailed all over the West last summer, while in the East the season was one of the wettest on record. The prizes were awarded as follows:

First Prize, \$10.00, to Miss JENNIE M. SMITH, Trumansburg, N. Y., for a bloom two and nine-sixteenths inches in diameter. Second prize, \$5.00, to M. LOUISE SMITH, Pittsfield, Mass., for a bloom two and seven-sixteenths inches in diameter. Third prize, \$3.00, to F. N. PERKINS, East Walpole, Mass., for a bloom two and six-sixteenths inches in diameter. Fourth prize, \$2.00, to Mrs. S. G. WEAVER, Elmira, N. Y., for a bloom measuring two and six-sixteenths inches across. Twenty-two copies of the book, "Every Woman Her Own Flower Gardener," were awarded as follows for very fine and perfect blooms, nearly or quite two and one-fourth inches across: To Mrs. C. A. Rounds, Moravia, N. Y.; Mary J. Howland, Whitefield, N. H.; Mary M. Toppliff, Westfield, Mass.; A. R. Pickering, Pottsville, Pa.; Mrs. R. M. Day, Hampden, Mass.; Mrs. Flora M. Atherton, Waterbury, Vt.; Jessie J. Bisco, Dudley, Mass.; Mrs. D. M. Woodward, Holden, Me.; Mrs. J. H. Harris, Williamsville, Mass.; Mrs. Foster O. Beach, Worthington, Mass.; Martha E. Poor, North Shrewsbury, Vt.; Mrs. Emma A. Lindsay, Smith's Creek, Mich.; Mrs. I. A. Van Tine, Flint, Mich.; Emma J. Carson, Bridgton, Me.; Mrs. Thomas Stafford, Rockport, Mass.; Mrs. C. Beckstedt, Oswego, N. Y.; Jennie M. Howell, Goshen, N. Y.; Mrs. J. S. Pierce, Ware, Mass.; Annie F. Hall, Oak Hill, N. Y.; Mrs. S. G. Lanphear, Monson, Mass.; Miss M. A. Goodwin, Phillips, Me.; Mrs. John Stillwell, Reynoldsville, N. Y. This year I offer a prize of \$10.00 for the largest pressed bloom of my new Mammoth French Pansies (see page 7). I will send "Popular Gardening" one year to each one of the five persons who send the five next largest pressed blooms. Competition is open to all. The blooms must be carefully pressed and sent so as to reach me on or before Nov. 10th, next.

→\*GRAND CHROMO OF CHRYSANTHEMUMS.\*←

Sent free to all who raise a Club of 12 Subscribers to the Bonanza Collection of Choice Flower Seeds—see page 3.



CHRYSANTHEMUMS.

This is the finest chromo of flowers that has ever been produced, and so nearly like an oil painting that no one but an expert can tell the difference. It is "a study from nature," and most truly a grand work of art. It was reproduced from an oil painting that was made at an expense of over FIFTEEN HUNDRED DOLLARS. It is 21x27 inches in size, and shows, life size, 18 of the most beautiful varieties of Chrysanthemums in 18 colors. The small engraving below will give some idea of the artistic arrangement of the flowers in this superb chromo. It received the premium at the Philadelphia Florists' Convention, and hundreds of copies of it have been sold, at \$2.00 each, wherever exhibited. In order that thousands of my customers may possess it, I have decided to offer it, *until the first of June only*, at about the cost, 60 cents each, by mail, postage paid, in a strong pasteboard tube, so as to go safely.

From JOHN THORPE, *President of the Society of American Florists*: "Your Chrysanthemum Chromo is a work of Art: furthermore, the flowers are true representations of the very best varieties of today, all of which I recognize and can easily name."

From PETER HENDERSON: "A true and life-like representation of a group of our finest Chrysanthemums, as well as an excellent work of Art, making it a most beautiful and interesting picture."

Try my Chrysanthemum seed. Price, etc. will be found under the heading "Seeds of House Plants," on another page of this catalog. They are as easily grown from seeds as asters, and bloom the first year.

SUBSCRIBE FOR "POPULAR GARDENING."

THIRTEEN PACKETS OF NICE SEEDS FREE TO EACH NEW SUBSCRIBER.

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, simply for want of time. Everybody who has a garden, even a small one, or a few house plants, should subscribe for a good, live journal on gardening. Such a one, and one I can thoroughly recommend, is POPULAR GARDENING, and to induce thousands of my customers to give it a trial, I will give as a premium to every new subscriber, twelve packets of choice perennial flower seeds, all the following, worth at least 50 cts.: Aquilegia, 30 varieties, mixed; Canterbury Bells, double and single mixed; Delphinium, mixed colors; Clove Pinks; Ivery's New Spotted Foxglove; Ipomopsis; Pyrethrum roseum; Improved Sweet Williams, all varieties in splendid mixture; Double Feverfew; Sweet Rocket; Perennial Poppies, mixed colors; Veronica, mixed colors. *This offer is good until July 1st only*. To all new subscribers sending in their subscriptions *before March 15th*. So that we can book them before the busiest part of the season, I will send besides the above twelve packets of seeds, a packet of the new MANGO MELON or VEGETABLE ORANGE (see page 28.) Thus every subscriber will receive for \$1.00, "Popular Gardening," the best Floral and Fruit Paper published in America, one year, and about 75 cents worth of nice seeds besides.

FOOD FOR FLOWERS:

This is a fertilizer made expressly for flowers grown in the house or garden, and is the best thing of the kind I have ever tried. It is free from odor and clean to handle. It produces a healthy, luxuriant growth, which is soon followed by an abundance of flowers. Everybody who has ever tried it has been delighted with the results. It is used by dissolving a little in water and applying to the soil once a week. Trial packages 25 cents each, postage paid. Large packages by mail, post-paid, 50 cents each. Directions for use and a valuable little pamphlet on the culture of house plants free with each package.

A FEW OF MANY TESTIMONIALS.

- "I had a trial package of Plant Food last year and was delighted with it. Never had my plants do nearly as well before." G. C., *West Chester, Pa.*
- "Mrs. Stiles endorses your plant food without qualification. It not only produces the healthy growth you claim for it, but keeps her plants wholly free from vermin." G. J. S., *Boston, Mass.*
- "The use of the Food for Flowers has given the most satisfactory results, rendering my plants strong and healthy, and keeping them in constant and vigorous bloom for months without any seeming exhaustion of their strength." Mrs. A. B. M., *Barton, Vt.*
- "The package of Plant Food was *more than satisfactory*. It caused my plants to grow, bud and blossom beyond all my expectations. Have kept quite a variety of plants for twelve years, but never were they half so satisfactory as after using your Food." Mrs. H. W. P., *Andover, Me.*

# Recent Introductions of Special Merit.

## NEW RUBY VERBENAS:



Verbenas grown from seed are not only quite fragrant but always make nice, healthy plants, and flower more profusely than cutting plants; but there has always been a strong tendency in seedlings to throw the dull neutral tints, or "run to purple and blue" as the florists say. In this NEW RUBY STRAIN, this tendency has been almost overcome by over fifteen years of culture and selection, and I am confident that the larger part of the plants from it will throw the most brilliant and desirable colors. The trusses are of the largest size and the individual flowers often an inch in diameter. The colors include the most brilliant scarlet, vermillion, and other bright colors in great variety, many of them with large,

distinct white eyes and some elegantly striped and variegated. These Verbenas have always taken the first prize whenever exhibited at fairs, being fully equal and many of them superior to the best named varieties. The Grandiflora and Giant Verbena seeds so extensively advertised last year are *not worth cultivating* in comparison with the Ruby. This strain is so highly perfected that it bears but very little seed, of which I have the entire stock, and I can assure my customers that seed of such high quality has never before been offered. Verbena seeds should be sown as early as possible, under glass or in boxes in the house; cover a quarter inch with soil and keep moist and warm till it germinates, which will be from two to four weeks. Price, per packet of about 100 seeds,..... 25

## NEW LARGE FLOWERING GERMAN PANSIES, DIAMOND STRAIN.

The superior qualities of this unsurpassed new strain of German Pansies, introduced by me four years ago, has gained such a reputation among my customers that it has resulted in the sale of more than seventy thousand packets of seed. Its large and perfectly formed, round and velvety blooms, endless 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 in full bloom in my grounds last year was the admiration of crowds of visitors, many of them from Boston, New York, Washington, and other distant places, including some old florists, and all acknowledged it to be the finest display of Pansies, in both quality and quantity they had ever seen. A large bed containing samples of every strain of Pansies offered by American and European seedsmen, including several introduced last year for the first time, proved very interesting and instructive, especially to the florists. While some of these strains could be called good, most of them were quite ordinary, some were decidedly poor, and none were equal to the Diamond strain in richness, brilliancy and endless variety of coloring. *I particularly invite a comparison with these or any other strains 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 August. Sow in a cold frame or in boxes covering the seeds not more than an eighth of an inch with soil, and take particular care in watering and shading to keep the soil constantly moist till they germinate, which will be in from 10 to 18 days if all goes well. Pansy seeds are very sensitive to the drying out of the soil and when they fail to germinate it is almost always from this cause, or from too high a temperature. If seeds are sown in Summer the seed-bed should be entirely shaded with boards raised a few inches above the surface, and frequently examined and watered, removing the boards as soon as



# “I SAY,

Do you take **POPULAR GARDENING AND FRUIT GROWING?**”

This is what one neighbor, who has long since learned of the real value of this rising Dollar Journal, is, in the annexed engraving, asking another neighbor.

And it is our question, as well, to every one who receives our Catalogue for 1888. Let us tell you why :

If you are a **market grower**, either of Fruits, Flowers, or Vegetables, it will, by its practical, pointed information, add many times its cost to your **profits**; if a grower of Plants, indoors or out, Vegetables, Fruits, Trees, etc., either **for pleasure or for home supplies**, it will be the means of affording an unexpected increase of success. At least such, to our positive knowledge, has been the experience of many thousands of both these classes, who are now regular subscribers. Bear in mind the cost is but \$1.00 a year, postpaid.



*The Women and Children Read it with Profit.*

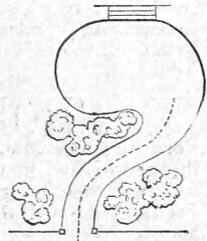
**WHAT IS IT,** A 60-column paper (besides advertisements), filled to the brim with practical, sensible, useful articles on horticulture in all lines, Fruits, Flowers, Vegetables, the Greenhouse, Landscape Gardening, Marketing, etc. It is bright, sprightly, well edited, profusely illustrated. There are no dry, long-winded articles; there is no needless waste of words, all matter being short-cut and to the point, just as **busy people** like to have it. The best quality of paper, the best press work, the most practical workers employed throughout. Another view: 1600 articles, 250 engravings appear in the annual volume, and enough to make *seven* ordinary books costing \$1.50 each or \$10.50. Here you have it all with title page and complete annual index for **One Dollar**.

## WHO MAKE IT.

To read over this list of practical writers for 1888, nearly all of whom are eminent horticulturists, will tell the whole story :

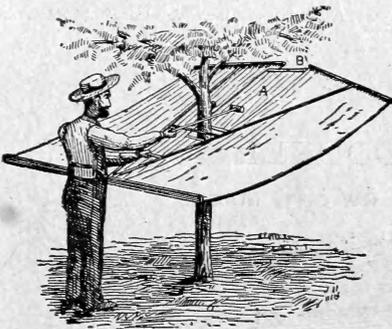
Peter Henderson, Andrew S. Fuller, T. T. Lyon, Chas. A. Green, J. L. Budd, Shirley Dare, Charles Anderson, Chas. A. Gibbs, E. Williams, Joseph Harris, P. J. Berckmans, P. M. Augur, Judge Samuel Miller, W. C. Strong, L. H. Baily, Jr., W. A. Manda, Mrs. M. E. Welcome, Geo. W. Campbell, A. J. Caywood, Geo. J. Kellogg,

H. E. Van Deman, J. M. Smith, A. M. Purdy, William Falconer, Eli Minch, N. Robertson, D. B. Wier, C. W. Idell, Henry Lutts, L. B. Pierce, M. F. Thompson, Dr. H. R. Van Dusen, Sister Gracious, Charles E. Parnell, Thomas C. Meehan,



*The Front Yard Walk.*

E. L. Taplin, E. J. Cushman, Charles W. Garfield, Wm. H. Yeomans, F. K. Phoenix,

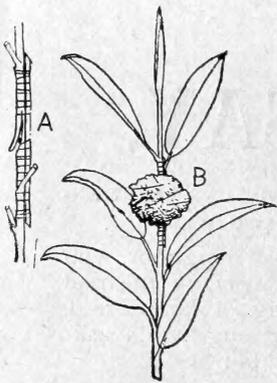


*Popular Gardening's Non-Patented Curculio Catcher.*

Besides the efficient Editorial Staff and *hundreds of other contributors* from among the rank and file of successful cultivators who send to this, their favorite journal, numerous notes of information and of results.



*How a Subscriber Winters his Lettuce.*



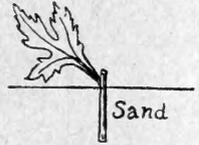
*Air-Layering a Plant.*



*Small Fruit Culture is a Leading Specialty.*



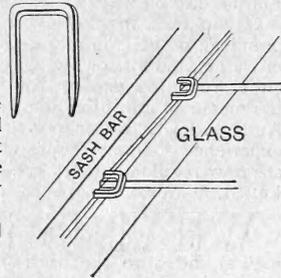
*Rose Bug.*



*Propagation.*

## THE ENGRAVINGS.

A special word here: Of the hundreds of these employed, the great bulk are designed and engraved in the art department of the paper itself, and at a great expense. On this sheet are shown a few of the more than 250 cuts of the past year, but these can give only the faintest idea of their general worth, beauty and size, beyond showing the important point of their **practical value.**



*Glazing with Double-Pointed Tacks.*

## INQUIRY DEPARTMENT.

This Department possesses extraordinary value to the reader. In it you ask your questions about any kind of gardening matters, with the certainty of getting from one to four direct answers to the same from as many practical cultivators. All answers are printed in the paper for the benefit of the general reader. Hundreds avail themselves of this Department right along; **thousands more** are invited to do so. The "WORK OF THE SEASON" Department, covering all branches, and prepared by actual cultivators, is another special department of great value.

**IN SHORT,** The simple aim of the publishers is to make of **POPULAR GARDENING AND FRUIT GROWING a paper for the people,** and in which is told what the people want to know in order to the growing of better Flowers, Fruits, Vegetables; in fact, all useful and ornamental plants. Above all else, it *doesn't* shoot over people's heads.

**It is a paper that you should by all means try.**

Will you not subscribe with us for one year? Subscriptions may begin with any month.

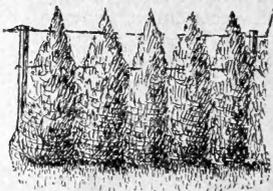


*The Golden Star of Bethlehem.*

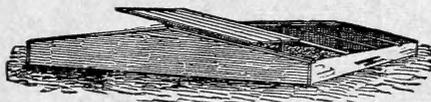
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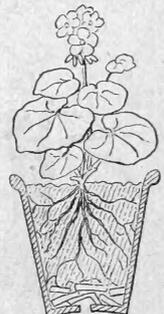
**L. W. GOODELL,  
DWIGHT, MASS.**



*Hedge Fortified with Thorn Wire.*



*A Span-Roofed Cold Frame.*



*Land Draining Illustrated.*

ORDER FILLED.—JAN. FEB. MAR. APR. MAY  
DO NOT WRITE IN ABOVE LINE, BUT FILL OUT BLANK BELOW CAREFULLY.

# GOODELL'S ORDER SHEET.

Date, ..... 1888.  
**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, - \$ .....

QUANTITY  
WANTED.

**NAMES OF SEEDS WANTED.**

PRICE  
\$ Cts.

Amount carried over.



L. W. GOODELL,  
. DWIGHT,  
MASS.

the plants begin to appear. As soon as the plants have grown about an inch in breadth set them 10 inches apart where they are to bloom, or nearer if quick results are wanted. Pansies do well in partial shade if the roots of trees can be kept out of the beds, but shade is not at all necessary, as many suppose. The soil should be made very rich—the richer the better—with fine thoroughly decayed manure. The Pansy is not particular as to the kind of soil provided it is rich. A very rich soil, cool weather, and an abundance of water, are the secrets of growing fine Pansies. Mere size is not now considered by Pansy fanciers a leading point in judging of the merits of blooms; those that are from two to two and one-half inches in diameter, if of perfect round form with thick, velvety petals of rich and varied coloring, always take the prize over larger ones that lack these points. To grow blooms of the largest size for exhibition or to astonish your friends, make the soil as rich as possible, select plants that have the finest flowers and pinch off all the branches except three or four on each plant; pick off the buds as fast as they appear 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. Pansies usually give the most pleasure when allowed to bloom freely, which they will do at all times 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 of the first 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 it is caused, not by cold, but by water settling around the stems, which causes them to decay, and care should be taken to set plants on ground a little elevated or on an incline.

**SPECIAL PRIZE AWARDED TO DIAMOND STRAIN,**

A Special Prize of \$10.00 was offered by M. B. Faxon, a member of the Mass. Horticultural Society, for the best fifty cut blooms of Pansies, to be judged by a scale of 100 points, including SUBSTANCE, SHAPE, COLOR AND SIZE. This prize was competed for at the last annual exhibition of the society, held in Boston, Sept. 13th to 16th, and was awarded to me for fifty blooms of the Diamond Strain, which were said to be the finest Pansies ever exhibited there, that were grown in the open ground. These Pansies were picked from plants that had not been pruned or received any extra culture whatever, in fact, I had not thought of competing for this prize until the day before the exhibition.

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 always be some variation in some of the plants, but they will be none the less beautiful on that account, 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, rich purplish red, with three large maroon blotches; *Clymene*, purple and maroon marbled; *Halcione*, yellow, edged with blue; *Daphne*, lilac shaded with rose purple; *Aurora*, a velvety crimson maroon, shaded with red and edged with yellow; *Iris*, deep bluish purple shaded violet; upper petals light blue or violet; *Eurydice*, white 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*, white ground with a large dark blotch on each petal; *Callisto*, dark colors with light edges; *Psyche*, various shades of purple, yellow and brown striped and mottled, often on a light ground; *Euterpe*, rich shade of blue and purple with a black center; *Alceste*, various shades of purple, yellow and maroon beautifully marbled and shaded; *Cybele*, brown with yellow center; *Sappho*, purplish black with violet center; *Dryope*, light blue shaded with brown and fawn color; *Erato*, 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; *Iole*, brown with yellow center; *Dione*, various shades of purple, yellow and maroon marbled; *Hebe*, yellow, stained red; large dark blotches; *Calliope*, rich velvety maroon and bronze color with yellow center; *Calyppo*, mahogany color, citron yellow and bronze with dark center; *Proserpine*, purple and blue with white center; *Thetis*, 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; *Arethusa*, yellow with maroon blotch; *Ariadne*, dark purple and maroon stained and edged with red and white; *Terpsichore*, white with dark spots; *Vesta*, light sky blue with violet center; *Thisbe*, white, curiously spotted and mottled with purple, violet or blue.

**PRICES OF DIAMOND STRAIN.**

<i>Any one</i> of the above named varieties, in separate packets, per packet of 100 seeds.....	30
<i>The entire collection</i> in separate packets, one packet of each.....	\$10 00
<i>All varieties in splendid mixture</i> , packet of 100 seeds.....	20
<i>Extra choice mixed</i> , from the largest, finest flowers of the richest self colors and finest fancy varieties; packet of about 100 seeds.....	30

**WHAT FLORISTS SAY ABOUT DIAMOND STRAIN.**

I now supply hundreds of florists, who grow plants for sale, with Diamond strain, and my trade among them is rapidly increasing. The following are samples of many reports:

J. THORNILEY, FLORIST, New Britain, Ct., writes:—"Your Diamond Pansies were for sale at my place by the way of the best French, English, German and American strains, and were invariably preferred by my customers, in fact I could scarcely sell the others at all until yours were sold out."

HENRY BIRD, FLORIST, Newark, N. J., writes:—"The Diamond Pansy seed I got from you last season was in every way satisfactory, a great variety of colors, many I had not before seen, and the flowers in size were all I could desire."

W. J. PRESCOTT, FLORIST, Hampton Falls, N. H., writes:—"The Pansy seeds I purchased from you last year gave perfect satisfaction. The flowers were of good size and the variety splendid, far better than any other strain I have ever grown."

E. HOLLEY, FLORIST, Hudson, N. Y., writes:—"The Pansies grown from the Diamond strain purchased from you were the finest I ever had in the German or fancy strains, in fact the combination of colors was wonderful and the blooms were of good size."

**NEW DWARF SWEET ALYSSUM, LITTLE GEM:**

This is an exceedingly pretty and entirely distinct dwarf variety of Sweet Alyssum originated by me and introduced three years ago. The plants are of very dwarf, compact spreading habit, and only 3 to 5 inches in height, each plant covering a circle from 15 to 30 inches in diameter. It begins to bloom when quite small, often when in the seed-bed, and so profusely that the plants are a solid mass of white from spring till late in autumn. I have counted over 600 clusters of flowers on a single plant at one time. For small beds and edgings it is very effective, and for pots and baskets a gem of the first water. It is as fragrant as the common variety and better for cutting. This charming variety has taken its place as one of the most popular and desirable novelties introduced of late years. Per packet..... 10



LITTLE GEM.

**ASTER, Mignon:** A very beautiful variety of white Aster, the plants growing about a foot in height, of compact very branching habit, each plant bearing from 75 to 100 pure white double flowers about two inches across, with the petals finely imbricated. It is one of the earliest to bloom and keeps in perfection longer than any other variety..... 15



COMET ASTER.

**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 Asters in having the petals very long, wavy and curled at the ends, something like the Japanese Chrysanthemums..... 25

**ASTER, Comet, Deep Rose,** A deep rose-colored variety of this distinct and beautiful new class..... 30

**ASTER, Rose-flowered, Dark Scarlet:** Flowers very double of a dark crimson scarlet or maroon color. The deepest, richest colored Aster ever produced..... 10

**ASTER, Zirngiebel's Double White:** This is one of the finest of white Asters. The plant is about 18 inches in height, of good habit and covered with large double flowers..... 15

**ASTER Triumph, Deep Searlet:** A new dwarf Peony-fl variety, which the originator says is the most perfect and charming of all dwarf asters. It grows to a height of 7 or 8 inches and each plant bears from 30 to 40 very double flowers 2½ inches across, which are of a magnificent, satiny, deep scarlet color. Packet of 10 seeds..... 25

**ASTER, Imbrique Pompon, Maroon:** A splendid variety, of a dark rich velvety maroon color..... 20

**ASTER, Victoria, Light Yellow:** A valuable addition to the colors of asters, being of a light sulphur yellow color and very double..... 20

**ASTER, Dwarf Shakespeare, Blue-black:** A new color in Asters and the nearest to black yet obtained. Plant about 6 inches tall with small double flowers, and so dark in color as to seem a real black at first sight.... 20

**BALSAM, Camellia-fl. Perfection, White:** A perfectly double variety and the finest white Balsam, nearly every plant producing flowers as large and double as Camellias. Very valuable for florists' use..... 10

**CARNATION, Grenadin:** A new dwarf hardy variety, producing a profusion of perfectly double flowers of a vivid scarlet color... 15

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

**CANDYTUFF, Mammoth White:** This is the largest variety of white Candytuff ever offered, the plants growing very large, the spikes of flowers from 3 to 5 inches long by 2 or 3 in diameter. The plants should be transplanted or thinned to 15 inches apart, to become fully developed, in good rich soil..... 10

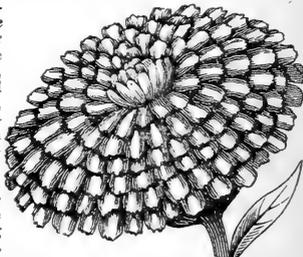
**CHENOPODIUM atriplicis, Victoria:** An easily grown annual foliage plant, the colors of the leaves resembling those found in the best Amaranthus and Coleus plants, varying from pale yellow to deep crimson-violet, from pink to the most brilliant red, partly unicolored and partly striped with green. Plants grow from 3½ to 4½ feet tall and very branching..... 25

**CHIONODOXA LUCILLAE, (Glory of the Snow):** One of the loveliest of hardy spring blooming bulbs bearing spikes of small flowers of intense blue with white centers, very early in spring..... 15

**CHRYSANTHEMUM segetum grandiflorum:** A very showy variety of annual Chrysanthemum. The flowers are single, 1½ to 2 inches in diameter, of a bright golden yellow color and borne in the greatest profusion from June to October: 2 feet tall, and plants should be set 18 inches apart..... 10

**CHRYSANTHEMUM, New Double Lemon:** A new annual variety with perfectly double flowers of a delicate lemon color.... 10

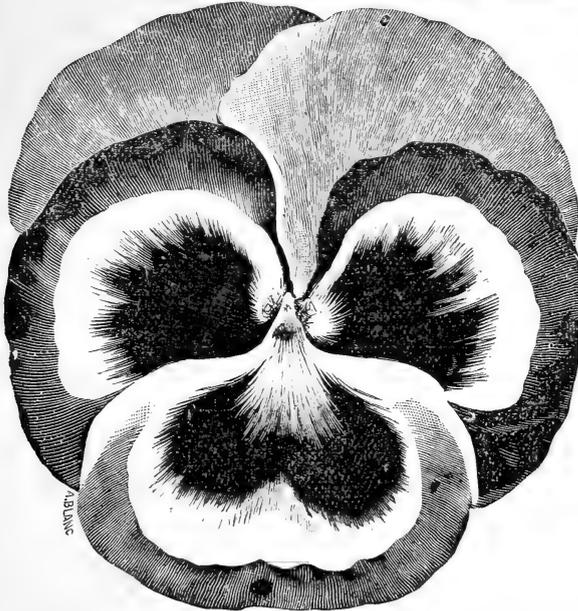
**CALENDULA, Prince of Orange:** A very fine and showy, hardy annual with large, double flowers of a rich deep orange color, each petal with a lighter stripe through the center giving the flowers a very novel and elegant appearance. An improvement on the older variety "Meteor."..... 10



CALENDULA, PRINCE OF ORANGE.

**CANNA, Dwarf French:** An entirely new and distinct race of Canna, which has created a great sensation in Europe. They are of dwarf habit, rich dark foliage, and the flowers, which are produced in abundance all summer, are equal in richness and diversity of colors to many varieties of Gladioli. Soak the seeds several days in warm water..... 25

**NEW MAMMOTH FRENCH PANSIES.**



It is several years since the first of the large French Pansies (the Trimardeau), was introduced, but unfortunately these pansies, while of large size, are of poor shape, are of few and poor colors, and the petals are so thin that they begin to wilt almost before they fully expand. I am now pleased to be able to offer, as the result of several years of careful culture and crossing, a new strain of mammoth pansies that far surpass the original Trimardeau in shape, color and substance of petals, while they are even considerably larger in size. With ordinary good culture they readily grow from 2 1/4 to 3 inches in diameter, but with special high culture and pruning they grow up to 3 1/2 inches or even more. While they do not, and probably never will, equal the Diamond Strain in perfect form and endless variety of rich, velvety colors and tints, these Mammoth French Pansies far surpass in variety of colors, shape and substance, combined with enormous size, any thing that has before been offered in the Pansy line, as was clearly proved by tests in my grounds during the past year, where all the strains of pansies known were grown side by side. They are entirely distinct from the Diamond Pansies. I hope all my customers will try these Mam-

moth Pansies, and feel confident that they will be delighted with the result. I would like to know how large they can be grown in other places, and offer

**A PRIZE OF TEN DOLLARS**

For the largest pressed flower sent me before November 10th next. Competition is open to all, but those who intend to compete for the prize must so state when they order seeds. Price per packet of about 75 seeds.....30

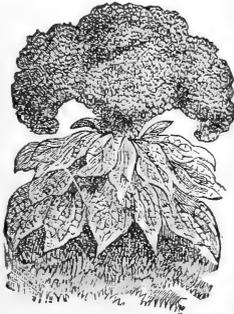
**CHRYSANTHEMUM, tricolor Eclipse:** An exceedingly showy new variety with golden yellow flowers, with a purplish scarlet ring and a dark brown disk. .... 10

**CHRYSANTHEMUM, The Sultan:** Rich crimson maroon with gold colored ring. All the varieties of Annual Chrysanthemums are showy in the garden and valuable for cutting. .... 10

**CLEMATIS, Large Flowering 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 white and all the shades of rich purple, violet and blue. Seed requires freezing to germinate well. Sow in the open ground in the fall, or in a box and place where the earth will keep frozen till spring. .... 20

**COCKSCOMB, New Empress:** A magnificent dwarf variety with immense combs, measuring from 12 to 20 inches in length, when well grown, and of a bright crimson with a rich velvety appearance. .... 15

**COSMOS hybridus grandiflorus:** Fine annuals growing 5 feet tall with elegant foliage and bearing a profusion of flowers late in the fall, resembling single Dahlias. The colors are white and various shades of rose and purple. They do not flower well north of New York unless started very early. .... 10



EMPRESS COCKSCOMB.

**CYCLAMEN, Persicum giganteum atrosanguineum:** A new variety of these popular house plants of the deepest, richest shade of blood red imaginable. .... 50

**DELPHINIUM hybridum, Sulphur Yellow:** A remarkably handsome species of Perennial Larkspur, 3 1/2 to 4 feet tall, with large spikes of sulphur yellow flowers from June to August. .... 25

**DIANTHUS (Japan Pink) Mourning Cloak:** A fine addition to this favorite class, with large double flowers of a dark maroon almost black color edged with pure white. .... 10

**GAILLARDIA picta Lorenziana fl-pl:** This has proved one of the most valuable hardy garden flowers introduced for many years. The plants grow about 18 inches tall, very bushy, and the flowers, which are in large globular and semi-globular heads are produced freely from June till late in the fall. It is a first-class bedding plant and very fine for cutting bouquets, as the flowers grow on long wiry stems. Sow seeds in frames or boxes if possible and transplant where they are to bloom, a foot apart. Orange, sulphur yellow, amaranth, claret and variegated, mixed. .... 10



GAILLARDIA LORENZIANA. (1/2 natural size.)

## EMPEROR PETUNIAS.



EMPEROR PETUNIAS (Laced-edged Section).  
(Much reduced in size.)

The flowers of this 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 there is every gradation. Some of the varieties have a clearly defined white throat, the other portion of the corolla being colored; some are evenly or irregularly striped, blotched and barred with purple, crimson, rose and white; others are elegantly veined with crimson, violet and maroon on a light ground, and several are exquisitely fringed and frilled, resembling ruffled lace. Many of the varieties 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 awarded the first premium at every fair where I exhibited them.

There is one peculiarity about Petunia 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 saved and transplanted with particular care as they are the ones that always produce 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 blotched, striped and spotted with crimson, rose and purple, rich cardinal red, lavender and rose beautifully veined with maroon, etc.; and giant resembling ruffled lace. The rare beauty

of the edges of the petals are most elegantly fringed and frilled and must be seen to be appreciated. All varieties mixed,..... 25

**Large-flowered Smooth Petaled Section:** Flowers of large size, the petals with smooth or even edges. It embraces all the colors of the fringed section and many others, including several entirely new 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,..... 25

**Small-flowered Section:** The flowers of this section are small, but the plants bear a great profusion of flowers, and are very showy; they are of a variety of colors, blotched, striped, barred and spotted with white; mixed colors,..... 10

**Dwarf Section:** These are very dwarf and compact plants bearing a great profusion of small flowers of rich purple and cherry red colors with a white star in the center of each flower. These are little beauties,..... 15

All the above sections and varieties in splendid mixture,..... 15

**Mammoth Section:** The flowers of this section are of immense size, often from 5 to 6 inches in diameter and of beautiful colors,—rose and lavender veined and penciled with crimson lake and maroon with large tigered throats, rich shades of purple, with large white or black throats, etc. The seeds are very sparingly produced. Packet of 50 seeds, mixed colors,..... 30

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

**DAHLIA, New Single, Striped and Spotted:** A new strain of the popular Single Dahlias, the flowers of various colors, elegantly striped, mottled and spotted,..... 25

**GODETIA, New Varieties:** The new varieties of Godetias are great improvements on the old sorts. The plants grow about 18 inches tall, very compact and bushy and are completely covered with large Azalea-like flowers of a peculiar satiny appearance, each plant resembling when in full bloom a miniature Chinese Azalea. They do best when sown where they are to grow and thinned to a foot apart. Satin rose, crimson, carmine and white mixed,..... 10

**GODETIA, Spotted Carpet:** A charming variety of this popular plant. The plants are dwarf and bushy, bearing myriads of exceedingly pretty pure white flowers with a bright carmine-rose center,..... 10

**GERANIUM, Zonale, Bouchardat's Collection:** Few horticulturists have enriched this class with so many fine varieties as M. Bouchardat. He has specially saved for me from the best new varieties of his unsurpassed collection the seed I now offer,..... 25

**GLADIOLUS Lemoinei:** 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 will produce many new and striking varieties,..... 20

**HUMULUS, Japonicus (Japanese Hop):** A very pretty and rapid growing annual climber growing 10 to 15 feet in height,..... 15

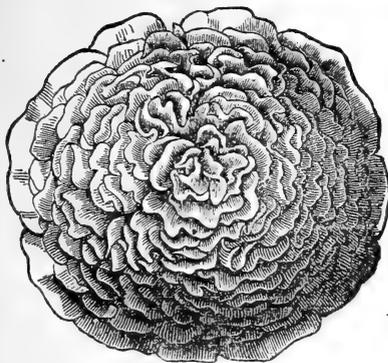
**MARIGOLD, AFRICAN, El Dorado:** This is the finest strain of African Marigold yet produced. The flowers are 3 to 4 inches in diameter, very double and most perfectly imbricated and frilled a single plant often bearing from 50 to 75 flowers at one time. The colors run through all the shades of yellow from very light primrose to the deepest orange; mixed colors,..... 10



NEW MARIGOLDS.

**MARIGOLD, FRENCH, Compact Gold Striped:** An elegant variety. The plants are only 6 inches tall with a diameter of a foot. The flowers are very double and abundant, striped with bright yellow and chestnut color. It is one of the best for bedding,..... 10

**SUPERB DOUBLE HOLLYHOCKS:**



SUPERB DOUBLE HOLLYHOCK.  
(½ natural size.)

For several years I have been growing and improving this most popular perennial, and am now able to offer a strain 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. Sixteen colors—pure white, dark crimson, deep pink, light buff and purple tinged lilac, salmon rose, canary yellow, violet tinted with cream, light flesh color, crimson flaked with salmon; brown shaded and tipped with lilac, cream color and purple shaded lilac, buff yellow, purple, rose, sulphur yellow, scarlet,—all in splendid mixture.

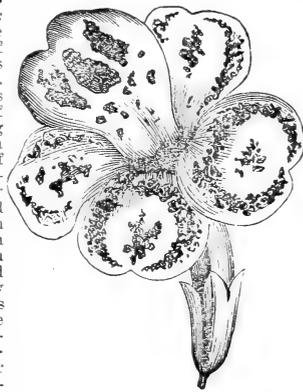
**IMPATIENS Sultani:** A new species of perennial Balsam, which has proved to be a splendid house plant and very valuable for bedding out in summer. The flowers are from 1 to 1½ inches in diameter, of a brilliant rose-scarlet hue. The plants are of compact growth, branching freely, and the flowers are produced 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 in a frame or box in the house.

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

- GLOXINIA, New French Tigered and Spotted Hybrids:** A new class of these superb and popular house plants having very large and beautiful tigered and spotted flowers. 20
- IPOMEA grandiflora alba (Moon Flower or Evening Glory):** A magnificent plant of rapid growth, climbing to a height of 25 or 30 feet. It belongs to the Morning Glory family, but the flowers, which open towards evening, are of immense size,—from 4 to 5 inches in diameter, pure white and very fragrant. Start the seeds early under glass or in boxes. 15
- IPOMEA Leari:** This is another magnificent species of Ipomea, but the flowers, which are about 4 inches across, are sky blue shading to light red in the center. 15
- LALIA elegans:** A very pretty annual from California, about a foot in height, with large golden yellow flowers, edged with white, with an orange center. 10
- LOBELIA erinus compacta oculata:** A splendid variety, the flowers dark blue with a distinct white eye. 10
- LOBELIA, White Gem:** A pure white variety of dense, compact habit; very fine for beds or edgings. 10
- LOBELIA, Prima Donna:** Of dwarf compact growth, thickly studded with rich velvety crimson maroon flowers. 10
- MARGOLD, FRENCH, signata maculata:** A remarkably fine variety for bedding. The plants are 2 feet tall, very compact and bushy, with elegant foliage, each plant covered with hundreds of small, single flowers of a bright yellow with a crescent-shaped brown spot at the base of each petal. 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. 10
- MIGNONETTE, Machel:** A variety of very dwarf vigorous growth with massive spikes of deliciously scented red flowers, the best of all sorts for pots. 10
- MIGNONETTE, & ant White Spiral:** An entirely distinct variety growing three feet tall with long spikes of white flowers often a foot or more in length and very sweet scented. Easily transplanted, or may be planted where they are to grow. Set or thin plants to 18 inches apart. 10
- MIRABELIS Jalapa, Dwarf White:** A beautiful new variety never more than 10 inches in height and completely covered with pure white flowers. 10
- MYOSOTIS alpestris, Victoria:** This new and very pretty Forget-me-not is of very bushy growth and is completely covered with large, bright azure blue flowers, remaining in bloom a long time. 15

**MIMULUS**

**grandiflora:** One of the prettiest of house plants easy to grow. The plants are of dwarf spreading growth with a profusion of brilliant flowers curiously mottled and spotted with rich brown and crimson on white and yellow ground. Seeds should not be sown till August or September, for winter blooming. 15



MIMULUS GRANDIFLORA.  
(2-3 natural size.)

**MINA toba-**

**ta:** 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 about 15 inches in length growing upright and in great abundance amidst the luxuriant foliage, presenting a very striking aspect. The flowers are tubular in form, about 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 climbs to a height of 18 feet, and is well suited for covering arbors, trellises, etc. The seeds germinate very unevenly, some coming up in a week, while others remain dormant for a month, and they should be started as soon as possible in the house, so as to get good large plants for early planting when danger from frost is past. 25

**OSTROWSKIA magnifica:** A new hardy perennial plant from Buchara. It forms a bushy plant 4 to 5 feet tall with erect bell-shaped flowers 3 inches long, which are dark blue and lilac in color. 30

**PETUNIA, Double Lilliput:** Produces an abundance of small double flowers of rich velvety purple colors often spotted and striped with white. The plant is dwarf and bushy and it is the prettiest and most satisfactory double petunia I have seen. 25

**PETUNIA, Lady of the Lake:** The seeds of this variety produce from 10 to 30 per cent of large and elegantly fringed pure white double flowers; packet of 50 seeds. 35

NEW SWEET PEAS:

Improvement in this favorite flower has been quite marked during the past few years, during which many so-called new varieties have been introduced. I have tested all these varieties and find some of them of quite distinct and new tints, while others are so near like the old colors that they cannot be distinguished from them. From about 20 varieties I have selected 10 which I find distinct and fine additions to the old colors, and offer in mixture. They include Butterfly, Bronze Prince, Princess Beatrice, Capt. Clark, Adonis, Invincible Carmine, Fairy Queen, etc. Ten of the most distinct new varieties mixed, per packet,..... 10



**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,..... 20

**TEN - WEEKS STOCK, Giant Perfection:** A splendid race of pyramidal growth, attaining a height of 2½ feet, with long spikes of beautiful large double flowers. This is one of the best for open ground culture: 9 colors..... 10

**NICOTIANA affinis:** One of the finest annuals of recent introduction. The plants grow about 3 feet tall, and bloom profusely all summer. The flowers are white, 2 or 3 inches long, and about as much in diameter, and are very sweet-scented - a small bed filling a whole garden with fragrance. It also succeeds admirably as a house plant. The plants can be taken up in the fall, cut back and potted for the house, where they will bloom freely all winter. This is one of the things that cannot be too highly recommended. Seeds are rather slow and uneven of germination and should be sown in a frame or box,..... 10



NICOTIANA AFFINIS.  
(¼ natural size.)

**OXALIS corniculata purpurea:** As a dwarf purple-brown foliage plant, this is unsurpassed. It was extensively used in the Boston public gardens last season in bedding with admirable effect. For borders to beds 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,..... 10

NEW SWEET PEAS.

- PETUNIA, Steel Blue:** A singular but very handsome large-flowered Petunia with charming venation; packet of 50 seeds,..... 50
- POPPY, Snowball:** The finest of all white Poppies. The flowers very large, pure white, with deeply fringed petals, very double and perfectly globular in form, the plants appearing to be covered with real snowballs,..... 10
- PHACELIA (Whitavia) campanularia:** This new California annual is one of the prettiest blue flowering plants ever introduced. The plant is of spreading bushy growth about 7 inches tall by a foot across. The flowers are very numerous, of an open campanulate form, about three-fourths of an inch across, and of the finest satiny blue, of a shade very rare in flowers, rivalling the beautiful *Salvia 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 8 inches,..... 10
- PHLOX Drummondii grandiflora splendens:** One of the finest of all the annual Phloxes for bedding. The flowers are very large and round, of a vivid crimson color,.... 10
- PHLOX Drummondii grandiflora stellata splendens:** The best for bedding and cutting of any of the *grandiflora* varieties introduced for many years. The flowers which are produced very profusely, are very large, round and of a brilliant rosy crimson color, with a large and clearly defined white star in the centre,..... 10
- SALVIA prunelloides:** A very fine flowering annual species about 2 feet in height, with neat flowers of every shade of purple and deep blue, in great abundance, on spikes 10 or 12 inches in length,..... 25
- SILENE Double Dwarf Compact:** A charming hardy annual of dwarf compact growth, covered with small, double rose colored flowers, very good for edgings,..... 10

**NEW ZEBRA ZINNIAS.**

There has been great improvement in Zinnias of late, and this entirely new and distinct strain is the most decided break from the old style that has yet been made. The flowers are of medium size, very double, of perfect form and of various brilliant colors, about 50 per cent. of the plants bearing flowers most elegantly striped and spotted with several shades of red, on white, yellow, rose, and orange ground; sometimes the same plants bearing both self-colored and striped flowers. These Zinnias attracted much attention from visitors to my grounds last summer, and were also much admired at Fairs where I exhibited them.

From *The Gardener's Monthly* for December: "ZEBRA ZINNIAS.—A strain of Zinnias with striped florets was exhibited by Mr. L. W. Goodell, at the meeting on Sept. 3d of the Massachusetts Horticultural Society."  
Price per packet,..... 20

**SCHIZANTHUS pinnatus 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 literally covered with flowers resembling small butterflies,..... 10

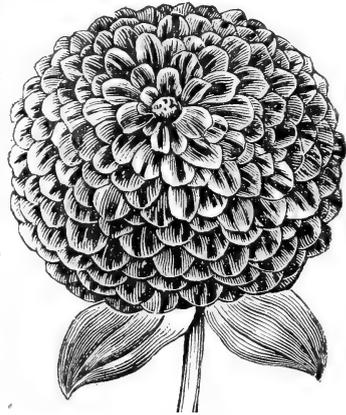
**TROPEOLUM minus** (*Nasturtium Lady Bird*): A pretty and distinct variety of a rich golden yellow color, each petal with a broad vein of bright ruby crimson at the base,..... 10

**TROPEOLUM minus Chameleon**: A brilliant novelty in this popular class. The flowers are crimson, bronze and gold, bordered and flamed, changing in hue almost daily, hence the name,..... 15

**TROPEOLUM minus, Golden-leaved**: The foliage of this new sort is very distinct from all others, being of a light greenish yellow color and forms a most striking contrast with the dark leaved varieties. The flowers are brilliant scarlet,..... 20

**PETUNIA, New Large Flowered Yellow Throated**: This new introduction has proved a remarkably fine acquisition. 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,..... 25

**ZEALACITUM variegata New Striped variegated Maize**: This variety surpasses the variegated Japanese Maize by a more compact growth and in the broader gracefully drooping leaves, which are very regularly striped with white. It is very effective in combination with canna and other foliage plants,..... 15



ZEBRA ZINNIA.  
( $\frac{1}{2}$  natural size.)

**DOUBLE ZINNIA, New Mammoth**: A particularly fine new class of Zinnias, differing from the older ones in its unusually robust habit of growth and the immense size (5 to 6 inches) of its perfectly formed very double flowers of various striking colors. The plants rise to a height of 3 to 3 $\frac{1}{2}$  feet, are clothed with luxuriant foliage and bloom freely during a long period. Being of great consistency, the flowers are uninfluenced by heat and remain in good condition for several weeks; eight beautiful varieties mixed,..... 15



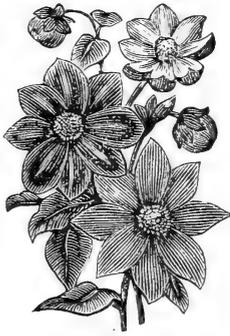
POMPON ZINNIA.

and fairly covered with flowers; mixed colors,..... 10

**DOUBLE ZINNIA, New Dwarf**: The plants are of a very dwarf compact growth, flowers of medium size and of the most brilliant colors, and in great abundance; fiery scarlet, pure white, purple, orange, lemon, buff, and many other colors mixed,..... 10

**A SPECIAL REQUEST.**

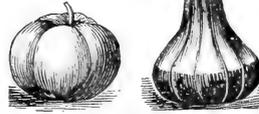
I publish my catalog annually in January, and mail a copy to all who ordered seeds the previous year, without their asking for it. I hope that each one will find something among the many good things offered that they want, and send at least a small order, if only a ten cent one, so that their names will appear on my books for a catalog next year. If you only want a few seeds, do not hesitate to order them because the order is small, for I always fill small orders just as carefully and cheerfully as large ones, although of course the larger the better. But should you not desire anything yourself this year, please do me the great favor to hand this catalog to some friend who is in the habit of ordering seeds away from home, and if you will, at the same time, say a good word for my seeds, I shall be doubly obliged; and if you desire a catalog next year, please let me know and I shall be glad to keep your name on my books.



NEW SINGLE DAHLIAS.  
( $\frac{1}{8}$  natural size)



CALIOPSIS



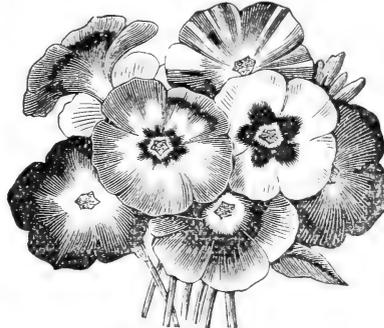
ORNAMENTAL GOURDS.



HELIPTERUM SANFORDI.



BARTONIA AUREA.



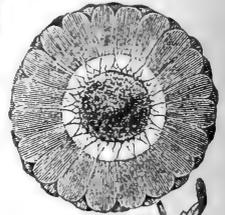
PHLOX DRUMONDII.



CROWN ASTER.



IMPROVED POPPIES.



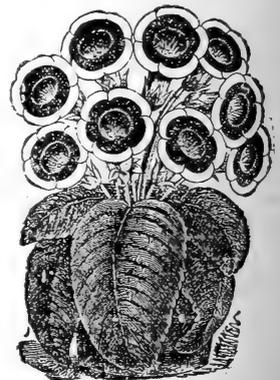
ANNUAL  
CHRYSANTHEMUM.  
( $\frac{1}{2}$  natural size.)



COCCINEA INDICA.



CAMELLIA FL- PERFECTION BALSAM.  
( $\frac{1}{2}$  natural size)



GLOXINIA GRANDIFLORA.  
( $\frac{1}{8}$  natural size.)

# ANNUALS

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.

**ABRONIA:** Trailing plants resembling the Verbena, with clusters of sweet-scented flowers. Remove the husk before sowing the seed.  
*umbellata*, rose lilac..... 10  
*arenara*, pure yellow..... 10  
**ADONIS:** Very pretty plants with finely divided foliage, and doing well in partial shade; 12 to 18 inches tall; blood red flowers ..... 5  
**AGERATUM:** Pretty, hardy annual, with abundance of flowers through the season; fine for bouquets; four colors mixed..... 5  
*Lasseauxii*: Very fine pink flower..... 10  
**ALONSOA grandiflora:** Small, but exceeding brilliant scarlet flower; sow under glass; two feet tall..... 5  
**ALYSSUM maritimum**, (*Sweet Alyssum*): A well known hardy annual, with clusters of small, white flowers all summer; good for beds and exceedingly fine for bouquets..... 5  
**AMARANTHUS:** Ornamental foliage plants producing a fine effect when grown in beds or masses. The leaves are maroon, red, green and yellow, often curiously variegated. Do best in soil not too rich.  
*saticifolius*, (*Fountain Plant*) long, narrow, wavy leaves; three feet in height..... 5  
*tricolor*, (*Joseph's Coat*), red, yellow and green leaves; 2 feet..... 5  
*melancholicus ruber*, blood red; 18 inches.. 10  
*Henderi*, maroon foliage; 2 feet..... 10  
*Gordoni*, bronzy maroon foliage, the top of the plants brilliant crimson; extra fine..... 10  
*bicolor ruber*, lower half of leaf fiery red, upper half maroon; 3 feet..... 5  
*monstrosus*, (*Mammoth Princes Feather*.) immense heads of blood-red flowers..... 10  
*candatus*, long, drooping spikes of blood-red flowers; excellent for decorative purposes. 5  
**AMBROSIA mexicana:** Bears graceful sprays of small white flowers, and is very valuable for bouquets..... 5  
**ANAGALLIS grandiflora:** Small, very brilliant scarlet, blue and lilac flowers in constant profusion; six inches tall; mixed colors ..... 5  
**ANTIRRHINUM majus**, (*Snapdragon*): One of the best and most popular of the hardy perennials; blossoms abundantly all summer and until hard frosts in autumn; flowers in spikes and very brilliant. Plants may be set 8 or 10 inches apart. Ten of the best and brightest varieties mixed..... 5  
*Tom Thumb*, very fine; 6 inches; mixed.... 5  
**ARCTOTIS breviscarpa:** A fine annual with large orange yellow flowers; 18 inches tall... 5  
**ARGEMONE** (*Frickly Poppy*): Large yellow and white flowers; 2 feet..... 5  
**ASPERULA azurea setosa:** An exceedingly pretty hardy annual, as useful as Sweet Alyssum, producing clusters of small, light-blue, sweet-scented flowers in profusion; about 10 inches in height, and plants may stand 6 inches apart..... 5  
**ASTER:** The Aster is one of the best and most popular of our hardy annuals, and no garden should be considered complete without a good collection of this beautiful flower. The tall varieties should be set about a foot apart, and the little Dwarf Bouquet 5 or 6 inches. Make the soil rich and deep for Asters.  
*Truffaut's Pæony-flowered*, splendid large flowers, the petals slightly incurved; 2 feet tall; 12 colors mixed..... 10  
*New Rose*, a magnificent variety, and one of the very best; flowers large and very double, with the petals finely imbricated; 2 feet; 15 bright colors mixed..... 10

*Imbrique Pompon*, flower small but very double and perfect in form, of bright colors and freely produced; a very distinct and fine variety; 18 inches; 20 colors mixed..... 10  
*Blood Red*, very dark blood-red and perfectly double..... 10  
*Dwarf Queen*, a remarkably handsome Aster, growing 8 to 10 inches in height, each plant bearing about a dozen very large and perfectly double flowers; crimson and white mixed..... 15  
*Pompon Crown*, small, very double flowers of various colors, with white centers; extra fine; mixed colors..... 10  
*Cocardeau, or New Crown*, a beautiful variety; flowers large, double, with white-quilled centers, surrounded with flat petals of another color; 12 inches; mixed..... 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  
*Newest Dwarf Bouquet*, a fine variety for 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 Pæony Perfection*, a new class of Asters of dwarf habit producing exceedingly double, medium sized flowers..... 10  
*Lilliput-flowered*, bears a profusion of small, double flowers; mixed colors..... 10  
*Tall Chrysanthemum-flowered*, splendid 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; 15 colors mixed..... 15  
*New Dwarf Victoria*, one of the finest of the dwarf Asters, with very double globular flowers; mixed colors..... 10  
*Pæony-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..... 15  
*Betteridge's Prize*, a strong, branching plant, with regularly quilled flowers; the best quilled sort; mixed colors..... 10  
*Original Chinese*, very large, semi-double flowers, with long petals; mixed colors..... 10  
**BALSAM:** The Balsam is a magnificent half-hardy annual, the tall varieties growing some 2 or 3 feet in height, and in bloom from June till frost, the branches being completely covered with flowers which resemble roses and camelias. 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 pruned or the flowers are too much 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 be completely covered with flowers.  
*Camelia-flowered Pæony Perfection*, a new and greatly improved 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

- BARTONIA aurea:** Showy, brilliant golden yellow flowers, one foot tall. Sow where they are to grow. 5
- BRACHYCOME iberidifolia,** (*Swan River Daisy*): A very pretty little hardy annual, producing an abundance of white and blue flowers; 8 inches; mixed colors. 5
- 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 foot apart; blue and white, **Roeli**, a new species, with azure blue and white flowers which are double the size of the old varieties; mixed colors. 10
- CALENDULA 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 novel and elegant appearance. Seeds may be sown either under glass or in the open ground, and the plants set a foot apart. 5
- CALLIOPSIS:** A very showy class of hardy annuals, blooming abundantly; flowers of a great many shades of yellow, orange and rich brown, often finely spotted. The plants grow from 1 to 2 feet in height, and may be set about 10 inches apart; mixed colors. 5
- CANNA:** Beautiful foliage plants, with large, broad leaves and scarlet or yellow flowers. Soak the seed in warm water for 48 hours, before sowing, and sow under glass early; many varieties, mixed. 10
- CANDYTUT:** An old and popular hardy annual of easy culture; makes beautiful beds 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. 5
- Dunnett's Dark Crimson,** 5
- New Carmine,** the brightest in color of all. 5
- New Dwarf Varieties,** mixed; very fine. 10
- Dwarf White,** exceedingly fine variety, each plant forming a compact bush 4 or 5 inches tall and a foot in diameter, completely covered with clusters of white flowers, remaining in bloom much longer than the old sorts. 10
- CACALIA,** (*Tassel Flower*). Tassel shaped, scarlet and yellow flowers; 18 inches tall; mixed colors. 5
- CENTRANTHUS:** Very pretty plants, with large clusters of small flowers; rose color and white, mixed. 5
- CAMPANULA speculum,** (*Bell Flower*): Bears numerous small blue and white flowers. Set plants 4 or 5 inches apart; mixed colors. 5
- CELOSIA cristata** (*Cockscomb*): A very curious half-hardy annual, blooming from July until frost. They should have good, rich soil, and will well repay any extra care given them in the increased size and beauty of the combs. Set plants 15 inches apart; mixed colors. 5
- New Japan,** a very beautiful variety, the combs delicately cut, and of the brightest scarlet and crimson; 2 to 3 feet tall. 5
- plumosa superba,** an elegant variety, bearing magnificent feathery plumes of brilliant scarlet flowers; a very valuable bedding plant. Sow seed as early as possible in boxes or a frame, and set the plants a foot apart in a good rich soil. 10
- CENTAUREE,** (*Bachelor's Button*): A genus of very fine hardy plants, the colors varied and bright; mixed colors. 5
- CINERARIA maritima,** (*Dusty Miller*): A beautiful white-leaved foliage plant much used for bedding. Start seeds early under glass. 5
- CHRYSANTHEMUM:** The annual varieties of the Chrysanthemum are among the most showy of 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. 5
- CLARKIA:** Fine and pretty hardy annual, blooming profusely in early summer. Sow seed in the open ground where they are to bloom as soon as possible, and thin plants to 5 or 6 inches apart. The colors are purple, rose, crimson, white, magenta, magenta edged white, etc. Finest mixed, double and single, of every shade. 5
- COLLINSIA:** Fine hardy annual 18 inches tall; with rose, white and purple flowers in large whorls; mixed colors. 5
- CONVOLVULUS minor,** (*Dwarf Morning Glory*): One of the prettiest of hardy annuals, producing an abundance of flowers through the summer and autumn. The plants are of spreading habit, and may be set 15 inches apart. Blue, white, lilac, etc., mixed, **mauritanicus,** very pretty for hanging baskets; of a delicate lilac color. 10
- CREPIS:** A desirable annual with good double yellow, pink and white flowers; 1 foot in height; mixed colors. 5
- DATURA:** Large branching plants about two feet tall, with magnificent yellow, violet and white 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. 10
- 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 in boxes in the house, bloom almost as early as plants from the tubers, and frequently produce as fine flowers. Seeds saved from a large collection of the finest named double varieties. 20
- New Single:** The new single varieties of Dahlia have become very popular and can be highly recommended for bedding, and are especially valuable for bouquets. They bloom very freely and are of all the colors of the double varieties. Finest mixed, from the largest and best collection in Europe. 15
- Zimpani,** a very singular species of Dahlia with small single flowers of a dark maroon color, almost black. 10
- DELPHINIUM** (*Larkspur*): Very fine and showy hardy annuals, with long spikes of flowers, and of the easiest culture. Sow as early in the spring as possible in the open ground and thin to 8 inches apart. Ten of the finest double varieties and colors, all mixed **formosum,** a splendid hardy perennial, producing spikes of flowers which are one of the most beautiful shades of blue known in flowers; 2 feet. 5
- DIANTHUS:** These are commonly called China and Japan Pinks, and are among the most beautiful flowers now grown. The colors are very rich and varied, and the flowers 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 10 inches apart. Seed germinates readily in the open ground or under glass. My collection of Dianthus is noted for being the largest and finest in America, and has been awarded the First Prize each year during the past four, by the Massachusetts Horticultural Society.
- Chinensis,** (*China Pink*): small double flowers in large clusters; mixed colors. 5
- Chinensis albus fl.-pl.,** double white. 5
- nanus roseus fl.-pl.,** rose color; extra fine. 10
- imperialis,** (*Imperial Pink*), double mixed. 5
- imperialis albus, fl.-pl.,** double, white. 5
- Heddewigi,** magnificent single flowers from 2 to 3 inches across and of the richest colors; mixed colors. 10
- Heddewigi fl.-pl.,** double, mixed colors. 10
- atropurpureus fl.-pl.,** very large, rich dark red double flowers. 10
- albus fl.-pl.,** large, double white. 10
- nanus albus fl.-pl.,** very dwarf, with large double white flowers. 10
- nanus coccineus fl.-pl.,** dwarf, deep blood red. 10
- diadematus fl.-pl.,** (*Diadem Pink*), large double flowers of the most brilliant mark-

- ings and rich, dazzling colors; mixed colors..... 10
- Eastern Queen**, very large, white, beautifully marbled with rose and crimson; extra fine..... 10
- Crimson Belle**, very large flowers of the richest, deepest crimson; splendid sort.... 10
- laciniatus**, large, single flowers with deeply fringed edges..... 10
- laciniatus fl.-pl.**, magnificent, large double and deeply fringed flowers: mixed colors.. 10
- laciniatus atrosanguineus fl.-pl.**, large, double, dark blood red fringed flowers.... 10
- atroviolaceus fl.-pl.**, dark violet, double... 10
- striatus fl.-pl.**, double striped: extra..... 10
- pumilus**, neat dwarf variety, mixed colors, 5
- nanus fl.-pl.**, very fine dwarf, double variety, mixed colors..... 10
- All the above in splendid mixture*,..... 10
- DIDISCUS cœruleus**: An elegant annual two feet high with umbels of sky blue flowers Sow under glass..... 5
- DOUBLE DAISY**, (*Bellis perennis*): A well known hardy little plant, with small, neat double flowers in fall and early spring. Seed should be sown as early as possible, and the plants set 4 or 5 inches apart, in a cool, shady place. Best German seed, mixed colors..... 15
- Double White**, extra fine..... 15
- Longfellow**, a new variety with large red flowers..... 15
- ERYSIMUM**: Showy hardy plants 18 inches tall, with spikes of yellow and orange flowers; excellent for cutting..... 5
- ESCHSCHOLTZIA**, (*California Poppy*): A very showy hardy annual with bright yellow orange and white flowers. Sow seeds early where they are to bloom: mixed colors..... 5
- Mandarin**: A splendid variety, the inside of the petals a rich orange color, the outside dark crimson..... 10
- EUPHORBIA marginata**, (*Snow on the Mountain*): A fine foliage plant, the leaves on the top of the plants margined with pure white: 18 inches tall..... 5
- GAILLARDIA**, (*Blanket Flower*): An excellent bedding plant, of good habit and plenty of red, orange and white flowers all summer: about a foot in height, and plants should stand 15 inches apart; mixed colors..... 5
- GODETIA**: Fine, hardy plants with a profusion of showy flowers. Do best when sown where they are to flower, and thinned to 8 inches apart; mixed colors..... 5
- HELMANTHES gentianoides**: A charming profuse flowering little annual, useful for baskets or rock work: reddish-orange, 10
- GILLA**: Very pretty for masses or clumps. Sow where they are to grow and thin to 4 inches: mixed colors..... 5
- GYPSOPHILA**: Very pretty hardy annuals, bearing numerous and very graceful sprays of small flowers; very fine for beds or border, and indispensable for bouquets.  
*elegans*, white and rose, mixed..... 5  
*muralis*, dwarf, with beautiful pink blossoms..... 5
- HELLANTHUS** (*Sunflower*): Well known, stately plants, with showy yellow flowers.  
*Double*, finest double varieties, mixed..... 5  
*cucumerifolius*, a dwarf, very profuse blooming species, the flowers about two inches across, and excellent for cutting.... 10  
*argophyllus* (*Silver-leaved Sunflower*), very ornamental, with soft, downy, whitish foliage..... 10  
*Giant Russian*, of mammoth size..... 10  
*uniflorus*, very tall, of enormous size..... 5
- HIBISCUS Africanus**: Large, showy flowers, cream color, with black center..... 5
- KAULFUSIA**: Pretty plants of dwarf growth, with Daisy-like, small, white, blue and pink flowers..... 5
- LEPTOSIPHON**: Low-growing, pretty, hardy annual with a profusion of small flowers. Sow early in spring: mixed colors..... 5
- LINARIA**: A free-flowering hardy annual with spikes of brilliantly-colored flowers, 1 foot tall; transplant or thin to 6 inches; purple, orange, yellow, etc., mixed..... 10
- LIMNANTHES Douglasi**: An exceedingly pretty hardy annual, with handsome daisy-like flowers, canary yellow with a broad white margin; 6 inches tall..... 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.  
*speciosa*, sky blue, white eye..... 10  
*erinus compacta*, ultra-marine blue..... 10  
*gracilis* *compacta*, rose color..... 10  
*marmorata*, white, with sky blue border... 10  
*Finest mixed*, 8 varieties..... 5  
*cardinalis*, (*Cardinal Flower*): A splendid hardy perennial, with spikes of brilliant dark scarlet flowers, blooming the first season if sown early under glass, 2 feet..... 5
- LUPINUS**: The annual Lupins are very showy plants with long spikes of pea-shaped flowers of various shades of blue, purple, yellow and white. Plant where they are to grow; 20 sorts mixed..... 5
- LYCHNIS**: Handsome and showy hardy perennials. Sow seeds early.  
*Chalcedonica*, scarlet and white, mixed.... 5  
*grandiflora*, very large and brilliant; 10 inches tall: scarlet, vermilion, rose, orange, white, etc., mixed..... 10
- MALOPE GRANDIFLORA**: A splendid hardy plant with large purple and white flowers. Sow seeds early: two feet tall..... 5
- MARIGOLD**: For masses of yellow there is nothing finer than the marigold. The African are tall, with large flowers, and the French varieties bear numerous small, double flowers, often finely striped with brown.  
*African Marigold*, finest mixed..... 5  
*French Marigold*, tall sorts, finest mixed.. 5  
*French Marigold*, dwarf sorts, finest mixed, 5  
*signata pumila*, a very showy plant, growing about 2 feet tall, as round as a ball and completely covered with hundreds of small single flowers of a bright yellow..... 5  
*signata pumila*, (*Golden Ring*): Like the above, except that it is of dwarfer growth, and the flowers are of a rich golden yellow with orange center. The finest of all for bedding..... 5
- MESEMBRYANTHEMUM crystallinum** (*Ice Plant*): A curious half hardy annual. The leaves seem to be covered with crystals of ice; of trailing habit: very fine for baskets... 5
- MIGNONETTE**, *Sweet*, (*Reseda odorata*): Well known fragrant, hardy annual..... 5
- Miles' New Spiral*, has proved one of the best. The plants are of a compact habit, with long spikes closely set with flowers. Plants should stand at least 18 inches apart to become fully developed..... 10
- MIMULUS**, (*Monkey Flower*): Very free-flowering low plants with elegantly spotted flowers: splendid for house culture and good in the garden. Sow seeds in the house.  
*hybridus tigrinus*, splendidly spotted.... 10  
*tigrinus alb.*, white ground spotted crimson..... 10  
*tigrinus fl.-pl.*, double, brilliant yellow, spotted, striped and mottled with crimson. 10  
*moschatus*, (*Musk Plant*), yellow..... 10
- MIRABILIS 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 Azaleas; 2 feet tall; 8 varieties, mixed..... 5  
*loniflora* (*Jockey Club*), very long, white and purple sweet scented flowers..... 5
- MOLUCELLA Lævis**, (*Shell Flower*): A very singular hardy annual, a native of Syria, with curious shell-like flowers..... 10



ACROCLINIUM.



SCHIZANTHUS.



CLYAMEN.



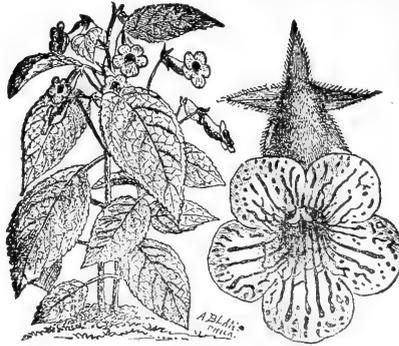
AGERATUM.



NEWEST DWARF BOUQUET ASTER.



ANTIRRHINUM.  
(Snapdragon.)



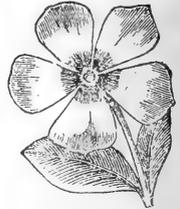
TYDFE.



TRITOMA  
GRANDIFLORA.



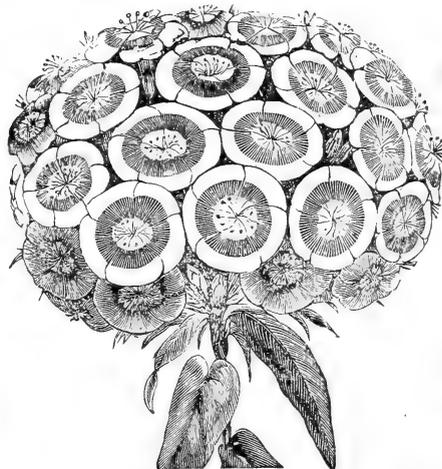
FLOWER OF ROSE ASTER.  
( $\frac{1}{2}$  natural size.)



VINCA.



CINERARIA  
GRANDIFLORA.  
( $\frac{1}{2}$  natural size.)



IMPROVED SWEET WILLIAM.  
( $\frac{1}{2}$  natural size.)



DATURA.  
(1-6 natural size.)



COLEUS.

**MYOSOTIS**, (*Forget-me-not*): Well known hardy perennials, with clusters of small delicate flowers. Bloom first season if sown early.

*alpestris*, blue, white and rose mixed,..... 5

*alpestris grandiflora*, very large, sky blue, 10

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

*semperflorens*, splendid new large-flowered variety of the last,..... 10

*flora albo*, large white flowers,..... 10

*syriatica*, (*Cliveden Forget-me-not*) deep blue,..... 10

*dissitiflora*, large, dark blue; splendid for bedding,..... 15

*Azoricæ, cælestina*, sky blue,..... 10

**NEMOPHILA**: A very pretty hardy annual, 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**: Very curious hardy annuals with large, showy blue and white flowers and finely divided leaves: mixed colors,..... 5

**NYCTERINA**: Small plants with very pretty star-shaped, sweet-scented flowers; mixed colors,..... 5

**NIEREMBERGIA**: Profuse blooming little plants, with white, lilac-shaded flowers; fine for house culture, small beds or edgings,..... 10

**OBELISCARIA pulcherrima**: showy plants, with large velvety-crimson flowers, edged with yellow,..... 5

**GNOTHEA**, (*Evening Primrose*): Showy, hardy plants, which open their flowers suddenly about 6 o'clock in the evening.

*acaulis alba*, a very dwarf plant, producing exceedingly beautiful pearly white flowers, about 4 inches across,..... 5

*Lamarckiana grandiflora*, produces an abundance of large, yellow flowers, 4 inches across; very showy, hardy biennial, blooming first season if sown early,..... 5

**OXYURIA**: *chrysanthemoides*. A remarkably fine and very hardy plant, with Daisy-like lemon yellow flowers, edged with white, 1 foot in height,..... 5

**PALAEFOXIA Hookeriana**: Rosy crimson, dark-centered flowers; fine,..... 5

**PANSY**: The Pansy is one of the most beautiful and popular flowers in cultivation. It may be called a perpetual bloomer, for a bed is never without flowers while the ground remains open, though they are usually small during the heat of the summer. There is no danger of making the soil too rich for Pansies, and they should have an abundance of water if large flowers are wanted. Plants from spring sown seeds produce their largest flowers in the autumn of the first and spring of the second year, after which the plants become exhausted, and new ones should be obtained from seed.

*Pansy*, common mixed, a fine variety,..... 10

*Diamond strain*, the finest ever offered. See novelty list for description and prices.

**PERILLA Nankinensis**: A dark leaved foliage plant of great beauty, resembles the Coleus, and is easily grown from seed; leaves dark purple or deep 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, 10

*Emperor strain*, see novelty list.

*Double*: The double Petunia bears no seed, and seed that will produce a fair proportion of double flowers is produced 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 particular care taken to save the smallest, weakest plants, as these are the ones that produce the finest double flowers. Packets of about 50 seeds, first quality,..... 25

*Double Fringed*, produces from 10 to 25 per cent. of large, double and beautifully fringed flowers. Packet of 50 seeds,..... 35

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

**PHLOX DRUMMONDII**: This is without exception, the most brilliant and beautiful 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.

*Pure White*,..... 10

*Brilliant Crimson*,..... 10

*Blood Purple*, very dark,..... 10

*Light Yellow*,..... 10

*All colors mixed*, 15 varieties,..... 5

*grandiflora*, a great improvement on the common varieties, the flowers being larger and of round perfect form; 15 colors mixed, 10

*New Dwarf*, very bushy, only 5 or 6 inches tall, and completely covered with small 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,..... 10

**POLYGONUM orientale**, (*Princes Feather*): An old, very showy plant from 5 to 8 feet tall, bearing graceful drooping panicles of red and white flowers; mixed colors,..... 5

*New Dwarf*, a beautiful dwarf variety of the above,..... 5

**PLATYSTEMON Californicum**, an elegant low growing plant with Phlox-like cream-colored flowers in abundance,..... 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 Peonies, very double, and of great variety of colors; choicest mixed, of every variety and shade,..... 5

*umbrosium*, a new variety, with large, showy, single flowers of an intense scarlet color; with a large coal black spot at the base of each petal; one of the best,..... 10

**PORTULACA, grandiflora**: For brilliant dazzling colors, nothing can excel a bed of Portulaca when in full bloom. The colors are numerous and produced in profusion all summer. Easily transplanted at any stage of its growth, even when in full flower. The seed germinates slowly, requiring considerable heat, and care must be taken that the surface does not get dried out, which will surely ruin the seed. Seed often fails to germinate from this cause, especially when sown in the open ground. Ten colors mixed,..... 5

*Double rose-flowered*: A perfectly double variety of the above, the flowers closely resembling small roses. Everybody who sees a bed in bloom is delighted with it. About one-half of the plants from seed of first quality will usually produce double flowers. To make a bed of all double flowers, set plants when small 3 inches apart, and as soon as they show flower transplant the double ones to a bed where they are to bloom, setting the plants 8 inches apart. Eight fine colors mixed, first quality,..... 10

**RICINUS**, (*Castor Oil Bean*): A class of ornamental foliage plants of great beauty and quite a tropical appearance; leaves very large sometimes 2 feet in diameter; fine as single specimens, or in small groups; plant the seed in the open ground about the middle of May, in this latitude, and give the plants good rich soil, and plenty of room. Five varieties, mixed,..... 10

**SALPINGLOSSIS**, (*Velvet Flower*): An exceedingly fine hardy annual that deserves more extended culture than it receives. The flowers are bell-shaped, of very rich and varied colors, the texture of the petals resembling the richest velvet. About 2 feet tall and the plants should be set or thinned to 8 inches apart. Do best in sandy soil; all colors mixed,..... 5

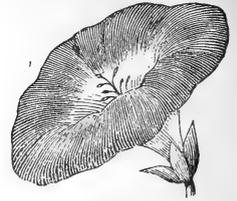
*grandiflora*, a new variety, with flowers twice the size of the old, and of a great variety of rich colors; mixed colors,..... 10



ABRONIA.



DOUBLE DAISY.



CONVOLVULUS MINOR.  
(Dwarf Morning Glory.)



CHINESE PRIMROSE.



SALPIGLOSIS (Velvet Flower).



DOUBLE PORTULACA.



CALCEOLARIA.



MIRABILIS JALAPA.  
1/2 natural size.



MIMULUS TIGRINUS.



TEN WEEKS STOCK.



HELICHRYSUM.



SEEDLING GLADIOLI.



CHINESE YAM, OR CINNAMON VINE.



MAURAI DIA.

**SALVIA**, (*Flowering Sage*): Very beautiful half-hardy plants, remarkable for the brilliancy of their colors. Sow seed early in a frame, or the house, if possible, and transplant 13 inches apart after the weather has become warm, ..... 10  
*splendens*, large flowers in long spikes, and of the brightest scarlet, ..... 10  
*coccinea splendens*, scarlet, ..... 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, ..... 25  
**SEDUM**, (*Stone Crop*): Very interesting plants bearing a profusion of star-shaped flowers; very fine for rock and rustic work, ..... 10  
**SCABIOSA**, (*Mourning Bride*): This old hardy annual deserves a place in every garden, being very showy and of a great variety of colors, ranging from white to almost black. For cutting for bouquets there is nothing finer. Plants should be set a foot apart.  
*Double Tall*: 18 inches; mixed colors, ..... 5  
*Double Dwarf*: 1 foot; extra fine; mixed colors, ..... 5  
**SENECIO elegans**, *A. pl.*, (*Jacobea*): A beautiful annual with double flowers of various colors and of easy culture; mixed colors, ..... 10  
**SAPONARIA Calabrica**: Very fine free-flowering dwarf plant, with small white and pink flowers; mixed colors, ..... 5  
**SCIZANTHUS**, (*Butterfly Flower*): An exceedingly pretty half hardy annual, growing about 2 feet in height, and literally covered with small, curiously spotted and mottled flowers, resembling small butterflies; 10 varieties mixed, ..... 5  
**SENSITIVE PLANT**, (*Mimosa pudica*): A tender annual of spreading habit, with pretty foliage; the leaves when touched, suddenly close and droop in a most curious manner, ..... 5  
**STOCK**, *Ten Weeks*: Beautiful and popular hardy plants, with splendid spikes of double fragrant flowers. Seed germinates easily either in the house or garden. If transplanted, do so when the plants are quite small, setting them a foot apart. Best German seed, 15 colors mixed, ..... 10  
**SILENE armeria** (*Lobel's Catchfly*): A pretty plant with clusters of pink and white flowers; fine for cuttings, ..... 5  
**STOCK**, *Virginian*, (*Cheiranthus maritimus*): A very profuse blooming hardy annual of easy culture, with a profusion of small white, yellow and red flowers; 8 inches tall; mixed colors, ..... 5  
**TROPEOLUM minus**, (*Nasturtium*): A splendid class of half-hardy annuals, with flowers of many shades of yellow, orange, scarlet and vermilion, often finely spotted. They make very brilliant beds, and flower best in rather poor soil; 10 inches in height; set plants 10 inches apart; 9 varieties mixed, ..... 5  
*Nine colors separate*, sulphur spotted with maroon, orange and vermilion, yellow, rose, crimson, maroon, scarlet, ruby red, light red, light yellow; each color, ..... 10  
*Empress of India*, a variety of a deeper, more brilliant scarlet color than any other; dark foliage, ..... 10  
**VERBENA**: One of the best and most popular bedding plants in cultivation. Plants grown from seed flower better and make stronger, healthier plants than from cuttings, and are often quite fragrant. A seedling Verbena, if given good, rich soil, will cover a space of 4 or 5 feet in diameter, and be a mass of flowers all through the season. Start the seeds as early as possible, and set the plants at least 18 inches apart.  
*hybrida*, saved from my collection, containing more than a hundred varieties of every shade known in the Verbena, ..... 10  
*Pure White*, always true to color, ..... 15  
*cerulea*, blue shades mixed, ..... 15  
*Scarlet*, finest scarlet and bright red shades mixed; true, ..... 20  
*strata*, various colors and finely striped, ..... 15  
*Montana*, a hardy perennial species with a profusion of rosy purple, very fragrant flowers, ..... 10

**VENIDIUM calendulaceum**: A showy annual of dwarf habit, with golden yellow flowers, ..... 5  
**VISCARIA**: A handsome hardy annual a foot tall, with various-colored flowers; mixed colors, ..... 5  
**VINCA**: A splendid house and bedding plant with Phlox-like flowers and glossy green leaves; sow seeds early under glass; 18 inches tall.  
*rosea*, fine rose color, ..... 10  
*rosca alba*, very handsome, white with rosy eye, ..... 10  
**WITTLAVIA**: A profuse blooming, hardy annual of low spreading growth, with very pretty bell-formed blue and white flowers, ..... 5  
**ZINNIA**, *Double*: A magnificent half hardy annual, producing an abundance of flowers, which are as large and double as the Dahlia, the same flower keeping in perfection two months. Plant branching about 2 feet in height. Set plants 18 inches apart; eight fine colors mixed, ..... 10

## 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 as soon as they begin to run.  
**ABOBRA viridiflora**: Highly ornamental, bearing small scarlet fruits; 10 feet, ..... 10  
**BRYONOPSIS laciniata**: Elegant foliage and small, green-striped fruits, turning to red, striped with white; 10 feet, ..... 5  
**CALAMPELLIS scabra**: A beautiful plant with racemes of bright orange flowers. Sow seeds under glass; 6 feet tall, ..... 5  
**CARDIOSPERMUM halicacabum**, (*Balloon Vine*): Very ornamental, with singular inflated, balloon-like seed capsules. Sow under glass; 5 feet, ..... 5  
**COBEA scandens**: A beautiful half-hardy plant, growing 20 or 30 feet in a season; flowers large, purple, bell-shaped. Start the seeds as early as possible in the house, and set them *edge-wise*, and do not water unless the earth gets very dry, otherwise they are apt to rot, ..... 10  
*alba*, a rare and beautiful white variety of the above, ..... 20  
**CONVOLVULUS major**, (*Morning Glory*): A well-known and very popular hardy climber of rapid growth, with splendid large flowers of a variety of colors; all colors mixed, ..... 5  
**COCCINEA Indica**: Very handsome ivy-like, smooth, glossy leaves, and large, white flowers, which are followed by deep scarlet fruits; 8 feet, ..... 10  
**CUCUMIS dipsaceus**: An interesting climber with oval yellow fruits; 10 feet, ..... 10  
**CYCLANTHERA explodens**: A rapid-growing climber, with pretty, oval fruits, which explode with a noise when ripe, ..... 10  
**DOLICHOS lablab**, (*Hyacinth Bean*): A good climber, with purple and lilac flowers, ..... 5  
**ECHINOCISTIS lobata**: A very strong, rapid-growing climber, with ivy-like leaves and large clusters of whitish flowers in profusion all summer. Seed must be planted in the fall, or well soaked in warm water, ..... 10  
**IPOMEA**: One of the best of the climbers, with splendid large flowers resembling the Morning Glory, but much larger and of more brilliant colors; mixed colors, ..... 10  
*Quamoelit*, (*Cypress Vine*): Elegant foliage and small, bright scarlet and white flowers. Soak the seed well in warm water and sow under glass early; mixed colors, ..... 5  
*hederefolia*, (*New Ivy-leaved Cypress Vine*): bright scarlet flowers in great profusion, ..... 10  
**LOPHOSPERMUM scandens**: One of the finest of climbing plants, with bell-shaped rosy-carmine flowers; 6 feet; sow in boxes, ..... 10  
**MAURANDYA Barclayana**: A beautiful climber, with bell-shaped flowers and neat, abundant foliage; 6 feet; mixed colors, ..... 10

- MUKIA scabrella**: A fine climber, of rapid growth, with heart-shaped leaves and scarlet berries..... 10
- ORNAMENTAL CUCUMBERS**: Very fine climbers with highly ornamental fruits of various curious forms and colors. Balsam Pear, Balsam Apple, Gooseberry formed, Serpent-fruited, and several other sorts..... 10
- ORNAMENTAL GOURDS**: 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 many other sorts mixed..... 5
- Japanese Nest Egg**, a new variety of Gourd having highly ornamental fruits that so nearly resemble hens' eggs in size, form and color, that even the "biddies" are deceived. When ripe they will not freeze or break, and make the best nest eggs. Plant in rather poor soil, and treated like squashes. If soil is rich they grow too large..... 10
- PHASEOLUS coccinea** (Scarlet-runner Bean): Well-known climber, with brilliant scarlet flowers..... 5
- SWEET PEAS**: A well-known and very fragrant hardy annual. Plant in rows or 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..... 5
- Twelve colors separate.*—White, pink and white, blush, purple, dark red, scarlet invincible, purple striped, black, light blue and purple, blue-edged, scarlet striped white, pink.—each color, per oz., 15 cts; pkt Collection of 12 colors, one packet of each, 75 cts..... 10
- THUNBERGIA**: A very ornamental free-flowering tender annual; exceedingly fine for baskets, and does well in the garden; sow seed in a frame or boxes; 4 feet; mixed colors..... 10
- TROPEOLUM majus**: One of the very best and easiest grown of the climbers, succeeding in any garden soil. The flowers are of many shades of yellow and scarlet, striped and spotted. 11 colors mixed..... 5
- Eleven colors separate.*—crimson, scarlet, orange, brownish blue, chocolate, yellow, scarlet-striped, light yellow, straw color spotted, purple violet, maroon,—each color, per grainum (Canary-bird Flower): Bears a profusion of small, bright yellow flowers; very fine; 15 feet..... 10
- Lobiannum**, a beautiful species, with very brilliant flowers of various colors especially fine for house culture, and good in the garden; 10 feet..... 10
- VICIA Gerardii**: A very pretty climber with violet flowers; 6 feet..... 5

EVERLASTING FLOWERS.

- The Everlasting Flowers are a very valuable and beautiful class, keeping their natural form and color for many years. The flowers should be cut when in the bud, or as soon as they begin to open, and hung up in small bunches so that the stems will dry straight. They may then be worked up into small bouquets, wreaths, baskets, etc., and make beautiful ornaments for the parlor. Plants of all the varieties may be set about ten inches apart.
- ACROCLINIUM roseum**: One of the most beautiful of the everlastings; bright rose color and white; mixed colors..... 5
- New Double*, a splendid double variety of the above..... 10
- AMMOBIUM grandiflorum**: This is a valuable addition to the Everlasting flowers, being double, pure white and twice the size of the old variety..... 5
- GOMPHRENA globosa**, (Globe Amaranth): The best known of the Everlasting flowers. Do not pick until the flowers are fully grown. Mixed colors..... 5
- HELICHRYSUM monstrosum**: One of the very best and most showy of the Everlastings; flowers very large and double and of many bright colors; 2 feet; mixed colors..... 5
- HELIPTERUM Sanfordi**: A very choice variety, each plant bearing a good many large clusters of small, rich golden-yellow flowers..... 10
- RHODANTHE**: Very elegant and delicate rose colored, white and maculated flowers; mixed colors..... 10
- XERANTHEMUM**: Purple and white double bell-shaped flowers; mixed colors..... 5

ORNAMENTAL GRASSES.

- The Ornamental Grasses are very useful for working up with the Everlasting Flowers. 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..... 10
- 25 finest Annual sorts, mixed*..... 10
- 15 finest Perennial sorts, mixed*..... 10
- ERIANTHUS Ravenne**: A beautiful hardy perennial grass, growing 10 feet in height with elegant plumes of flowers a foot in length; very fine as single specimens for lawns; blooms second season..... 10

PERENNIALS.

The varieties under this head mostly flower in the spring and summer of the second year, from seed, and most of them continue in perfection for many years. Seeds may be sown at any time in the spring; and as they mostly require two or three weeks to germinate, particular care should be taken to keep the ground entirely shaded from the sun and well watered until they come up. Set the plants a foot apart in any unused corner of the garden the first year, and transplant to the beds where they are to bloom, early in the fall or spring. It is well to protect them during winter with a slight covering of leaves, straw, or evergreen boughs.

COLLECTION OF PERENNIAL FLOWER SEEDS.  
PRICE, 30 CENTS.

- For 30 cents I will send all of the following 12 varieties, one packet of each: *Aquilegia*, 30 varieties mixed; *Cantebury Bells*, double and single, mixed; *Delphinium*, mixed colors; *Clove Pinks*; *New Spotted Foxglove*; *Ipomopsis*; *Pyrethrum Ros-um*, mixed colors; *Improved Sweet William*, all varieties in splendid mixture; *Double Feverfew*; *Sweet Rocket*; *Perennial Poppies*, mixed colors; *Veronica*, mixed colors.
- ACHILLEA ptarmica fl.-pl.** (Millflower): Of dwarf, spreading habit, with a profusion of small, double, pure white daisy-like flowers..... 10
- ADLUMIA cirrhosa**, (Mountain Fringe): A very fine biennial climber, with graceful foliage and clusters of small tubular pink flowers 8 feet..... 10
- purpurea*, purple flowers; very fine..... 10
- ACONITUM napellus**, (Monkshood): Showy plants, doing well in shade; blue and white..... 5
- ALYSSUM saxatile compactum** (Gold Dust): A charming little plant with golden yellow flowers..... 10

**ARMERIA maritima**, (*Sea Pink*): Very hardy plant, much used for edging; rosy pink 6 inches,..... 10

**AQUILEGIA**, (*Columbine*): An old, hardy perennial, producing fine flowers of a great many colors; 30 varieties mixed,..... 5

**caerulea**, flowers 2 or 3 inches in width and as much or more in length; sky blue with white centers; 3 feet tall. This and the following are the finest of all the Aquilegias,..... 10

**caerulea hybrida**: Flowers very large, the center petals yellow, while the spurs and sepals are of a beautiful porcelain blue,..... 10

**chrysantha**, like the above except in color, which is a beautiful canary yellow; remains in bloom a long time,..... 5

**CAMPANULA**: These are among the best of the perennials, with large bell-shaped flowers, white, rose, blue, etc.

**Medium**, (*Canterbury Bell*), double and single mixed; eight colors,..... 5

**calycanthema**, a new and beautiful variety, with the calyx the same color as the corolla,..... 10

**grandiflora**, very large open flowers of a beautiful light blue, remaining in bloom half the summer; 2 feet,..... 10

**grandiflora alba**, white; very fine,..... 10

**persicifolia fl.-pl.**, double pink flowers,..... 15

**Carpatia**, blue and white mixed,..... 5

**CEDRONELLA cana**: Long spikes of purple flowers and fragrant foliage; 2 feet,..... 10

**CHAMEPEUCÉ Casabona**, (*Fishbone Thistle*): Glossy white-veined leaves and brown spines,..... 10

**CHELONE barbata**: An elegant plant with long racemes of scarlet Peustenou-like flowers; 3 feet tall,..... 10

**CARNATION**, (*Dianthus caryophyllus*): The most magnificent of the Pink family, fine mixed,..... 10

**Choicest mixed**, German seed from named flowers only,..... 25

**DIANTHUS plumarius**, the old original fragrant Clove Pink,..... 5

**plumarius fl.-pl.**, a fine double variety of the above,..... 15

**DELPHINIUM**, (*Perennial Larkspur*): For a mass of blue there is nothing that will equal in richness and brilliancy the Perennial Larkspur; finest mixed,..... 5

**Double**; finest double varieties mixed,..... 15

**nudicaule**, a beautiful new scarlet species,..... 10

**DIGITALIS**, (*Foxglove*): A very fine perennial, with very long racemes of drooping bell-shaped flowers; 3 feet; mixed colors,..... 5

**Ivery's New Spotted**, a great improvement on the older sorts,..... 10

**HEDYSARUM coronarium**: Racemes of pea-shaped scarlet and white flowers; very fine; mixed colors,..... 5

**HESPERIS matronalis**, (*Sweet Rocket*): Large clusters of sweet-scented white and purple flowers; 3 feet,..... 5

**HIBISCUS coccineus**: A magnificent perennial with large scarlet flowers, 4 inches across. Requires protection in the northern states during winter; 6 feet tall,..... 10

**HOLLYHOCK**, (*Athea rosea*): The most showy of all the perennials; fine mixed, double,..... 10

**IBERIS sempervirens**, (*Perennial Candy-tuft*): Very desirable perennial, bearing clusters of white flowers in May and June,..... 10

**IMPOMPENSIS**, (*Summer Cypress*): A beautiful plant, with finely divided leaves and long spikes of scarlet and yellow flowers; 3 feet tall; mixed colors,..... 5

**IRIS Kämpferi**, (*Japan Iris*): This new Iris from Japan, is the most magnificent of all the Iris family. The flowers are from 5 to 8 inches in diameter, white and many shades of rich blue and purple, often blotched and laced with yellow and white. Easily grown from seeds, whi-h germinate in 3 to 4 weeks; mixed colors,..... 10

**IRIS Germanica**, (*German Iris*): A splendid species with most elegantly spotted, reticulated and variegated flowers on rich yellow, f brown and maroon ground; finest mixed, from a choice collection,..... 10

**LINUM perenne**, (*Perennial Flax*): Very graceful and handsome: blue, yellow, white, rose, etc., mixed,..... 5

**LUPINUS**, (*Lupins*): Very showy plants, 2 to 8 feet tall, with large spikes of pea-shaped flowers of many shades of blue, yellow and white; 15 varieties mixed,..... 10

**LUNARIA biennis**, (*Honesty*): An old plant with purple flowers and curious silvery seed pods; very useful for winter bouquets; 2 feet,..... 5

**LATHRÆUS latifolius**, (*Perennial Pear*): A fine perennial climber, with large clusters of red and white flowers,..... 10

**PAPAYER**, (*Perennial Poppy*): Very showy scarlet and orange flowers, 4 inches across with large black blotches,..... 5

**POTENILLA**: These are very popular in England and should be grown more in this country. The flowers are of very brilliant and varied colors and freely produced for a long time; 1 foot; double mixed, from a choice collection,..... 15

**PRIMULA**, (*Polyanthus or Primrose*): A very interesting and beautiful class of spring-blooming flowers. Seeds require from 4 to 6 weeks to germinate, and must be sown under glass.

**elator**, choicest mixed from named flowers, 15

**Duplex**, splendid double varieties,..... 20

**Gold-laced**, yellow-edged flowers; very fine, 20

**PYRETHRUM roseum**, (*Insect Powder Plant*): A fine, hardy plant, with large Daisy-like flowers of different shades of red. The insect powder of commerce is the dried and powdered petals of the flowers; mixed colors, 10

**Parthenium fl.-pl.**, (*Double Everfew*),..... 5

**parthenium aureum**, (*Golden Feather*)..... 5

**PENTSTEMON**: One of the best of the perennials, the flowers in long spikes of very bright scarlet, rose, yellow, etc.; mixed colors,..... 10

**PERENNIAL PHLOX**: The Perennial Phlox is the best hardy perennial we have, and is especially fine for city gardens, as it does well in partial shade. If fresh seed is sown in the open ground late in the autumn, it will germinate freely early in the spring, and flower the same season. Fresh seed saved from about 40 choice sorts, sent in October and November only,..... 20

**SWEET WILLIAM**, (*Dianthus Barbatus*): The Sweet William is an old and well known flower, and has been much improved of late years. The trusses and flowers being larger and of a greater variety of rich and beautiful colors.

**Carter's Auricula-eyed**, large white centers, bordered with various shades of richest red, crimson, maroon, etc.; extra choice 10

**Double White**: new,..... 10

**Double varieties mixed**, a very fine strain, 10

**Dunnett's Dark Crimson**, a splendid sort of the deepest crimson or maroon, almost black,..... 5

**Dunnett's Dark Crimson, Double**: splendid,..... 10

**Hunt's Perfection**, very rich colors bordered and edged with white,..... 10

**Hunt's Perfection, double**, beautiful double varieties of the last,..... 15

**Hartekin**, a new variety with elegantly mottled and spotted flowers,..... 15

**Dwarf**, a dwarf compact plant, only 6 inches tall; very fine; mixed colors,..... 10

**Dwarf, double**, a double variety of the last,..... 15

**All the above varieties in splendid mixture**, making the finest strain of Sweet Williams ever offered,..... 10

**WALLFLOWER**, (*Cheiranthus Cheiri*): A very beautiful half hardy perennial with spikes of fragrant flowers resembling the Ten Weeks Stock. They require the protection of a cold-frame or pit during winter, where the winters are severe; 1 to 2 feet tall; choicest double mixed, a great variety,..... 15

**VERONICA**: Showy spikes of blue and red flowers,..... 10

**VALERIANA**: Long heads of scarlet and white flowers,..... 5

# SEEDS OF HOUSE PLANTS

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 green-house. Many of the varieties germinate as easily and quickly as the common annuals if properly treated. Fill shallow boxes (cigar boxes are just the things) nearly full with very fine, nice garden 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 pane of glass into the soil to the depth of a sixteenth or eighth of an inch, according to the size of the seeds; sow the seeds and fill up the drill with fine sandy 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 set them in a good warm place. The best place I have found for germinating small seeds 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. Very fine seeds, like *Calceolaria* and *Begonia*, should only be covered with a mere sprinkling of earth. (The above directions apply particularly to the smaller house plant seeds, but the same treatment is best for all small seeds like *Petunia*, *Portulaca*, etc.) The seeds of *Geranium*, *Cyclamen*, *Heliotrope*, *Lantana* and *Smilax* are 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. After house plants have made a little growth and as soon as large enough to handle, pot off singly in small pots and finally shift to 4, 5 or 6 inch ones, which are the right sizes for flowering. 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, and have been carefully tested, and will germinate freely if properly treated.

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| <p><b>ABUTILON</b>, (<i>Flowering Maple</i>): Choicest mixed..... 20</p> <p><b>ACHIMENES</b>: A beautiful class of plants with rich and brilliant colors; finest mixed... 25</p> <p><b>AZALEA Indica</b>: A splendid shrubby plant covered with a mass of bloom; 3 feet; choicest mixed..... 25</p> <p><b>BEGONIA Tuberos-rooted</b>: Exceedingly beautiful, profuse-blooming flowers of various shades of red and yellow; choicest mixed..... 20</p> <p><b>CARNATION Monthly or Perpetual</b>: Choicest mixed, German seed..... 25</p> <p>    <i>Choicest mixed</i>, from Alegatiere's celebrated collection, the finest in Europe..... 50</p> <p><b>CALCEOLARIA hybrida</b>: One of the grandest of house plants, bearing a mass of curious pocket-like flowers, both self and beautifully spotted and tigered varieties. Sow seeds in July or August..... 15</p> <p><b>CENTAUREA gymnocarpa</b>: A beautiful white-leaved plant, much used for edging and ribbon beds..... 15</p> <p><b>CINERARIA hybrida</b>: Nothing else will give such wealth of bloom during the winter and Spring as the <i>Cineraria</i>, with its rich and varied colors—magenta, crimson, purple, white, and variegated. They are easily grown from seeds, which should be sown from May to August; fine mixed..... 10</p> <p>    <i>grandiflora</i>: Very large flowers of the richest colors, the plants covered with a mass of bloom; choicest mixed from Benary's celebrated collection..... 20</p> <p>    <i>New Double</i>, About 20 per cent. of double flowers..... 30</p> <p><b>CHINESE PRIMROSE</b>, (<i>Pimula Sinensis</i>): The Chinese Primrose is one of the most satisfactory of house plants. The flowers are white and many shades of red, often finely spotted and striped. Plants from spring-sown seeds will bloom profusely the following winter. Cover seeds a quarter inch, keep quite moist and not too warm. Fine mixed, packet of about 25 seeds..... 10</p> <p>    <i>Choicest mixed</i>, from the finest collections of fringed, fern-leaved, and large flowering varieties in Europe; packet of about 25 seeds..... 20</p> <p>    <i>ambriata alba magnifica</i>, a beautiful new variety with large white flowers, 2 inches across, with citron eye..... 40</p> <p>    <i>flore pleno</i>, choicest mixed, produces a fair proportion of large double flowers; packet of 12 seeds..... 40</p> <p><b>COLEUS</b>: The most popular of all foliage plants, the leaves variegated with many shades of red, yellow, maroon, etc.; choicest mixed, from a large collection of named varieties..... 25</p> | <p><b>CUPHEA platycentra</b>, (<i>Cigar or Fire-Cracker Plant</i>): Scarlet, black and white; 15</p> <p><b>CHRYSANTHEMUM Indicum</b>: These popular autumn-blooming plants are as easily raised from seeds as asters. Sow the seeds in boxes early in spring, and set the plants in the open ground during summer, in good rich soil, 18 inches apart. Take them up the last of August with as much earth as possible attached to the roots, and set them in pots or boxes of very rich soil for the house, keeping them well shaded and watered for a few days. Choicest mixed, from a large collection including all the newest and finest varieties of Chinese, Japanese and Pompon varieties..... 25</p> <p><b>CLIANTHUS Dampieri</b>, (<i>Glory Pea</i>): 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. Keep the seeds very moist and warm and set the plants in the open ground in June, in warm, sandy soil. Packet of 15 seeds..... 15</p> <p><b>CYCLAMEN Persicum</b>: Splendid bulbous plants, with Orchid-like delicately colored flowers in abundance all winter. The leaves are very prettily variegated and veined, and it is sure to delight all who grow it. The seeds require from 6 to 8 weeks to germinate; choicest mixed, packet of 15 seeds..... 10</p> <p>    <i>giganteum</i>, a superb new strain, with very large flowers of various rich colors..... 30</p> <p><b>FUCHSIA</b>: Choicest mixed..... 25</p> <p><b>GERANIUM</b>: 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.</p> <p>    <i>Zonale</i> choicest mixed, from a large collection of named varieties..... 10</p> <p>    <i>Zonale variegata</i>, gold, silver, tri-color and bronze foliage, sorts; choicest mixed, packet of 15 seeds..... 50</p> <p>    <i>Double</i>, packet of 15 seeds..... 50</p> <p>    <i>Apple-scented</i>, packet of 15 seeds..... 25</p> <p>    <i>Pelargonium</i>, (<i>Lady's Washington Geranium</i>): choicest large-flowering and fancy varieties mixed, packet of 15 seeds..... 50</p> <p><b>GESNERIA</b>: These are very choice greenhouse bulbs, bearing brilliantly-colored flowers in spikes; choicest mixed..... 25</p> <p><b>GLOXINIA grandiflora</b>: Very handsome bulbous plants, producing a profusion of large bell-shaped flowers of the richest and most varied colors through the summer. Sow seeds from February to April and they will bloom from July to September; choicest mixed..... 30</p> <p><b>HELIOTROPE</b>: Finest mixed..... 10</p> |
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**HUMEA elegans**: Graceful ruby-red drooping panicles of flowers; half hardy biennial; 6 feet..... 10  
**HIBISCUS, fulgens**. (*Chinese Hibiscus*): half-hardy shrubs with gorgeous crimson-scarlet flowers, 4 inches across..... 25  
**LANTANA**: Fine shrubby plants, with clusters of Verbena-like flowers; finest mixed... 10  
**LINARIA Cymbalaria**, (*Kenilworth Ivy*): 10  
**MUSA esenete**, (*Abyssinia Banana*): This most magnificent of all greenhouse foliage plants grows from 8 to 12 feet tall, with massive leaves 4 to 6 feet long. Start the seeds under glass and plant in very rich soil in June. Plants may be wintered in a warm cellar or greenhouse..... 30

**OXALIS floribunda**: Well-known profuse blooming plants; rose and white, mixed..... 10  
**PASIFLORA carulea**, (*Passion Flower*): Magnificent evergreen shrubby climber..... 15  
**SOLANUM capsicastrum**, (*Jerusalem Cherry*): A fine old house plant, bearing bright red berries the size of cherries..... 10  
**SMILAX**: (*M. Asparagoides*): An elegant climbing plant, with glossy, green leaves. Soak seed in warm water for 48 hours before sowing..... 15  
**TYDEA hybrida**: Elegant bulbous plants, resembling the Gloxinia, and easily raised from seed; choicest mixed..... 25

## MISCELLANEOUS SEEDS.

**AGAPANTHUS umbellatus**, (*Blue African Lily*): A beautiful stately bulbous plant with spikes of large blue flowers; 3 feet..... 15  
**ANTHERICUM liliastrum** (*St. Bruno's Lily*): A very pretty hardy plant with large white sweet-scented flowers..... 15  
**AMPELOPSIS, quinquefolia**, (*Virginia Creeper, or Woodbine*)..... 10  
**AMPELOPSIS, Veitchii**, (*Japan Ivy*): This is the vine so popular for covering the walls of brick and stone buildings. Seeds germinate in about a month after sowing..... 10  
**AZALEA, mollis**: a beautiful hardy shrub..... 25  
**ARISTOLOCHIA, sipho**, (*Dutchman's Pipe Vine*): A magnificent hardy shrubby climber, with large leaves and curious pipe-formed brown flowers; 50 feet..... 15  
**BIGNONIA grandiflora**, (*Trumpet Vine*): A rapid-growing, climbing, hard shrub, with large bunches of rich orange-scarlet flowers.. 10

**CELASTRUS scandens**, (*Climbing Bittersweet*)..... 10  
**GLADIOLUS**: The Gladiolus is easily raised from seed, flowering the third year and seedlings are always of a great variety of colors; choicest mixed..... 20  
**HYACINTHUS candicans**: A species of Hyacinth, with spikes of white flowers, 3 to 5 feet tall, in August and September..... 15  
**TRITOMA grandiflora**, (*Red-hot Poker Plant*): A very handsome and showy hardy herbaceous plant, with tall spikes of bright red and orange flowers..... 15  
**WISTARIA sinensis**, (*Chinese Wistaria*): A splendid shrubby climber, with clusters of pea-shaped blue and white flowers; 30 feet... 25  
**YUCCA filamentosa**: A grand hardy plant, with a tropical aspect, bearing tall spikes of lily-like white flowers..... 15

## BULBS.

**CHINESE YAM, or Cinnamon Vine**, (*Dioscorea batatas*): A beautiful herbaceous, 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. 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 roots can be planted whole or divided in pieces, and each piece will grow. One year old roots, 25 cts. each; three for 50 cts.; eight for \$1.00. Ready early in April.

**GLADIOLI**: The Gladiolus is the best and most popular of what are called Summer Bulbs. Its tall spikes of large flowers, which are almost every shade of color, spotted, blotched 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 had in bloom from July to October.

**GLADIOLI, splendid mixed varieties**, including many fine seedlings, equal to the best named varieties. They are nice flowering bulbs and always give the best satisfaction, making a splendid display for a little money. Per dozen, 50 cts.; per half dozen, 30 cts.; per hundred, \$3.50; per thousand, \$30.00.

**GLADIOLI, named varieties**; I have a large collection of choice named varieties; prices, from 15 cts. to \$3.00 each.

**LILIES**: I select the following from a large number of varieties as the best and easiest to cultivate, and am sure they will give satisfaction to all. Plant 5 to 8 inches deep, and cover with a few inches of leaves during winter.

**LILIUM auratum**, the queen of lilies, with flowers 8 to 12 inches across, pure white, spotted with crimson, with a golden band through the center of each petal; very fragrant. Large fine bulbs, 40 cts. each, three for \$1.00.  
**croceum**, bright orange color, spotted black, **excelsum**, delicate cream or buff; each..... 25  
**lancifolium rubrum**, white, shaded with rose, spotted red; one of the very best; each..... 75  
**lancifolium album**, white..... 25  
**lancifolium, (Coral Lily of Siberia)**, brilliant scarlet; a little gem..... 50  
**superbum**, orange red, spotted black..... 40  
**tigrinum**, (*Tiger Lily*)..... 20  
**tigrinum fl. pl.**, (*Double Tiger Lily*)..... 20  
**Harisii**, the Bermuda Easter Lily, so extensively grown for church decoration at Easter; large pure white, very fragrant flowers. Plant in 5-inch pots, from September to December, for winter and spring blooming; good strong bulbs, 40 cts. each, three for \$1.00.

**TIGRIDIA**, a beautiful genus of half-hardy bulbs, with curious and showy shell-like flowers, 4 inches across. Culture like Gladioli.  
**conchiflora**, yellow and orange, spotted black; 15 cts. each, two for 25 cts.  
**pavonia**, red, spotted crimson; 15 cts., two for 25 cts.

**alba**, white, with brown spots, each..... 30  
**TUBEROSE, Pearl**: The Tuberose bears spikes of pure white, wax-like, double flowers. Plant in boxes in the house, 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, being of low growth, with larger flowers. Nice large bulbs, 15 cts. each, two for 25 cts.; per dozen, \$1.25.

# 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 claimed to be improvements on the older varieties. I have made it a rule to test these varieties in my 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 best 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. From 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.

## 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 these collections will be sent, postage paid, for \$5.00, if ordered at one time.

I shall have these collections put up ready for mailing, and *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 at the head in value; and these collections of Vegetable seeds are certainly the best ever offered for the prices. Please note that while other collections of vegetable seeds consist mainly of old varieties or untried 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.*

	Per p'ck'ge
<b>BEET, Eclipse:</b> This new Turnip Beet from Germany has acquired a high reputation among market gardeners in this country. It is as early as the Egyptian, smooth and round in form. It is of a dark rich red color, very fine grained and sweet, and an improvement on Egyptian,.....	10
<b>CUCUMBER, Nichol's Medium Green:</b> 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 and crisp, and it is remarkably productive,.....	10
<b>LETTUCE, Oak-Leaved:</b> 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 varieties, and it is very slow to run to seed,.....	10
<b>MUSK MELON, Montreal Market:</b> 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,.....	10
<b>PEPPER, Golden Dawn:</b> 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 fiery flavor; very productive,.....	10
<b>SQUASH, Coconut:</b> This, though not 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 a dozen or more. It is as handsome as any Gourd, being yellow striped with orange and green. The flesh is very fine grained, dry and sweet. It is very hardy and will produce a crop when the large varieties fail, in fact can be grown as easily as pumpkins. It is a fall sort, but keeps nearly all winter,.....	5
<b>TURNIP, Extra Early Purple-Top Milan:</b> This is the earliest flat Turnip yet produced. It has a very small top, with fine white, solid and sweet flesh and keeps in good condition all winter,.....	5
<b>EARLY CABBAGE, Peerless:</b> This superior early Cabbage is fast becoming the favorite sort among the marketmen in the eastern part of this State, where it originated. It is nearly as early as the Wakefield, very solid and uniform in size, averaging about 12 pounds each, and in quality unsurpassed by any other sort, early or late,.....	10
<b>CARROT, Danvers:</b> 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,.....	5
<b>SWEET CORN, Cory:</b> <i>The earliest Sweet Corn in cultivation.</i> Planted by the side of the Marblehead in my grounds last season, it was fit for the table nearly a week earlier than that variety, while the ears were slightly larger, and of equally good quality. It grows fit for the table in 55 days from planting,.....	15
<b>LETTUCE, Deacon:</b> 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 first-class,.....	10
<b>LETTUCE, Golden Spotted:</b> A very distinct and handsome sort, the leaves being yellowish green spotted with brown; tender and good,.....	10
<b>WATER MELON, Pride of Georgia:</b> 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, fully equal to the Peerless in quality, which is the richest of all water melons,.....	10
<b>RADISH, Chartier:</b> A very handsome, quick growing sort of the form of the Long Scarlet, the 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,.....	10
<b>TOMATO, Beauty:</b> From a great number of so-called new sorts of Tomatoes, I select 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,.....	15

- BUSH BEAN, Green Flageolet:** 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 dry, if pulled 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 by a gardener of Marblehead. It is about as early as Brunswick, much rounder in shape, extremely solid, a splendid keeper, and unsurpassed for shipping purposes. It is becoming very popular among the Boston market gardeners. . . . . 10
- CELERY, White Plum:** This is the most valuable new Celery introduced in twenty years. It is entirely distinct from other varieties, its stalk and inner leaves and heart being naturally white so that by closing the stalks during the latter stages of its growth, and keeping them in place with a little earth, or by tying, it becomes completely blanched, making its culture very easy. It is crisp and solid with a fine nutty flavor. . . . . 15
- CARROT, Guerande, or Early Oxheart:** 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 weight to the acre than most varieties. . . . . 5
- CUCUMBER, Giant Pera:** This has proved the handsomest and best long Cucumber ever raised. They grow to a length of 15 to 20 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. In quality it is first rate, tender and crisp with very few seeds, which do not form until the cucumbers are nearly full grown. . . . . 10
- LETTUCE, Green Fringed:** A very ornamental and good variety. It is of a light and peculiar shade of green, almost white on the inner parts, while the edges of the leaves are most beautifully 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 2½ feet tall, and have a peculiar branching habit, and the vines should not be nearer than 6 to 8 inches in the row. It is remarkably productive, continuing to bear for a long time, each pod containing 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 100 pounds. The rind is very hard and tough which makes it a splendid keeper and shipper. It is long in form, dark green mottled with a lighter shade. Its quality is excellent. . . . . 10
- ONION, Mammoth Silver King:** A splendid white Onion, flat in form, growing to a diameter of 4 to 7 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
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- 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 without poles. . . . . 10
- LIMA BEAN, Challenger:** This has proved a most desirable sort. 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 in the pods, from 4 to 6 beans in a pod, and are very rich and fine flavored. . . . . 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 Horticultural, but twice the size. It is fast becoming the most popular early shell bean in Boston market. . . . . 10
- SWEET CORN, Potter:** The best variety of its season, coming in about a week before the Evergreen. The ears are large, 12-rowed, exceedingly tender and sweet. This is the variety always used by the Squantum Club of R. I., in their famous clam bakes, and is sold by some seedsmen under the name of Squantum. . . . . 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
- POP CORN, New Golden:** A very handsome and fine variety, very prolific, 3 to 4 ears often growing on one stalk. Remarkably large and tender when popped. . . . . 10
- POP CORN, Early Amber:** A very distinct early variety of a beautiful amber red color, very tender and nice. . . . . 10
- CABBAGE, Netted Savoy:** This is one of the best of the Savoy varieties, and forms a good head. 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 rich orange color, very sweet and unsurpassed in quality. . . . . 10
- WATER MELON, Florida Favorite:** One of the very best of the new melons. It is of large size, oblong in form, mottled with light and dark green, early, rich and sugary. . . . . 10
- ONION, Mammoth Pompeii:** The largest variety of Onion ever introduced, specimens having been grown to weigh 3 to 4 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 4 to 5 inches long, each pod containing 6 to 9 peas, which are nearly double the size of Champion of England, and in quality fully equal to that variety. . . . . 10
- PUMPKIN, Mammoth Potiron:** 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 a little earlier and green on the outside, while the flesh is of a bright golden yellow, remarkably thick and solid, 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, averaging about 10 or 12 pounds each. In productiveness it fully equals, if not excels, the Essex. The original vine produced three squashes in a length of three feet, weighing from 8 to 12 pounds each. . . . . 10

# A NEW VEGETABLE

## The Mango Melon, or Vegetable Orange.

† This is the handsomest and one of the most useful vegetables I have ever grown. It grows on a vine like a melon and is remarkably productive, each vine bearing from 20 to 40 fruits, which closely resemble in size, shape and color an orange: The flesh is white and fine grained. Pared, sliced and fried in butter, they are excellent. For mangoes, preserves and sweet pickles no other vegetable is so good. The seed should be planted and cultivated the same as melons or cucumbers. Price, per packet, .15cts.

# 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 all who favor me with their orders may depend on receiving the very best in every respect. Those who want more than one package of a kind, 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. But it must be understood that this offer applies *only to three packages of the same variety*, 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 would be 15 cents. Persons remitting \$1.00 for vegetable seeds in packages may select seeds in packages to the value of \$1.10. Persons remitting \$2.00 may select seeds to the value of \$2.25. Persons remitting \$3.00 may select seeds to the value of \$3.45. Persons remitting \$4.00 may select seeds to the value of \$4.70. Persons remitting \$5.00 may select seeds to the value of \$6.00. These offers do not apply to collections of vegetable seeds.

<b>BEANS, BUSH VARIETIES:</b> <i>Black Wax</i> , a long time in bearing; black seed,.....	10	<b>CAULIFLOWER:</b> <i>Henderson's Early Snowball (True)</i> , the best and most reliable variety, nearly every plant producing a good head,.....	25
<i>Golden Wax</i> , very tender and fine,.....	10	<i>CITRON: New Californian</i> , very large,.....	5
<i>Dwarf Horticultural</i> , one of the very earliest and best for shelling, either green or dry,.....	10	<i>CARROT, Early Horn</i> , very early and fine	5
<b>BEANS, POLE VARIETIES:</b> <i>Dreer's Improved Lima</i> , a great improvement on the old Lima, being more productive and of better quality, while the beans grow closely together in the pods, making them easier to shell,.....	10	<i>Half-long Red Stump-rooted</i> ,.....	5
<i>Concord</i> , one of the very best,.....	10	<i>Long Orange</i> , the standard late variety,...	5
<b>CORN, SWEET:</b> <i>Marblehead</i> , the earliest of all varieties, except the Cory,.....	10	<b>CELERY:</b> <i>Boston Market</i> , one of the best,.....	5
<i>Ford's Early</i> , a little later than Marblehead, but the best in quality of all the extra early sorts,.....	10	<i>Major Clark's Pink</i> , one of the best of the red varieties and of better flavor than the white sorts,.....	10
<i>Crosby's Early</i> , ears large, 12-rowed, about 2 weeks later than Marblehead: very tender and sweet,.....	10	<b>CRESS or PEPPER GRASS:</b> extra curled	5
<i>Black Mexican</i> , 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	<b>CUCUMBER:</b> <i>Early Russian</i> , the earliest,.....	5
<i>Evergreen</i> , old, standard late sort,.....	10	<i>Early Cluster</i> , very early,.....	5
<i>Egyptian</i> , very large and the latest of all,.....	10	<i>White Spine</i> , handsome and smooth,.....	5
<b>CORN, POP,</b> the best white for parching, ...	10	<i>Tailby's Hybrid</i> , very handsome and good,.....	5
<b>PEAS:</b> <i>Little Gem</i> , the earliest and best of all the early wrinkled varieties; height, 2½ feet,.....	10	<i>Green Prolific</i> , very productive; best of all for pickles and a good table sort,.....	5
<i>Champion of England</i> , old standard sort,.....	10	<b>EGG PLANT:</b> <i>New York Purple</i> ,.....	5
<b>ASPARAGUS:</b> <i>Conover's Colossal</i> , the best variety. Soak the seed well and sow in drills two inches deep,.....	5	<b>KOHL RABI:</b> <i>Early Purple</i> ,.....	5
<b>BEEF:</b> <i>Egyptian Blood Turnip</i> , the earliest,.....	5	<b>LETTUCE:</b> <i>Ice Cabbage</i> , very large heads,.....	5
<i>Early Bassano</i> , very early, tender and sweet,.....	5	<i>All the Year Round</i> , one of the best,.....	5
<i>Early Blood Turnip</i> ,.....	5	<i>Early Tennis Ball</i> , the best early sort, forming a close, hard head,.....	5
<i>Long Blood Red</i> , for winter use,.....	5	<i>Boston Curled</i> , a beautifully curled sort,...	5
<i>Imperial Sugar</i> the sweetest of all sorts, and best for winter if sown late,.....	5	<b>LEEK:</b> <i>Large American Flag</i> ,.....	10
<b>CABBAGE, SUMMER VARIETIES:</b> <i>Early Winningsstadt</i> , one of the most reliable for heading,.....	5	<b>MELON, MUSK:</b> <i>Casaba</i> , large, long, sugary,.....	5
<i>Early Wakefield</i> , a standard variety for market,.....	5	<i>Hackensack</i> , a very popular market variety	5
<i>Henderson's Early Summer</i> , extensively grown for market,.....	19	<i>Nutmeg</i> , small, rich and sugary,.....	5
<b>WINTER VARIETIES:</b> <i>Stone Mason</i> nearly every plant will produce a good solid head,.....	10	<b>MELON, WATER:</b> <i>Phinney's Early</i> , very early, prolific: rich and sugary; one of the very best for the North,.....	5
<i>Marblehead Mammoth</i> , the largest of all; has been grown to weigh 60 lbs. each,.....	10	<i>Pearless</i> , very early and productive; the richest and finest flavored of all water-melons,.....	5
<i>Fottler's Brunswick</i> , popular for market,.....	10	<b>WATER MELON</b> , 12 varieties, mixed,.....	10
<i>Premium Flat Dutch</i> , old standard sort,.....	5	<b>MUSTARD:</b> <i>White London</i> ,.....	5
<i>Late Blood Red</i> , for pickling,.....	5	<b>ONION:</b> <i>Early Red Globe</i> , very early,.....	5
		<i>Wethersfield, Large Red</i> ,.....	5
		<i>Danvers Yellow</i> , largely grown for market,.....	5
		<i>White Globe</i> , very large, mild flavor,.....	5
		<b>OKRA or GUMBO:</b> <i>Dwarf Prolific</i> ,.....	5
		<b>PARSLEY:</b> <i>Fern Leaved</i> , very finely curled	5
		<b>PARSNIP:</b> <i>The Student</i> , very sweet variety	5
		<b>PEPPER:</b> <i>Tomato-formed</i> , very productive,.....	5
		<i>Sweet Mountain or Mammoth</i> , very mild,.....	5
		<i>Cherry-formed</i> , small, round and very hot,.....	5
		<i>Red Chit</i> , small, red, best for pepper sauce,.....	5
		<b>PUMPKIN:</b> <i>Sugar</i> , the sweetest and best for pies,.....	5
		<i>Large Cheese</i> , the best sort for field culture and good for cooking; flesh very thick,....	5

**RADISH: Red Turnip**, very early and tender,..... 5  
**Long Scarlet**, early and good,..... 5  
**French Breakfast**, of quick growth,..... 5  
**Eight Early Varieties**, mixed,..... 10  
**Chinese Rose Winter**, for winter use,..... 5  
**Mammoth White Winter**, very large and good,..... 5  
**RHUBARB: Linnæus**, early, large and tender,..... 10  
**SPINACH: Round Leaf**, the best for spring or fall sowing,..... 5  
**SQUASH, SUMMER: Yellow Bush Scaloped**,..... 5  
**Bush Crookneck**,..... 5  
**SQUASH, WINTER: Boston Marrow**,... 5  
**Turban**, first-rate for fall use,..... 5  
**Hubbard**, the standard of excellence,..... 5  
**Marblehead**, better than Hubbard in some respects,..... 5  
**Mammoth Chili**, has been grown to weigh 200 lbs.,..... 10  
**SALSIFY or VEGETABLE OYSTER:**  
 This vegetable should have a place in every garden. It is a delicious vegetable and is used in soups, also boiled and fried, and has the flavor of oysters. Sow and cultivate like parsnips. The roots may remain in the ground all winter,..... 5

**TOMATO: Livingston's Favorite**, very early, of good size, very solid, round and smooth as an apple. Among the many varieties of tomatoes, I consider this one of the very best,..... 5  
**Strauberry**, or **Winter Cherry**, a distinct species, the fruit growing in a husk and about the size of cherries. It should be grown in every garden, especially where fruit is scarce. It is very productive, and has the flavor of strawberries; excellent for canning, and the fruit can be kept fresh in a dry place all winter. Culture like the common Tomato,..... 5  
**TURNIP, ENGLISH: Early White Flat Dutch**,..... 5  
**Stair-leaved Red Top**, early and good, ... 5  
**Yellow Globe**, excellent, large, yellow,.... 5  
**White Egg**, one of the best for the table, ... 5  
**TURNIP, SWEDEN OR RUSSIAN: White Sweet**, the best for table use,..... 5  
**SWEET, MEDICINAL AND POT HERBS:** Each of the following varieties is 5 cents per package: **Anise; Arnica, Sweet Basil; Caraway; Dandelion**, Broad-leaved French, grown for greens; **Coriander; Catmint; Hoarhound; Lavender; Sweet Marjorum; Rosemary; Sage; Saffron; Summer Savory; Winter Savory; Tansy; Summer Thyme; Winter Thyme; Wormwood.**

## FRUIT TREES AND PLANTS

### VERY IMPORTANT TO ALL.

*Before ordering, please read the following instructions, and act accordingly in making out your order, and thus save delay in filling. Write all orders for fruit trees and plants 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. No charge for boxes or packing. Plants can be sent by mail or express with perfect 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 always best to have plants sent by express, unless the order is small or on long 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 list prices to pay postage, which will be as follows: Strawberry plants 20 cents per 50, 30 cents per 100; Raspberries 15 cents per doz., 75 cents per 100; Blackberries 20 cents per doz., 90 cents per 100; 1-year old Gooseberries and currants, 20 cents per doz., \$1.20 per 100; 1-year old Grapes 20 cents per dozen, \$1.00 per hundred. Two-years old Gooseberries, Currants and Grapes cannot be sent by mail. Trees are too large to be sent by mail.* One-half doz. plants or trees (no less) of ANY ONE VARIETY, sent at dozen rates, 50 at 100 rates. Neighbors, by clubbing together, can thus often get the advantage of 100 and 1,000 rates and reduce express and freight charges, which are now usually quite reasonable.

My terms are invariably cash with order. 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 order early; don't wait till you are ready to plant, for it takes a little longer to fill orders for plants and trees than seed orders.

*Owing to expense of packing, no order for fruit trees and plants will be filled for a less amount than \$2.00.*

**DISTANCE APART FOR SETTING FRUIT TREES AND PLANTS.**—Strawberries, set in rows 4 to 5 feet apart, 1 to 1½ feet in the row and let runners form be ds 2½ to 3½ feet wide. Raspberries and Blackberries 3 by 6 feet. Gooseberries and Currants 3 by 4 feet. Grapes 6 by 8 feet. Peaches and Plums 15 to 18 feet each way. Apples 30 feet apart. Standard Pears 20 feet. Dwarf Pears 7 to 9 feet. Cherries 15 to 20 feet. Quinces 10 feet apart.

#### GRAPES.

Champion, Clinton, Concord, Elvira, Hartford, Ives, Martha, Perkins: 1 year old vines, 15 cts. each, \$1.00 per doz.; two years, 20 cts. each, \$1.50 per doz. Delaware, Diana, Duchess, Agawam, Brighton, Catawba, Iowa, Salem, Telegraph, Wilder: one year, 20 cts. each, \$1.50 per doz.; two years, 25 cts each, \$2.00 per doz. Early Victor, Lady Washington, Early Concord, Pocklington, Vergennes, Worden: one year, 25 cts. each, \$2.00 per doz.; two years, 30 cts. each, \$2.50 per doz. Lady, one year, 20 cts. each; two years, 35 cts. each. Moore's Diamond, one year, \$1.00 each; two years, \$2.00 each. Eaton, one year, \$1.00 each; two years, \$1.50 each. Empire State and Hayes, one year, 75 cts. each; two years, \$1.00 each. Niagara, one year, 50 cts. each; two years, 75 cts. each.

#### BLACKBERRIES.

Prices: 75 cts. per doz.; \$2.00 per 100, unless otherwise priced.

Agawam, Early Harvest, Kittatinny, Lawton, Snyder, Wilson, Taylor, Erie and Nevada, doz., \$1.50; 100, \$7.50. Early King and Minnewaski, doz., \$2.50; 100, \$15.00. Wachusett, Thornless, doz., 75 cts.; 100, \$3.00. Lucretia or Mammoth Dewberry, doz., 75 cts.; 100, \$5.00.

#### 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: Red Dutch, Black Naples, Cherry, Lee's Prolific, Versailles, Victoria, White Grape. Fay's Prolific, one year, 25 cts. each, doz., \$2.50; two years, 35 cts. each, \$3.50 per doz.

**STRAWBERRIES.**

Prices for standard varieties: 30 cts. per doz., \$1.00 per 100, \$4.00 per 1,000, unless otherwise priced.

*Standard varieties:* Bidwell, Champion, Chas. Downing, Crescent, Crystal City, Garretson, Glendale, James Vick, Jersey Queen, Kentucky, Manchester, May King, Miner's Prolific, Old Iron Clad, Ontario, Parry, Sharpless.

*New varieties:* Monmouth, doz., 75 cts.; 100, \$4.00. Crimson Cluster, doz., \$1.00; 100, \$6.00. Gandy, doz., \$1.00; 100, \$7.00. Lida, doz., \$1.00; 100, \$3.00. Jessie, doz., \$1.00; 100, \$5.00. Bubach, doz., \$1.00; 100, \$5.00. Belmont, doz., 50 cts.; 100, \$3.00. Jewell, doz., 50 cts.; 100, \$3.00.

**RASPBERRIES.**

Price, 75 cts. per doz.; \$2.00 per hundred, unless otherwise priced in list.

*Red and Yellow varieties:* Caroline, Brandywine, Cuthbert, Hansell, Marlboro, Turner, Shaffer, Rancocun. Golden Queen, new, the best yellow variety, doz., \$1.00; 100, \$5.00.

*Black-cap varieties:* Gregg, Hopkins, Mammoth, Cluster, Ohio, Souhegan, Tyler, Namaha, doz., 75 cts.; 100, \$3.00.

**GOOSEBERRIES.**

*Varieties:* Downing and Smith's Improved; one year, 10 cts. each, doz., \$1.00; two years, 15 cts. each, doz., \$1.50. Industry, two years, 50 cts. each, \$5.00 per doz.

**APPLES.**

Prices: Standard varieties, first-class, 5½ to 7 feet, 25 cts. each, \$2.50 per doz.; two years, 4½ to 6 feet, 20 cts. each, \$2.00 per doz.

*Standard Varieties, Summer:* Harvest, Keswick Codling, Nyack Pippins, Red Astrachan, Tetofsky, Sweet Bough. *Autumn:* Alexander, Duchess of Oldenberg, Fall Pippin, Fameuse, Gravenstein, Fall Orange, Orange Pippin, Porter, Stump. *Winter:* Baldwin, Ben Davis, Cooper's Market, Golden Russet, R. I. Greening, Grimes' Golden, Hubbardston Nonsuch, King, Lady, Lady Sweet, Mann, McIntosh Red, Monmouth Pippin, Nero, Newtown Pippin, N. Spy, Pewaukee, Roxbury Russet, Smith's Cider, Stark, Talman's Sweet, Wagner, Walbridge, Wealthy Willow Twig, Wine-sap, York Imperial. Delaware Winter, first-class, each \$1.00, doz., \$10.00; one year, each 50 cts., doz. \$5.00. Jacob's Sweet, first-class, each 75 cts., doz., \$7.50; two years, 60 cts. each, \$6.00 per doz. Gano, 1st class, each 75 cts.; doz., \$7.00. Salome, 1st class, 40 cts. each, \$5.00 per doz.; one year, 40 cts. each, \$4.00 per doz. Yellow Transparent and Red Beigtzheimer, 1st class, 35 cts. each, \$3.00 per doz.; one year, 25 cts. each, \$2.50 per doz.

*Crab Apples:* 1st class, 30 cts. each, \$3.00 per doz. *Varieties:* Hyslop, Lady Elgin, Red Siberian, Transcendant, Yellow Siberian.

**PEARS.**

Prices: Standard trees, 1st class, 5 to 6 feet, 60 cts. each, \$6.00 per doz.; two years, 3 to 5 feet, 50 cts. each, \$5.00 per doz. *Dwarf trees* (of varieties marked with \*), 50 cts. each, \$5.00 per doz.

*Summer varieties:* \*Bartlett, \*Clapp's Favorite, \*Manning's Elizabeth. *Autumn:* Buffum, Seckel, Sheldon, \*Augouleme, \*Flemish Beauty, \*Howell. *Winter:* \*Anjou, Mt. Vernon, \*Lawrence, Vicar. Lawson, standard, one year, 40 cts. each, \$4.00 per doz.; dwarf, one year, 50 cts. each, \$5.00 per doz.

**PEACHES.**

Prices: 1st class, 4 to 5 feet tall, 20 cts. each, \$2.00 per doz.; extra sized, 25 cts. each, \$2.50 per doz.

*Varieties:* Alexander, Amelia, Barnard, Smock, Bilyeu's Late October, Canada Iron Clad, Chair's Choice, Cooledge's Favorite, Crawford's Early, Crawford's Late, Druid Hill, Early Rivers, Foster, Geary's Hold on, George 4th, Hale's Early, Hance's Golden, Hill's Chili, Honey, Jacque's Rarissime, Jennie Worthen, John Haas, Keyport White, Lady Ingold, Large Early York, Mary's Choice, Mrs. Brett, Mountain Rose, Old Mixon Free, Nix's Late, Peen-to, Pratt, Red-cheek Melocoton, Reed's Early Golden, Reeve's Favorite, Schumaker, Steady, Stephen's Rarissime, Stump, Thurber, Troth's Early, Wager, Ward's Late, Wheatland, Yellow St. John.

*New varieties:* Globe Ford's Late and Roser; 1st class, 35 cts. each, \$3.00 per doz.

**PLUMS.**

Prices: Standard varieties, 1st class, 5 to 7 feet, 50 cts. each, \$5.00 per doz.; medium size, 4 to 5 feet, 40 cts. each, \$4.00 per doz.

*Standard Varieties:* Bradshaw, Golden Drop, Gen. Hand, German Prune, Green Gage, Imperial Gage, Lombard, McLaughlin Monroe Egg, Quackenboss, Reine Claude, Richland, Shropshire Damson, Smith's Orleans, Washington, Yellow Egg.

*New variety:* Spaulding, 1st class, \$1.00 each, \$10.00 per doz.; medium size, 75 cts. each, \$7.50 per doz.

**CHERRIES.**

Prices: First-class, 40 cts. each, \$4.00 per doz. *Heart and Bigarreau Varieties:* Black Eagle, Black Tartarian, Downer's Late, Gov. Wood, Napoleon, Yellow Spanish.

*Dukes and Morellos:* Belle de Choisy, E. Richmond, Late Duke, May Duke.

**QUINCES.**

Apple or Orange, first-class, 30 cts., \$3.00 per doz., Champion, first-class, 30 cts. each, \$3.00 per doz.; Reas' Mammoth, 50 cts. each, \$5.00 per doz.; Meech's Prolific, 50 cts. each, \$5.00 per doz.

**APRICOTS.**

Prices: First class, 30 cts. each, \$3.00 per doz.

*Varieties:* Breda Early Golden, Eureka, Jackson, Moorpark, Roman, Royal.

Russian Apricot, 30 cts. each, \$3.00 per doz.

Improved Russian Apricots: *Varieties,* Alexander, Alexis, Catherine, Gibb, J. L. Budd, Nicholas, 50 cts. each, \$5.00 per doz.

**NUTS, Etc.**

*Almonds:* Hardshell, Softshell, 30 cts. each, \$3.00 per doz.

*English Filberts,* 30 cts. each, \$3.00 per doz.

*Chestnut, Spanish,* 50 cts. each, \$5.00 per doz.

*Chestnut, American;* 25 cts. each, \$2.50 per doz.

*Chestnut, New Japan Giant;* \$1.00 each, \$10.00 per doz.

*Pecan Nuts,* 40 cts. each, \$4.00 per doz.

*English Walnut,* 50 cts. each, \$5.00 per doz.

*Butternut,* 40 cts. each, \$4.00 per doz.

*Mulberries:* Downing's Everbearing, 50 cts. each.

*Russian,* 25 cts. each, \$2.50 per doz.

*Figs:* Large Purple, Pacific White, and White Smyrna, 35 cts. each, \$3.50 per doz.

**SPECIAL TO CANADIAN CUSTOMERS.:**

The postage on all seeds sent from this country to Canada is very heavy, being 10 cts. for each package, no matter how small the package may be, even if it is but a single packet of seed, the postage on small orders being more than the price of the seeds; and to save myself 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.

 The Bonanza Collection of Flower Seeds would make a nice present for a friend, and would be a constant reminder of the giver all summer.

## 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, except to keep down the weeds, allow them to pretty much take care of themselves. The effect 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, 25 cents.

## 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 high at the back, sloping to about six inches in front, so as to catch the direct rays of the sun as much as possible. It can be made of any size desired and nailed at the corners, if small enough to be easily moved about, or if larger, fastened together with hooks and staples. About the last of April is the proper time in this latitude to start seeds in a cold-frame, and the plants will be large enough to transplant to the beds where they are to bloom as early as would be safe from frost.

Prepare a bed in a warm sheltered spot in the garden; rake out all the lumps and stones and on this set the frame, and cover with ordinary hot-bed sash or old window sash which will do quite as well. Make the soil in the frame smooth and firm with a board, 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 from the woods, which has been sifted through a fine sieve, near at hand, and if the seeds are very small, carefully sift it over them. Probably more failures to make seed germinate result from covering 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 would give a covering of one-eighth to one-fourth of an inch to such seeds as Aster, Phlox and Verbena; one-sixteenth of an inch to Petunia, Portulaca, and 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 soil from the seeds.

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 a few days, while others require several weeks. Geranium and Verbena seeds germinate very unevenly, some seeds coming up in a week or ten days, while some remain dormant a month or more, and the soil should be kept moist and not be disturbed for at least a month after sowing. Cover the frame with straw mats or boards at night to keep out the cold, and after the plants are up give plenty of air, during warm, sunny days. Pull out the weeds as fast as they appear, and keep the plants well thinned out, so they will grow strong and stocky. The thinnings can be saved and transplanted to another frame if desired.

**SOWING IN BOXES IN THE HOUSE.**—When only a few varieties are to be sown, good plants can be grown by sowing in shallow boxes of earth, putting these in a warm, sunny window in the house, covering each box with a pane of glass to retain moisture. Never sow seeds in pots unless they are sunk up to the rims in boxes of moist earth or moss; otherwise they are apt to quickly dry out and injure the seeds or young plants.

**SOWING IN THE OPEN GROUND.**—With care and by sowing at the proper time, plants can be grown successfully in the open ground; but not much success can be expected from sowing the small, delicate seeds in the beds where they are to flower. It is always best to sow all but a few varieties like the Larkspurs and Poppies, which do not transplant well, in a seed-bed, in the same way as directed for cold-frames. Sow the half-hardy varieties about the middle of May, in this latitude, or about the time corn is usually planted. Hardy annuals may be sown two weeks earlier, and tender annuals not until two weeks later than this. *Great care must be taken in watering and shading to prevent the surface from drying out; a few hours of hot sun in a dry time will sometimes ruin a whole bed;* and this is the most frequent cause of failure when seeds are sown in the open ground, for after a seed has sprouted, and then becomes dry, it will never sprout again. It is a good plan to spread several thicknesses of newspaper over the bed to help keep in the moisture, 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 than to wait too long for rain. Make holes where the plants are to be set, fill them with water, let it soak 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 clods of earth; or, what is better, with a large leaf or a handful of fresh grass, which is to be removed after 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 they either die outright or become so much weakened in the struggle for existence, that their beauty is greatly injured. The soil for flowers, if not already rich, should be made so with fertilizers or well 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,—some perhaps beginning their culture for the first time this year, and I am anxious that all who purchase even 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 hardy 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.

## GOOD BOOKS ON GARDENING.

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. Saunders' Insects Injurious to Fruit, \$3.00. Downing's Fruits and Fruit Trees of America, \$5.00. Fuller's Small Fruit Culturist, \$1.25. Practical Floriculture, \$1.50. Fuller's Grape Culturist, \$1.50. Ellwanger's The Rose, \$1.25. Long's Ornamental Gardening, \$2.00. Long's Home Florist, \$1.50. Canary Birds, 50 cents. Harris' Gardening for Young and Old, \$1.25. Williams's Window Gardening, \$1.50. Every Woman Her Own Flower Gardener, \$1.00.

## REPORTS FROM CUSTOMERS.

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 never dealt with me that my seeds are just as represented. The gardens of customers are my best advertisements, 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 have made to extend my trade, and I shall try by furnishing the best of seeds and liberal dealing 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 customers with precisely the same quality of seed, just such as I would, and do so myself; and when ninety-nine succeed admirably, and the one hundredth 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 control.

From MRS. E. M. HANFORD, Scipioville, Cayuga Co., N. Y.—Last year I invested 10 cents in your seeds, and can truly say that I got more flowers for the amount than I ever saw before. I had one Aster that had 83 blossoms on at one time, and from one-half paper of Pansy seeds had 24 different varieties, and they were the finest I ever saw.

From MRS. S. M. HAMILTON, Windsor, Nova Scotia.—I send a club of 10 for the collection, besides other seeds. The seeds last year gave every satisfaction, and all considered wonderfully cheap, besides being so sure to come up, which is not always the case with other seeds; but we can depend on all you send and confidently recommend them to everybody.

From W. H. GUTHRIE, Helena, Montana.—Last year I ordered from you Laced-edged Petunias, Diamond and other strains of Pansies, rose and Pompon Asters and Verbenas. To say they were fine can give no idea of their beauty. They were the admiration of all who saw them and took first premiums at our County Fair.

From H. L. NEALL, Sun Building, Philadelphia, Pa.—The trial seeds obtained from you last spring have been the glory of our garden, although they were in competition with seeds from other growers of the highest reputation.

From MRS. E. R. HUNTINGTON, Castle Rock, Washington Ter.—I have never purchased seeds from which I have had such satisfactory results as from yours. No other Phlox is so fine, no other Pansies can begin to compare with yours, although I have had experience with various other strains. The Salpiglossis from your seeds are also very large and beautiful in many shades; and your Chinese and Japan Pinks, language fails one with which to do them justice. I think more genuine satisfaction can be obtained from one of your collections than from an outlay of many dollars with some other firms. The flower-loving portion of our country owe you a very great debt of gratitude.

From MRS. CHARLES E. SAWYER, Exeter Mills, Me.—I would like to say a word in praise of your seeds I have had seeds from you for a number of years, and never failed to raise a nice lot of flowers from them. My Asters and Phlox were beautiful, and so were my Pansies and Pinks, and our vegetables were equally as good.

From MRS. I. M. BROWN, Olathe, Johnson Co., Kansas.—I had your Diamond Pansies last year, and I also had five other packages of the very choicest strains from other dealers. We had a very hot, dry summer and the Diamonds were the only ones that stood the drouth and blossomed all summer, and they were planted in the full blaze of the sun. They were all colors from pure white to black.

From H. B. FULLERTON, Thorndike, Mass.—I have not only had great success with all your seeds, but my friends are also delighted. Your Pansies combine beauty, size, and freedom from insects; this last seems peculiar, but true. I have Nicotiana that have bloomed winter and summer for two consecutive years; not one day in the 730 have been without a bloom.

From MRS. J. S. PIERCE, Ware, Mass.—The Diamond Pansies were lovely to say the least. I had hundreds of blooms that would measure two inches and over across. One man that saw them said that he had been in the gardens of a great many florists, but he never saw Pansies equal to mine, and he took your address, as have many others.

From MRS. JAS. HUDSON, Chatham, Ont., Canada.—I take this means of letting you know how well I was satisfied with the 10 cent order I gave you. I received far more real, genuine satisfaction than I have done many times before for \$1.00. I think each seed of the Clove Pinks must have brought two plants, the Asters are perfect beauties, and the Pansies are something magnificent indeed.

From MRS. C. A. ROUNDS, Moravia, N. Y.—The Diamond Pansies and Petunias were exceedingly fine, and such peculiar colors and markings. They were the finest ever grown here. I exhibited them at the Moravia Fair, and they were the wonder and admiration of all the flower-loving people. I enclose one of my Pansy blooms. I do not expect the first prize, but if I don't succeed in obtaining a small prize, I feel amply repaid for the trouble and expense by the pleasure experienced in watching them grow. They were indeed lovely beyond anything I ever had or saw, and I have raised flowers many years and purchased seeds from a good many different seedsmen, but found none equal to yours.

From MRS. MARY JEFFERS, Red Lake Falls, Polk Co., Minn.—I sent for one of your collections last spring, and must say that they gave perfect satisfaction. I was more than pleased with the Double Portulaca; they were a perfect mass of bloom and almost as double as Roses.

From MRS. LOUISE BOISEN, Bloomington, Ind.—I was very much pleased with the Pansies raised from your seeds last year. I had seeds sent me from Germany, Wisconsin and Philadelphia, and while they were all fine, I think none were so rich and so varied in color as yours.

From MRS. S. J. BAKER, Knowlesville, N. Y.—We have dealt with \* \* \* for twenty years or more, but send every year to other seedsmen, in order to get a greater variety. We like the best of everything as we always exhibit flowers at the County Fair. The most beautiful Petunias I ever saw were at Lakeside last year, and I found they bought the seed from Mr. Goodell. If ours are as nice I shall be delighted and you will hear from me again.

From MRS. S. J. NIMS, Vernon Centre, Minn.—Your seeds always grow. I received five first premiums last fall on flowers from your seeds at our Fair, on Asters, Pinks, Pansies, Verbenas and Helichrysums. Your colored plate of China and Japan Pinks does not do justice to them; mine were handsomer, I think.

From W. H. BLANEY, Attleboro, Mass.—I received your Catalog and collection of seeds all right, and should place a larger order with you, but have received some fifty varieties from \* \* \* and others. I am much pleased with your Catalog; it is not so elaborate as some, but for practical information is worth (to me) all others combined. Please send me the following varieties.

From A. M. T. AVERILL, Tawas City, Mich.—I wish to tell you that all the seeds I bought from you last spring did splendidly. The Zingibiel's White and Pompon Asters were particularly fine, and the large Emperor Petunias the very finest I ever saw, and a wonder to others.

From MRS. MARTHA G. McMAHON, New Milford, Ct.—I sent for three of your collections last year, and to say that we were pleased but faintly expresses it. I send for twelve of the collections this time and think I shall be able to send you another order soon. My Asters last year were the special admiration of all that saw them.