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L. W. GOODELL'S

ILLUSTRATED CATALOGUE



NEW ROSE ASTER PLANT.

OF CHOICE SELECTED



GROUP OF PETUNIAS.

FLOWER AND VEGETABLE SEEDS,

For 1879.

AMHERST, MASS.

GAZETTE PRINTING COMPANY, PRINTERS, NORTHAMPTON, MASS.

## To my Friends and Customers.

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IN presenting my CATALOGUE OF SEEDS AND BULBS for 1879, I return my best thanks to those who have favored me with their patronage in the past; and, trusting that the quality of my seeds and the efforts I have made to please all who have dealt with me have been appreciated, I solicit a continuance of orders. The seeds and bulbs I offer are mainly of my own growing, from stock which has been carefully selected, and the quality will, I know, please all. The great advantages of buying seeds *direct of the grower* will be appreciated by everybody, especially by those who have been in the habit of buying the seeds left in the stores to be sold on commission, and which have been on their travels nobody knows how long. I test the germinating qualities of every variety before sending out, and nothing shall leave my hands that will fail to grow through fault of mine.

The figures on the right of the columns give the prices per packet in cents, and are as low as seeds of the first quality can be furnished and leave a fair profit. Each packet contains from one hundred to five hundred seeds, except scarce varieties or those with very large seeds, which necessarily contain less.

Everything offered in this Catalogue will be sent to any part of the United States or Canada, by mail, *postage paid*, at the prices annexed, and I guarantee the safe delivery at your post-office of everything ordered.

Money may be sent at my risk if sent according to these directions:—All sums of One Dollar or over, by Post-Office Money Order, which is always the best way when they can be obtained; or 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 these ways may be selected in seeds. *Sums less than One Dollar*, in scrip, or if this is not to be had, in clean, undetached 3-cent stamps, may be enclosed in a letter and sent at my risk. Fifty cents or less in silver can be sent safely if wrapped in a piece of paper or pasted to the letter.

Please be sure and write NAME, POST-OFFICE, COUNTY and STATE as plain as possible. Please anticipate the planting time and order early. All orders entrusted to me, whether large or small, will receive prompt attention, a ten-cent order being as carefully filled as one for ten dollars' worth of seeds.

I take the greatest care in filling orders, always intending to do a little more than I promise or fair dealing requires, but mistakes may sometimes occur, and in all such cases I desire to be informed of the fact and promise to make satisfactory correction.

While the great majority of orders are sure to reach me safely, it occasionally happens that a letter is lost or stolen, or perhaps a package fails to reach its destination. After waiting a reasonable length of time, if the seeds ordered do not arrive, then write again, *always repeating the order*, so it can be filled without further delay, if the directions for sending money have been followed.

If you receive more than one catalogue, please hand the extra copy to some friend who is interested in the subject.

### TRIAL COLLECTION OF SEEDS.

Last year I advertised trial collections of flower seeds, and filled many thousand orders for these, which were sent to every State and Territory; and I have reason to believe they gave very general satisfaction. Of course, among so many and under such varied conditions, there were some failures; indeed it would be strange if there were not, for, as all experienced gardeners well know, failure will sometimes occur from causes beyond control.

The past season I have grown several varieties in extra large quantities, and all of the very choicest quality, which I offer at a merely nominal price. This I do in order to introduce extensively, trusting to future orders at the usual prices for profit.

For only twenty-five cents I will send one packet each of the following varieties, provided the order is sent previous to March 1st, before the busiest part of the seed season :—

<p><i>Aster, New Rose</i>, mixed colors.  <i>Cockscomb</i>, Vick's New Japan, mixed colors.  <i>Dianthus</i>. (China and Japan Pinks,) all varieties mixed.</p>	<p><i>Petunia</i>, finest mixed.  <i>Phlox Drummondii grandiflora</i>, mixed colors.  <i>Portulaca</i>, Double Rose-flowered, mixed colors.  <i>Verbena Montana</i>.</p>
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At this low price no change can be made in the varieties. The same varieties, of like quality, if selected from any catalogue in America, would cost three or four times this sum. I shall esteem it a favor if you will show this offer to your friends and induce them to give my seeds a trial ; and, as a slight compensation for the trouble, I will send a collection *free* to any one who will raise a club of four new customers for this trial collection, remitting a dollar at one time. Please give the name and post-office address of each member of the club, so a catalogue can be sent to each.

### DOLLAR COLLECTION.

This collection consists of easily grown and showy varieties, and is particularly recommended to beginners, or those not acquainted with the different varieties. No change can be made in the varieties.

<p><i>Antirrhinum</i>, (Snapdragon,) tall varieties mixed.  <i>Alyssum</i>, sweet.  <i>Aster</i>, New Rose, mixed colors.  <i>Aster</i>, Newest Dwarf Bouquet.  <i>Balsam</i>, Common Double, mixed colors.  <i>Calliopsis</i>, all colors mixed.  <i>Cassia chamaecrista</i>.  <i>Cockscomb</i>, Vick's New Japan. [varieties.  <i>Dianthus</i>, (China and Japan Pinks,) mixed  <i>Mignonette</i>, sweet.</p>	<p><i>Pansy</i>, all varieties mixed.  <i>Petunia</i>, Blotched and Striped.  <i>Phlox Drummondii</i>, all varieties mixed.  <i>Portulaca</i>, Double rose-flowered, mixed colors.  <i>Verbena hybrida</i>, choicest mixed.  <i>Zinnia</i>, Double, choicest mixed.  <i>Helichrysum monstrosum</i>, mixed colors.  <i>Morning Glory</i>, mixed colors.  <i>Gourds</i>, Ornamental, mixed varieties.  <i>Peas</i>, Sweet, mixed colors.</p>
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### OTHER COLLECTIONS.

			<i>Price.</i>
A Collection of	ASTERS, . . . . .	containing 7 Fine Varieties,	\$0.50
" " " "	DIANTHUS, . . . . .	6 " "	.50
" " " "	PANSIES, . . . . .	9 " "	1.00
" " " "	PHLOX, . . . . .	10 " "	.75
" " " "	CLIMBING PLANTS, . . . . .	8 " "	.50
" " " "	PERENNIALS, . . . . .	8 " "	.50

### PREMIUMS TO CLUBS.

I offer the following very liberal premiums to those who get up clubs or send large orders for themselves. Almost any one can, by making a little effort, get the orders of their neighbors, and thus obtain their own seeds for little or nothing.

Persons sending	\$ 1.00	may select	Seeds	amounting to	\$ 1.15
" " "	2.00	" " "	" " "	" " "	2.35
" " "	3.00	" " "	" " "	" " "	3.65
" " "	4.00	" " "	" " "	" " "	4.95
" " "	5.00	" " "	" " "	" " "	6.25
" " "	10.00	" " "	" " "	" " "	13.00
" " "	20.00	" " "	" " "	" " "	27.00

These will be put in one package and sent to one address, or in separate packages and mailed to each person forming the club, as desired. It must be understood that I can make this offer only on *Seeds* at the Catalogue prices, and not on *Collections* nor on *Bulbs*, neither can the Premiums be paid in collections or bulbs, otherwise it would bring the prices below cost in some cases.

Besides the above premiums, I will add, *gratis*, a packet of choicest mixed Pansy or Verbena seed to all \$3.00 orders, whether for seeds or bulbs ; and to all orders which amount to \$5.00 or over, a packet of Cinnamon vine tubers and Miles' new Spiral Mignonette.

Very Respectfully,

AMHERST, MASS., January 1, 1879.

L. W. GOODELL.

## Sowing Flower Seeds, Transplanting, &c.

**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 stick. 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 seeds germinate result from covering too deep than from any other cause. A good and safe rule for the smaller kinds of seed 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 be scarcely covered at all, but merely pressed slightly into the soil. After the seeds are all covered make the soil firm again with the hands and 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 conditions, 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 will remain dormant for 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 the 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 except a few varieties like the Larkspurs and Poppys, 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 will sometimes ruin a whole bed, in a dry time. 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, and 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 handful of fresh grass.

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 all 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. Annuals perfect their seed and die the first year. Biennials live two years. Herbaceous Perennials die down to the ground every year, the 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.



AMARANTHUS SALICIFOLIUS.



COCKSCOMBS.

FLOWERING THE FIRST SEASON.

- Abronia umbellata*, a trailing, half-hardy annual, with clusters of Verbena-like, rosy lilac, white-eyed flowers. Before sowing, remove the husk which surrounds the seed,..... 10
- Ageratum*: Pretty, hardy annuals, with abundance of flowers through the season. Fine for bouquets. Set plants 8 inches apart.
- Ageratum Mexicanum*, blue; 1 foot,..... 5
- Mexicanum albiflorum*, white; 1 foot,.... 5
- Cælestinum (Phalacræa, Tom Thumb)*, light blue; compact; 8 inches,..... 5
- Lasseauxii*, beautiful, pink flowers,..... 10
- Agrostemma*, hardy annual, with flowers resembling single pinks. Transplant or thin plants to four inches apart; mixed colors,.... 5
- Alyssum, Sweet*, hardy annual, blooming abundantly all summer; flowers small, white, in clusters; good for beds, and exceedingly fine for bouquets. Set plants eight inches apart,..... 5
- Wierzebeckii*, hardy perennial; yellow; 1 foot, ..... 5
- Amaranthus*: Beautiful ornamental foliage plants, producing a fine effect in beds or masses. In a wet season and a rich soil they sometimes lose their bright colors.
- Amaranthus salicifolius*, a beautiful plant, with long, narrow, wavy, dark colored leaves, plant pyramidal, from 2 to 4 feet in height.. 10
- bicolor ruber*, a new and fine bedding plant, the lower half of the leaf fiery red, the upper half maroon, often tipped with yellow; 2 feet,..... 5
- tricolor (Joseph's Coat)*, red, yellow, and green leaves,..... 5
- melancholicus ruber*, blood-red foliage and compact habit; 18 inches,..... 5
- Antirrhinum*, (Snapdragon): One of the best and most popular of the hardy perennials; blooms abundantly all summer, and until after hard frosts in autumn. Flowers in spikes and very brilliant. Plants may be set eight or ten inches apart.
- Antirrhinum majus*, 18 inches tall; mixed colors,..... 5
- Tom Thumb*, dwarf and compact; 8 inches; mixed colors,..... 5
- Asperula azurea setosa*, a fine hardy annual, with clusters of small, light blue, sweet-scented flowers; 8 inches tall,..... 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 five or six inches. Make the soil deep and rich for Asters.
- Aster, Truffaut's Pæony-flowered*, large flowers, petals slightly reflexed; 2 feet; mixed colors,..... 15
- New Rose*, a magnificent variety, and one of the very best; flowers large and very double, with the petals finely imbricated; 2 feet; 14 bright colors, mixed,..... 10
- Imbrique Pompon*, flowers double, very perfect, and finely imbricated; 18 inches, 10

- Aster, Pæony-flowered Globe*, flowers very large and double; plant strong and branching; 2 feet; mixed colors,..... 10
- Cocardeau, or New Crown*, a beautiful variety; flowers large and double, with white quilled centers, surrounded with flat petals of another color; 18 inches; mixed colors,.. 10
- Pyramidal-flowered German*, flowers quilled; plant branching; mixed colors,.... 10
- Washington*, new; flowers very double and perfect, and of large size, measuring, under good culture, 5 inches in diameter; 2 feet; mixed colors,..... 20
- New Chrysanthemum-flowered Dwarf*, a late-flowering variety, with large flowers; 1 foot in height, mixed colors,..... 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 Pyramidal Bouquet*, a compact plant, producing small double flowers in abundance; blooms early; 10 inches high; mixed colors,.. 15
- New Schiller*, 15 inches high, of peculiar habit, producing its leaves close to the ground; mixed colors,..... 10
- Hedge-Hog or Needle*, long, quilled, sharply pointed petals; curious; 2 feet; mixed colors,..... 10
- Balsam:** The Balsam is a magnificent half-hardy annual, the tall varieties growing some two or three feet in height, and in bloom from June till frost, the branches being completely covered with flowers, which resemble roses and camellias. Make the soil very rich and deep, and set the plants eighteen inches apart.
- Balsam, Camellia-flowered Spotted*, German, double; spotted with white; mixed colors,..... 15
- Camellia-flowered Perfection*, a new variety, and the finest, truest white Balsam grown; last season nearly every plant produced flowers as double and perfect as Camellias; packet of 15 seeds,.. 15
- Rose-flowered*, French, double; mixed colors, 15
- Eatra Double Dwarf*, very double; 6 inches high; mixed colors,..... 15
- Solferino*, white, striped and spotted with red, 15
- Common Double*, sometimes only semi-double,..... 10
- Bartonia aurea*, a showy, hardy annual, with large, brilliant golden yellow flowers. Sow seeds early where the plants are to bloom, and thin to eight inches apart; 1 foot,..... 5
- Brachycome iberidifolia*, (*Swan River Daisy*), a very pretty little hardy annual, producing an abundance of white and blue flowers; 8 inches; mixed colors,..... 10
- Cacalia coccinea*, tassel-like scarlet flowers; half hardy annual; 1 foot..... 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 one to two feet in height and may be set about ten inches apart.
- Calliopsis Drummondii*, yellow, crimson center..... 5
- bicolor*, yellow and crimson..... 5
- bicolor nigra speciosa*, rich crimson..... 5
- bicolor nana marmorata*, reddish brown, marbled with yellow; dwarf..... 5
- cardaminifolia hybrida*, yellow, compact habit, and a profuse bloomer..... 5
- cardaminifolia hybrida astrosanguinea*, rich dark red; compact..... 5
- tinctoria*, quilled..... 5
- Burridgi*, beautiful and distinct; flowers with a rich crimson-brown center, and orange yellow border..... 5
- All colors, mixed..... 5
- Callirhoe pedata*, fine hardy annual: flowers crimson, bordered with white; 2 feet... 10
- Canna*, beautiful foliage plants, with large, broad leaves, and scarlet or yellow flowers. Soak the seed in warm water for twelve hours before sowing, and sow under glass early or they will not make much of a show the first season. The roots may be taken up in the autumn and preserved in sand in the cellar, like Dahlias; 3 to 5 feet; mixed varieties..... 10
- Campanula speculum*, fine hardy annual; good habit and abundance of flowers; mixed colors..... 5
- Candytuft:* An old and popular hardy annual of easy culture; make beautiful beds, and is indispensable for bouquets. Seed should be sown very early in the spring where they are to bloom, and the plants thinned to six inches.
- Candytuft, Purple*..... 5
- White*,..... 5
- Rocket*, flowers in long spikes, pure white,.. 5
- Lilac*,..... 5
- Sweet-scented*, flowers in umbels, pure white, 5
- Rose*, rosy lilac,..... 5
- Dunnett's Extra Dark Crimson*,..... 5
- All colors mixed,..... 5
- Cassia chamaecrista*, a fine hardy annual, with bright golden yellow flowers; plant compact, with pretty, light-green foliage; transplant to eighteen inches apart; 2 feet,.. 5
- Celosia cristata*, (Cockscomb): A very curious half-hardy annual, blooming from July to 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 fifteen inches apart.
- Cockscomb*, crimson, rose, yellow, &c., mixed, 10
- Vick's New Japan*, the most beautiful and





CAMELLIA-FLOWERED PERFECTION BALSAM.



DATURA.



CASSIA CHAMÆCRISTA.



ANTIRRHINUM.



HELICHRYSUM.

brilliant of the entire Cockscomb family. The combs are very delicately cut, resembling the finest coral, and are of the brightest scarlet and crimson imaginable. The branches and leaf-veins are crimson. Nothing that can be grown will attract so much attention as a bed of this splendid variety. One of the best annuals lately introduced. Two to three feet in height; mixed colors. . . . . 10

*Celosia superba plumosa*, a new and elegant feathered variety of a bright crimson color, coming quite true and good. It makes a beautiful bed during the latter part of summer, when the plants become fully developed. Eighteen inches in height, . . . . . 15

*Centaurea*, (Bachelor's Button), well-known, hardy annual, of many bright colors, . . . . . 5

*Centranthus macrosiphon*, a very pretty plant; about 18 inches in height, producing large corymbs of small flowers. Set plants a foot apart; mixed colors, . . . . . 5

*Chenopodium Botrys*, (Oak of Jerusalem), hardy annual with innumerable, minute, greenish flowers which cover nearly the whole plant; not showy for the garden, but excellent for bouquets, . . . . . 5

*Convolvulus minor*, a beautiful hardy annual of spreading habit, producing an abundance of flowers through the season, which resemble

the Morning Glory. Set plants 15 inches apart; mixed colors, . . . . . 5

*Datura*: Large branching plants, about 2 feet in height, with magnificent large flowers. Start the seeds as early as possible and transplant or thin to two feet apart.

*Datura Wrightii*, produces beautiful, pure white, sweet-scented, trumpet-shaped flowers, from 7 to 9 inches long, . . . . . 10

*humilis flava fl.-pl.*, splendid, large, yellow double flowers, . . . . . 10

*fastuosa alba plena*, double white, . . . . . 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 boxes in the house, bloom almost as early as plants from the tubers, and frequently produce as fine flowers. Seed saved from my collection of 50 choicest named varieties, . . . 20

*Delphinium*, (Larkspur): Very fine and showy hardy annuals, with long spikes of flowers, and are of the easiest culture. Sow as early in the Spring as possible in the open ground, and thin the branching varieties to eighteen inches apart, and the Rockets to five or six inches. . . 5

*Delphinium, Double Dwarf Rocket*; mixed colors, . . . . . 5

*Tall Rocket*, double and very showy; mixed colors, . . . . . 5

- Delphinium Stock-flowered*, double, branching; very showy, mixed colors,..... 5  
*imperiale*, compact plant; very brilliant colors; mixed colors,..... 10
- 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 also the second season quite as well as the first. They grow ten to fifteen inches high, and may be set ten inches apart.
- Dianthus Chinensis*, double; mixed colors,..... 10  
*imperialis*, (Imperial Pink), double, mixed,..... 10  
*imperialis*, double white; very fine,..... 10  
*Heddewigii*, produces flowers which are often 3 inches in diameter, and beautifully colored; mixed colors,..... 10  
*Heddewigii fl.-pl. atropurpureus*, large dark red, very double flowers,..... 10  
*Heddewigii flore-pleno*, double; mixed colors,..... 10  
*laciniatus*, very large, deeply fringed flowers; mixed colors,..... 10  
*laciniatus flore-pleno*, magnificent, very large, double flowers, with deeply fringed petals,..... 15  
*diadematus flore-pleno*, (Diadem Pink), very brilliant markings,..... 15  
 Above varieties, mixed,..... 10
- Double Daisy*, (Bell's perennis), a well-known hardy little flower. Seed should be sown as early as possible, and the plants set 6 inches apart in a cool, shady place. Best German seed,..... 20
- Eschscholtzia Californica*, a very fine free flowering, hardy annual, with brilliant flowers and finely divided leaves. Does not transplant well, and seed should be sown where they are to grow; mixed colors,..... 5
- Euphorbia marginata*, a fine ornamental foliaged hardy annual, producing a fine effect in masses; leaves light green, margined with pure white; 18 inches,..... 10
- Geranium*: Beautiful and popular house and bedding plants. Seeds germinate irregularly and the soil should not be disturbed for at least a month after sowing. Choicest mixed,..... 20
- Godetia, Lady Albermarle*, a compact bushy plant about a foot in height and covered with large, beautiful rose-colored flowers,..... 20
- Helianthus*, (Sunflower), Double Green-centered,..... 10
- Heliotrope*, popular, fragrant, tender plants; finest mixed,..... 15
- Lantana*, half-hardy, shrubby plants, with clusters of changeable Verbena-like flowers; finest mixed,..... 15
- Linum grandiflorum rubrum*, hardy annual with bright crimson flowers; 18 inches,..... 5
- Lobelia*: Beautiful hardy annuals, bearing a great number of small, richly-colored flowers. Exceedingly fine for baskets or edging to beds. About six inches in height, and plants should be set four or five inches apart; mixed colors 10
- Lupinus*, (Lupine), well-known hardy annual, with long spikes of flowers. Sow seeds in the open ground; mixed colors,..... 5
- Lychnis*: Hardy perennials, producing a fine effect when grown in masses. Two feet in height.
- Lychnis Chalcedonica*, bright scarlet,..... 5  
*Chalcedonica flore-albo*, white,..... 5  
*Chalcedonica carnea*, flesh color,..... 5  
*grandiflora gigantea*, new; very large flowers; 1 foot; mixed colors,..... 10
- Marigold*, an old and well known hardy annual; best double varieties mixed,..... 5
- Mesembryanthemum crystallinum*, (Ice plant), a curious half-hardy annual; the leaves look as though covered with crystals of ice; of trailing habit; very fine for baskets,..... 5  
*tricolor*, (Dew Plant), flowers pink,..... 5
- Mignonette, Sweet*, well-known, fragrant, hardy annual,..... 5  
*Parsons' New White*, flowers larger and whiter than the old sort,..... 10  
*grandiflora ameliorata*, a large variety, with reddish flowers,..... 5
- Miles' New Spiral*, a novelty of last season which, on trial, has proved the best Mignonette yet introduced. The plants are of fine, compact habit, with long spikes closely set with flowers,..... 15
- Mimulus*, (Monkey Flower): Pretty, half-hardy plants, producing a profusion of small, delicate flowers.
- Mimulus hybridus tigrinus*, beautifully spotted,..... 10  
*cardinalis*, scarlet,..... 10  
*moschatus*, (Musk Plant), yellow,..... 10
- Mirabilis Jalapa*, (Marvel of Peru), a very desirable half-hardy annual, with pretty foliage, and plenty of large, bright flowers of a great variety of colors. Sow seed in the open ground where the plants are to grow, and thin to two feet apart. About two feet in height and very branching; mixed colors,..... 10
- Moluccella lewis*, (Shell Flower), a very singular hardy annual, a native of Syria, growing from two to three feet tall, branching near the ground. The flowers are small, white, enclosed in a curious shell-like calyx; these are green, veined with white, and cover nearly the whole plant. Set plants 18 inches apart,..... 15
- Myosotis*: Fine hardy perennials, with clusters of small, bright-colored flowers. About six inches in height.
- Myosotis alpestris*, blue..... 10  
*alpestris*, white,..... 10  
*alpestris rosea*, rose color,..... 10  
*palustris*, (Forget-me-not), white and blue,..... 10



DIANTHUS LACINIATUS FL. PL.



MOLUCELLA LÆVIS.—(SHELL FLOWER.)



NEWEST DWARF BOUQUET  
ASTER.



EUPHORBIA MARGINATA.

*Nemophila*, pretty little hardy annual, with white and blue flowers, often spotted; 6 inches. Sow early in the spring, in a cool, shady place; mixed colors,..... 5

*Nolana atriplicifolia*, trailing plants, somewhat resembling the Portulaca; mixed colors, 5

*Enothera*, (Evening Primrose): Showy, hardy annuals, which open their flowers suddenly about six o'clock in the evening.

*Enothera acaulis alba*, a very dwarf plant, producing exceedingly beautiful pearly white flowers, about four inches across,..... 10

*Veitchii*, yellow and red; 1 foot,..... 5

*Lamarckiana grandiflora*, abundance of showy yellow flowers, four inches in diameter, 4 feet,..... 5

*Oxyura chrysanthemoides*, a very pretty, hardy annual; flowers, lemon yellow, with pure white edge; 18 inches,..... 5

*Palafoxia Hookeriana*, fine half-hardy annual; flowers rosy crimson,..... 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; but it is a good plan to keep the flowers picked off during the hot, dry weather of summer. In order to grow plants that will give flowers two inches or more in diameter, the soil should be made very rich. No flower responds quicker to generous treatment, and none is more easily spoiled by neglect. The colors and markings are almost endless. Set plants eight inches apart.

*Pansy, King of the Blacks*, almost coal black,..... 15

*Emperor William*, new, ultramarine blue, with purple eye,..... 20

*Dark Blue*, very large and rich,..... 15

*Azure Blue*, very rich, extra fine,..... 15

*Light Blue*, nearly sky blue,..... 15

*Violet*, with white border; splendid,..... 15

*Clivedan Purple*, rich, deep purple, . . . . . 15

*Marbled Purple*,..... 15

*Striped and Mottled*, very showy,..... 15

*Yellow Margined*,..... 15

*Yellow*,..... 15

*Mahogany-colored*,..... 15

*Bronze-color*,..... 15

*Red*, bright coppery-brown colors,..... 15

*Fawn-colored*, very curious,..... 15

*White*, sometimes with purple eye,..... 15

*White Treasure*, new,..... 20

Above varieties, mixed,..... 15

*Perilla Nankinensis*, an ornamental foliage plant of great beauty; leaves dark purple: half-hardy annual; 18 inches,..... 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 frost in autumn. The flowers of some varieties are very large and richly colored, while others are beautifully veined, striped and spotted. About two feet in height. Set plants eighteen inches apart.

*Petunia grandiflora Kermesina*, crimson, 20

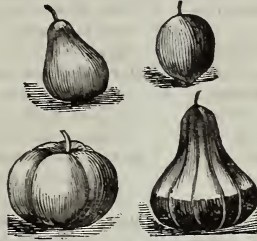
*grandiflora rosea*, bright rose color,..... 20

*Petunia grandiflora maculata*, spotted,.... 20  
*grandiflora venosa*, beautifully veined varieties,..... 20  
*grandiflora violacea*, very large flowers of the richest violet,..... 20  
*grandiflora marginata*, crimson, margined with green,..... 20  
 Above varieties, mixed,..... 15  
*Vick's New Fringed*, a new and beautiful variety, with fringed edges : 50 seeds,..... 25  
**Double**: The Double *Petunia* bears no seed, and seed which will produce a fair proportion of double flowers is grown by crossing single flowers with the double, and this is a slow, expensive process. Packet of 50 seeds, first quality,..... 25  
*Countess of Ellesmere*, dark rose, white throat ; fine bedder,..... 10  
*Blotched and Striped*, very showy,..... 10  
 Finest mixed,..... 10  
*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 in height. Plants should be set a foot apart. 10  
*Phlox Drummondii, Blood Purple*,..... 10  
*Brilliant Scarlet*,..... 10  
*Leopoldii*, deep pink, with white eye,.... 10  
*Large Blue*, white eye ; fine purple,..... 10  
*rosea*, rose color,..... 10  
*rosea albo-oculata*, rose, white eye,..... 10  
*Radowitzii*, rose, striped with white,..... 10  
*Radowitzii Kermesina, striata*, crimson, striped with white,..... 10  
*Radowitzii violacea*, violet, striped with white,..... 10  
*flore albo*, white,..... 10  
*flore albo oculata*, white, with a dark eye,.... 10  
*Chamois Rose*, very fine ; delicate rose,.... 10  
*variabilis*, violet and lilac,..... 10  
*Isabellina*, pale yellow,..... 10  
*Violet Queen*, violet, with large white eye,.... 10  
*Scarlet Fringed*,..... 10  
*grandiflora*, a great improvement on the old variety, with larger flowers of more perfect form ; mixed colors,..... 15  
 All varieties mixed,..... 10  
*grandiflora splendens*, a new variety of a brilliant crimson color, with a large distinct white eye, the flowers of very large size,.... 20  
**Poppy**, an old and too much neglected hardy annual ; some of the best varieties are every way worthy of culture ; best double varieties mixed,..... 5  
**Portulaca**: For brilliant, dazzling colors nothing can excel a bed of *Portulaca* when in full bloom. The colors are numerous, and pro-

duced in profusion all summer. Easily transplanted at any stage of its growth, even when in full flower. Finest 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 produce double flowers. Set plants six or eight inches apart and pull up all that prove single. First quality, mixed colors,..... 10  
**Double**, rose, crimson, rosy purple, rose striped with carmine, white, orange, yellow,—in separate packets—each color,..... 15  
**Double Portulaca, alba striata**, a new and distinct variety, originated by me and now for the first time offered. The flowers are creamy white striped with golden yellow and sometimes with crimson,..... 25  
**Ricinus**, (Castor Oil Bean): A class of ornamental foliage plants of great beauty, and quite a tropical appearance. Leaves very large, sometimes two feet in diameter. Fine as single specimens, or in small groups. Plant the seeds in the open ground, about the middle of May, in this latitude, and give the plants good rich soil and plenty of room.  
*Ricinus macrocarpus*, whitish foliage ; 6 feet,..... 10  
*Borboniensis*, gigantic leaves ; 10 feet,.... 10  
*Sanguineus*, blood red stalks ; very fine ; 5 feet,..... 10  
*Gibsoni*, rich bronzy-purple leaves,..... 15  
*Salpiglossis*, a very fine half-hardy annual ; flowers richly colored and beautifully penciled ; 2 feet ; mixed colors,..... 10  
**Salvia**: Beautiful, half-hardy annuals, remarkable for the brilliancy of their colors. Set plants 15 inches apart.  
*Salvia splendens*, large flowers in long spikes and of the brightest scarlet, ..... 10  
*coccinea splendens*, one of the most showy sorts, with long spikes of bright scarlet flowers ; two feet high,..... 10  
**Scabiosa** (Mourning Bride), an old and well-known hardy annual, the flowers ranging in color from pure white to almost black, about 18 inches in height ; mixed colors,.... 5  
*Stellata*, or *starry*, seed vessels very fine for winter bouquets,.... 5  
**Schizanthus**, a beautiful, half-hardy annual, the plants being literally covered with small, bright, curiously colored flowers ; 2 feet ; mixed colors,..... 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. Transplant when quite



DOUBLE PORTULACA.



GOURDS.



MAURANDIA.

- small, setting plants a foot apart.
- Stock, New Largest-flowering Dwarf,** plant of dwarf compact habit, with very large double flowers; mixed colors,..... 20
- New Largest-flowering Dwarf, Blood-Red,** very deep blood red,..... 20
- New Hybrid,** splendid large flowers; mixed colors,..... 20
- Tagetes signata pumila,** a fine half-hardy annual, the plants very compact and covered with bright yellow flowers; 2 feet tall,..... 10
- Tropaeolum minus,** (Nasturtium), a spleneid class of half-hardy annuals, with flowers of many shades of yellow, orange and red, often finely spotted; 10 inches in height; all varieties mixed,..... 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 also quite fragrant. A good seedling Verbena, if given good rich soil, ought to cover a space at least four or five feet in diameter. Start the seed early in the spring, and set the plants 18 inches apart.
- Verbena hybrida,** choicest seed, saved from over 100 varieties,..... 15
- Scarlet,** from the brightest scarlet varieties, coming true to color,..... 15
- Striped,** beautiful flowers, with broad stripes, 25
- Montana,** one of our finest hardy perennials, withstanding the winter with perfect safety, and blooming profusely the second year, and also the first quite as well as the common verbena. A native of the Rocky Mountains. Flowers bright rosy-purple and very fragrant. 15
- Vinca:** Beautiful tender perennials. Sow seeds under glass.
- Vinca rosea,** rose-color; 2 feet,..... 10
- rosea alba,** white, red eye,..... 10
- Whitlavia:** Very pretty hardy annuals, with bell-shaped flowers. About 10 inches in height, and may be set 8 inches apart.
- Whitlavia grandiflora,** violet blue,..... 5
- grandiflora alba,** white,..... 5
- gloxinoides,** white and light blue,..... 5
- Zinnia, Double,** a magnificent half-hardy an-

nual, 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. The choicest colors mixed,..... 10

CLIMBING PLANTS.

- The annual climbers are a very beautiful class of plants, 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.
- Calampelis scabra,** a neat and pretty climber, with racemes of bright orange flowers. Sow in a frame or boxes in the house; 6 feet,..... 10
- Cardiospermum Halicacabum,** (Balloon Vine), a half-hardy climber, with curious inflated seed-pods; 8 feet,..... 10
- Cobaea scandens,** a beautiful half-hardy plant, growing twenty or thirty feet in a season; flowers large, purple, bell-shaped,..... 10
- 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
- Gourds, Ornamental,** a fine class of half-hardy annuals, producing some of the most beautifully colored and curiously shaped of all fruits. Package containing seeds of Orange, Lemon, Apple, Pear, Gooseberry, Egg. and other sorts,..... 10
- Ipomœa:** Beautiful tender annuals, with richly colored flowers, resembling the Morning Glory.
- Ipomœa limbata elegantissima,** large, flowers, rich, mazarine blue, bordered with white; 15 feet,..... 10
- grandiflora superba,** sky blue, broadly margined with white,..... 10
- grandiflora alba,** white; 15 feet,..... 10
- Quamoclit,** (Cypress Vine), elegant foliage and small, richly colored flowers; 10 feet; mixed colors, .. 10
- Scarlet, white, rose,** each color,..... 10
- Loasa,** a fine climber, with abundance of curious flowers; 6 feet; mixed colors,..... 10

<i>Maurandya Barclayana</i> , a beautiful climber, with bell-shaped flowers and neat, abundant foliage; 6 feet; mixed colors,.....	10
<i>Peas, Sweet</i> , a well-known and very fragrant hardy annual. Plant two inches deep, as early as possible in the spring. All colors mixed,...	5
<i>Thunbergia</i> , a very ornamental, free flowering, tender annual; exceedingly fine for baskets and does well in the garden; 4 feet; mixed colors,.....	15
<i>Tropaeolum majus</i> , a very fine half-hardy annual; flowers of various shades of yellow, scarlet, striped and spotted; 10 feet, mixed colors,.....	5
<i>peregrinum</i> , (Canary Flower), profusion of bright yellow flowers; 15 feet,.....	15
<i>Lobbianum</i> , very fine for house culture; 8 feet; mixed varieties,.....	15

### 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 soon after they begin to open, and hung up in small bunches, so the stems will dry straight. They may then be worked up into bouquets, wreaths, baskets, etc., and make beautiful ornaments for the parlor. Plants of all the varieties may be set about 10 inches apart.

<i>Acroclinium roseum</i> , one of the most beautiful of the Everlastings; bright rose color; 18 inches,.....	5
<i>roseum album</i> , white; 18 inches,.....	5
Both colors mixed,.....	5
<i>Ammobium alatum</i> , very hardy; 18 inches; small white flowers,.....	5

### FLOWERING THE SECOND SEASON.

The varieties under this head flower in May, June and July of the second year. They may be treated as annuals the first year, setting the plants in any unused corner of the garden. Early in the spring of the second year take up the plants and set them where it is designed to have them bloom

<i>Adumia cirrhosa</i> , an elegant biennial climber, bearing small clusters of pink and white flowers; 8 feet,.....	10
<i>Alyssum Saxatile compactum</i> , (Gold Dust), a beautiful hardy perennial, with small, golden yellow flowers; of compact growth; 10 inches,.....	10
<i>Aquilegia</i> , (Columbine), an old and well-known hardy perennial, producing fine flowers of a great many colors; 2 feet; mixed colors,....	10
<i>Campanula</i> : These are among the best of the perennials, with large bell-shaped flowers, white, rose, blue, etc.	
<i>Campanula Carpatica</i> , blue and white, mixed,.....	10
<i>Medium</i> , (Canterbury Bell), single varieties mixed,.....	10
Double varieties, mixed,.....	10
<i>Dianthus caryophyllus</i> , (Carnation): Magnificent double flowers. German seed, from named flowers,.....	25
<i>Picotee</i> . German seed, from named flowers,.....	25
<i>hortensis</i> , (Pink). Best double, mixed colors,.....	25

<i>Gomphrena globosa</i> , (Globe Amaranth), the best known of the Everlasting Flowers. Do not pick until the flowers are fully grown. Mixed colors,.....	5
<i>Helicrysum monstrosum</i> , 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,.....	10
<i>Helipterum Sandfordi</i> , a very choice variety each plant bearing a good many large clusters of small, rich golden yellow flowers; 1 foot,....	15
<i>Rodanthe Munglesi</i> , a very fine Everlasting, with beautiful, bell-shaped, rose-colored flowers; best for house culture, but often do finely in the open ground; 1 foot,.....	15
<i>Xeranthemum</i> , a fine hardy sort about 10 inches in height; mixed colors,.....	10

### 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. The following are some of the best varieties:

<i>Agrostis nebulosa</i> , very elegant and feathery, 10	
<i>Brisa maxima</i> , (shaking grass), one of the best; 1 foot,.....	5
<i>minor</i> , dwarf; 6 inches,.....	5
<i>Brizopyrum siculum</i> , shining green,.....	5
<i>Erianthus Ravenna</i> , a beautiful and very effective perennial variety, growing ten feet in height, and with elegant plumes of flowers a foot in length. Perfectly hardy,.....	16
<i>Lagurus ovatus</i> (Hares Tail Grass); 1 foot,....	5
<i>Stipa pennata</i> (Feather Grass); a very graceful variety; blooms second season,.....	15
<i>Trycholena rosea</i> , elegant; tinted rose,.....	10

<i>Digitalis</i> , (Fox Glove), a very fine perennial, with very long racemes of drooping, bell-shaped flowers; 3 feet; mixed colors,.....	5
<i>Hollyhock, Double</i> , a splendid hardy perennial, with very large double flowers of a variety of colors; 4 feet; choicest double, mixed colors,.....	10
<i>Ipomopsis</i> , a beautiful plant, with finely divided foliage and long spikes of rich scarlet, orange and yellow flowers; mixed varieties,...	5
<i>Lunaria biennis</i> , (Satin Flower), hardy biennial, with large clusters of purple flowers and silvery seed-pods; 4 feet,.....	10
<i>Rocket</i> : Fine plants, producing large clusters of flowers in early spring.	
<i>Rocket, Sweet Purple</i> ,.....	5
<i>Sweet White</i> ,.....	5
<i>Sweet William</i> , (Dianthus barbatus), a magnificent hardy perennial, bearing immense trusses of flowers, which are of the richest and most beautiful colors; 1 foot; double and single, mixed,.....	10
<i>Hunt's Perfection</i> , beautiful large-eyed varieties; mixed colors,.....	10



GLADIOLUS.



CHINESE YAM, OR CINNAMON VINE.

**BULBS AND PLANTS.**

Orders for Bulbs and Plants will be put on file and filled as soon as safe from freezing,— usually about the first of April.

**DAHLIAS.**

Of these popular plants I have fifty of the choicest named sorts. In ordering, name the color or colors desired, and satisfaction can be given in every case. Tubers may be planted in the open ground after danger from frost is past, or started earlier in frames.

Dry tubers, per dozen, \$3.00; each,..... 30

Green plants in May and June, by mail post paid, at the same price of dry tubers.

**CHINESE YAM, or CINNAMON VINE.**

(*Dioscorea batatas.*)

A beautiful ornamental Vine, of very rapid growth. The flowers are small, white, growing in clusters, and have a peculiar, cinnamon-like fragrance,

filling the air of a whole garden with its odor. The leaves are heart-shaped, glossy green, veined with purple. The vine is herbaceous, and grows from fifteen to thirty feet in a season, according to the soil. The roots are edible, endure the most severe winters with perfect safety, and continue to increase in size for several years, attaining a length of two or three feet and a weight of several pounds each. Begins to bloom the second or third year, and when once planted will last a long time. It is usually propagated from small tubers about the size of peas, which grow on the vines. Plant the tubers in the open ground, two inches deep; or they can be started early under glass, or in the house.

Packet of fifteen tubers,..... 25

(No half-packets sold.)

I have a few good, year-old roots, this year; price 50 cents each.

**GLADIOLUS.**

The Gladiolus is the best and most popular of what are called the Summer Bulbs. Its tall spikes of large flowers, which are of almost every shade of color, frequently 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 May, and covered from three to five inches deep, according to size. In the autumn, before hard frost, take up the bulbs, dry thoroughly, and preserve in a cool cellar, free from frost.

EACH.

<i>Adonis</i> , light cherry and yellow,.....	15
<i>Compt de Moruy</i> , dark cherry red, blotched with white,.....	35
<i>Couranti Fulgens</i> , bright red,.....	15
<i>Don Juan</i> , fiery red and yellow,.....	10
<i>Eugene Scribe</i> , light pink, flamed carmine....	40
<i>Gaithera</i> , carnation, striped with carmine,....	25
<i>Isaac Buchanan</i> , new, and the finest yellow Gladiolus yet produced,.....	1.00
<i>John Bull</i> , sulphur white, spotted violet,.....	20
<i>Lord Byron</i> , bright scarlet, white throat,....	30
<i>Lord Granville</i> , light yellow, striped lilac,....	30
<i>Louis Van Houtte</i> , velvety carmine,.....	15
<i>Madame Hacquin</i> , white, violet stripes,....	30
<i>Madame Herincq</i> , yellowish white striped carmine,.....	25
<i>Mazepa</i> , orange red, stained yellow and striped carmine,.....	25
<i>Shakspeare</i> , white, stained with carmine rose,.....	1.50
<i>Stephenson</i> , carmine cherry, striated with white lines, very large flower,.....	50
<i>Sultana</i> , satin rose, flamed with carmine, purplish blotch on white,.....	2.00
<i>Mixed Varieties</i> . These are fine large bulbs, and will give the best of satisfaction to all. Many of them will produce flowers equal to the best named sorts. Fine mixed varieties, per dozen, 75c; half-dozen,.....	40

**LILIES.**

I offer a fine lot of the hardy Lilies, sound, well-preserved bulbs. Lily bulbs should be planted five or six inches deep, and if the ground is a little shaded all the better.

<i>Lilium Auratum</i> , a magnificent variety, with very fragrant flowers of immense size; pure white, spotted with purple, with a golden stripe through the centre of each petal.	
Large flowering bulbs,.....	50
<i>lancifolium rubrum</i> , white and red,.....	25
<i>lancifolium album</i> , white,.....	50
<i>Japonicum longiflorum</i> , white trumpet-shaped flowers, 5 inches long,.....	25
<i>candidum</i> , common white,.....	25
<i>tigrinum</i> , (Tiger-Lily), red, spotted, black,...	20

**TUBEROSE.**

The Tuberose produces a tall spike of pure white, very fragrant double flowers. The bulbs should be started early, in boxes in the house, and after the weather has become warm and settled, transplanted to the garden.

Large flowering bulbs; per doz. \$1.50, each,....	15
Small size flowering bulbs; ger doz. \$1.00, each, 10	
<i>Dwarf Tuberose, Pearl</i> , a new dwarf variety, growing only eighteen inches in height, and with flowers larger than the common variety; per doz. \$2.00, each, .....	20

<i>Caladium esculentum</i> , beautiful foliage plant with large, broad leaves; each,.....	40
<i>Canna</i> , fine roots,.....	25
<i>Dicentra Spectabilis</i> , (Bleeding Heart),.....	25
<i>Tuberous Begonias</i> , mixed, each,.....	50
<i>Tritoma uvaria</i> , large, showy spikes of orange and red flowers, four or five feet tall,.....	30
<i>Pæonies, Double Pink</i> , each,.....	30
<i>Double White</i> ,.....	50
<i>Double Rose</i> ,.....	35
<i>Lily of the Valley</i> , (Convallaria majalis), per doz., 60 cts; half doz., 35 cts; each,.....	10
<i>Perennial Phlox</i> , produces immense heads of bloom. About 40 of the finest named sorts; per doz. \$2.50, each,....	25
<i>Double Violets, English Dark Blue</i> , per doz., \$3.00, each,.....	30
<i>White</i> , per doz., \$3.00,.....	30
<i>Maria Louisa</i> , new and fine, light blue; per doz., \$3.00,.....	30

From the *Springfield Republican*, October 3, 1878.—The flower table was adorned from the extensive and well kept gardens of L. W. Goodell, who exhibited Asters, Dahlias, Verbenas Pansies and Japan Pinks in profusion.

From the *Hampshire Gazette*, October 15, 1878.—The flowers were the finest at any fair we have seen this year, and were mostly from L. W. Goodell, the Amherst seedsman.



## VEGETABLE SEEDS.

The following List contains the best of the old and new varieties, and are either of my own growing or obtained from reliable growers, and customers may depend on receiving the BEST in every respect. They are put up in good sized packages, especially for family use. Packages of Corn, Beans and Peas, contain about three ounces.

<i>Asparagus, Conover's Colossal</i> ,.....	5	<i>Lettuce, Malta Drumhead, or Ice Cabbage</i> ,.....	5
<i>Beans, Bush, Early Rachel</i> , earliest and best,.....	10	<i>All the Year Round</i> , new and fine,.....	10
<i>Wax or Butter</i> , used for Snap Beans,.....	15	<i>Early Tennis Ball</i> , early and good,.....	5
<i>Beans, Pole, Speckled Cranberry</i> ,.....	10	<i>Boston Curled</i> , one of the best curled sorts,.....	5
<i>White Cranberry</i> , like the above, except in color; preferred where known,.....	10	<i>Melon, Musk, Prolific Nutmeg</i> ,.....	5
<i>Giant Wax</i> , used for Snap Beans; very tender, thick, creamy yellow pods,.....	15	<i>Casaba</i> , a new, very large, oblong, sweet and delicious, green fleshed sort, growing to a weight of 10 to 15 lbs. each,.....	5
<i>Large Lima</i> , very buttery and rich,.....	15	<i>White Japan</i> , one of the best and most sugary varieties; creamy white skin,.....	10
<i>Dreer's Improved Lima</i> , earlier and more productive than the old Lima, the beans growing closely together in the pods. The best Bean grown,.....	15	<i>Melon, Water, Mountain Sweet</i> ,.....	5
<i>Beet, Egyptian Blood Turnip</i> , very early; rather small,.....	5	<i>Black Spanish</i> ,.....	5
<i>Early Bassano</i> , early and good,.....	5	<i>Phinney's Early</i> , the best variety grown for the North: very early, productive and sweet,.....	5
<i>Early Blood Turnip</i> ,.....	5	<i>Citron, New Californian</i> , for preserves,.....	5
<i>Long Blood Red</i> ,.....	5	<i>Onion, Wethersfield Red</i> ,.....	5
<i>Cabbage, Early York</i> ,.....	5	<i>Danvers Yellow</i> ,.....	5
<i>Little Pixie</i> , very early and tender,.....	5	<i>White Portugal, or Silver Skinned</i> ,.....	5
<i>Early Winningstadt</i> , pointed heads; fine sort,.....	10	<i>Peas; Carter's First Crop</i> , very early,.....	10
<i>Early Wakefield</i> , (American), very popular market variety,.....	15	<i>Tom Thumb</i> ,.....	10
<i>Stone Mason Marblehead</i> , a very solid and first-rate winter variety,.....	10	<i>McLean's Little Gem</i> , a very early, fine flavored wrinkled Pea,.....	10
<i>Marblehead Mammoth</i> , the largest variety grown; heads freely, and is of good quality,.....	10	<i>Champion of England</i> ,.....	10
<i>Premium Flat Dutch</i> ,.....	10	<i>Parsnip, Sutton's Student</i> , very sweet,.....	5
<i>Fottler's Improved Brunswick</i> ,.....	10	<i>Pepper, Squash or Tomato-formed</i> ,.....	5
<i>Drumhead Savoy</i> ,.....	5	<i>Sweet Mountain or Mammoth</i> ,.....	5
<i>Large Late Blood Red</i> , for pickling,.....	10	<i>Cherry-formed</i> , small, and very hot,.....	5
<i>Cauliflower, Erfurt Earliest Dwarf</i> ,.....	20	<i>Radish, Long Scarlet</i> ,.....	5
<i>Lenorman's Short Stemmed</i> ,.....	20	<i>Red Turnip</i> ,.....	5
<i>Brocoli</i> , resembles the Cauliflower, harder, and more sure to head,.....	10	<i>New French Breakfast</i> , olive-shaped, red,.....	5
<i>Carrot, Early French Short Horn</i> ,.....	5	<i>Chinese Rose Winter</i> ,.....	10
<i>Half Long Scarlet Stump Rooted</i> ,.....	5	<i>California Mammoth White Winter</i> ,.....	15
<i>Long Orange</i> ,.....	5	<i>Spinach, Prickly or Fall</i> ,.....	5
<i>Celery, Boston Market</i> , very popular market sort,.....	10	<i>Round or Summer</i> ,.....	5
<i>Lainy's Mammoth Red</i> ,.....	5	<i>Squash, Summer, Early Bush Scollop</i> ,.....	5
<i>Corn, Sweet, Early Tom Thumb</i> , the earliest variety grown, at least a week earlier than Early Minnesota; ears about 5 inches long, very productive and sweet,.....	10	<i>Early Bush Crook-Necked</i> ,.....	5
<i>Crosby's Early</i> ,.....	10	<i>Squash, Winter, Hubbard</i> ,.....	10
<i>Moore's Early Concord</i> ,.....	10	<i>Butman</i> , new and fine,.....	10
<i>Stowell's Evergreen</i> , very large and late,.....	10	<i>Marblehead</i> , much like Hubbard,.....	10
<i>New Joint Pop Corn</i> , very productive, bearing four or five ears to a stalk,.....	10	<i>Nutmeg</i> , nice, little, Fall Squash,.....	10
<i>Cucumber, Early Netted Russian</i> , new, and the earliest,.....	10	<i>Salsify, or Vegetable Oyster</i> ,.....	10
<i>Early Russian</i> ,.....	5	<i>Tomato, Gen. Grant</i> ,.....	5
<i>Early Cluster</i> ,.....	5	<i>Hathaway's Excelsior</i> , very early, solid, round and smooth as an apple,.....	5
<i>White Spine</i> ,.....	5	<i>Trophy</i> , very large and solid,.....	10
<i>London Long Green</i> ,.....	5	<i>Canada Victor</i> , very early, smooth, and solid,.....	5
<i>Tailby's Hybrid</i> , a new sort, a cross between White Spine and an English variety; one of the handsomest and best table sorts grown,.....	15	<i>Strauberry, or Winter Cherry</i> , a distinct species, the fruit growing in a husk; nice for canning,.....	10
<i>Green Prolific</i> , new, and said to be the most productive and best pickling Cucumber, also a fine table sort,.....	5	<i>Turnip, English, Early White Flat Dutch</i> ,.....	5
<i>Egg Plant, Improved, New York Purple</i> ,.....	10	<i>Strap-Leaved Red-Top</i> ,.....	5
<i>Kohl Rabi, Large Early Purple</i> ,.....	10	<i>Yellow Globe</i> ,.....	5
		<i>Orange Jelly</i> , one of the best for table,.....	5
		<i>Jersey Navet</i> , new, like the Parsnip in form; sweet and excellent,.....	5
		<i>Turnip, Swede or Russian, White Sweet, Lainy's Purple Top</i> ,.....	5
		<b>SWEET or POT HERBS</b> ; each variety, per packet,.....	5
		<i>Basil, Sweet</i> ,.....	
		<i>Caraway</i> ,.....	
		<i>Coriander</i> ,.....	
		<i>Dill</i> ,.....	
		<i>Fennel, Large Sweet</i> ,.....	
		<i>Hoarhound</i> ,.....	
		<i>Lavender</i> ,.....	
		<i>Marjoram, Sweet</i> ,.....	
		<i>Saffron</i> ,.....	
		<i>Sage</i> ,.....	
		<i>Summer Savory</i> ,.....	
		<i>Thyme</i> ,.....	

## WHAT MY CUSTOMERS SAY.

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It is very gratifying to know that my customers have almost unexceptionable success with the seeds I furnish, and are satisfied with the efforts I make to please them. I have received hundreds of letters entirely unsolicited on my part, speaking of the beautiful results obtained, and, to show that my seeds are just what they are represented to be, I publish extracts from a few of these.

From MRS. L. A. RAMSAY, Rock Falls, Whitesides Co., Ill., March 5, 1878.—The Portulacas grown from seed you sent me last year were pronounced by every one who saw them the most beautiful they had ever seen.

From MRS. EMMA BOWMAN, West Liberty, Muscatine Co., Iowa, April 1, 1878.—The Phlox Drummondii grandiflora you sent last year was beautiful.

From MRS. JOSEPH BOYD, Marlboro, Mass., March, 20, 1878.—The seeds I had from you last year proved very satisfactory, and I am hoping to be equally successful again.

From WM. WILKINSON, M. A., Brantford, Ont., Canada, March 16, 1878.—I was much pleased with the character of the flowers produced from your seeds last year.

From MRS. A. B. BARNES, Fair Haven, Ct., March 22, 1878.—The seeds you sent me before were very nice and have all come up.

From CHARLES L. MASON, Milnesville, Luzerne Co., Pa., Sept. 2, 1878.—The trial package of seeds that I had of you last spring have all given good satisfaction, except the Double Portulaca, and I think that the fault in that case was my own and not yours.

From CHARLOTTE COVILLE, Ormville, Catt. Co., N. Y., April 20, 1878.—I was very much pleased with those sample packets you sent me; they are all growing finely. We are making up a club to send you for a larger order soon.

From GEORGE W. HANKINSON, Philadelphia, Pa., April 16, 1878.—It gives me great pleasure to say that the seeds I received from you last season were what they were represented to be.

From MISS N. W. SMYTHE, Nashville, Tenn., March 26, 1878.—The seeds that I received from you last year proved in every respect perfect; the Portulacas and Phlox were perfectly beautiful and attracted the attention of all who saw them.

From MRS. W. H. CROCKETT, Orange Co., Vt., April 18, 1878.—The new Rose Asters were the finest I ever cultivated, and I have had some *very fine ones*.

From KATIE E. COOK, Centreville, Queen Anne Co., Md., Feb. 23, 1878.—I have received the collection of flower seeds and was very much pleased with the selection. I show your catalogue to all my friends and have another order, and think it likely you may receive several more orders through me.

From MRS. E. C. WHITE, Newberry, S. C., March 11, 1878.—I have had seeds from several firms this spring, but none come up so well as yours.

From MRS. CALVIN NOYES, Byfield, Mass., April 15, 1878.—I received your catalogue and a number of others, and have concluded to purchase my seeds of you. I bought some seeds last year of you and they came up nice. The Double Portulaca I enjoyed very much.

From EZRA HUGHES, Detroit, Mich., April 8, 1878.—Your seeds came to hand all right, and I am glad to say that they are *alive*.

From MRS. S. ADAMS, Bangor, Me., April 8, 1878.—The Portulaca I had of you last year was beautiful; the other seeds were perfectly satisfactory.

From MRS. C. O'BRIEN, New Orleans, La., March 12, 1878.—I am quite satisfied with the seeds which you sent me; they have all come up and are doing well.

From ANNIE BROWN, Lancaster, Wis., March 2, 1878.—Last year I sent to you for a Tuberosa, and it grew and blossomed nicely. This year I have induced my friends to send to you, through me, for what they want. Please send me seven Tuberoses and the seeds named below.

From E. VAN PATTEN, Las Cruces, New Mexico, March 20, 1878.—Seeds came O. K.; a thousand thanks; I am more than satisfied. I now enclose—for the following.

From IRA J. EGGLESTON, Amsterdam, N. Y., Aug. 19, 1878.—The seeds have proved all I expected of them. The new Japan Cockscombs are marvels of beauty. The Asters as far as they have blossomed are splendid.

From MRS. M. W. FREEMAN, Beatrice, Page Co., Neb., March 19, 1878.—I received the flower seeds all right, and have sown the Portulaca, which has come up nicely.

From CARRIE H. COX, Gardiner Me., April 19, 1878.—I have had one package of seeds from you this spring and was much pleased with them. I never had Asters come up so quick or look so nice.

From S. BURLINGAME, JR., Oneco, Windham Co., Ct., April 22, 1878.—The seeds obtained from you last season proved all I could ask.

From CARRIE F. BRIGHAM, Manchester, N. H., May 12, 1878.—The seeds you sent before were planted and all have proved good.

From N. GILBECK, Pekin, Md., April 4, 1878.—The seeds you sent me last year were very nice, the Cockscombs especially, they were admired by every one who saw them.

From MRS. M. A. H. BUTLER, Plymouth Union, Vt., March 9, 1878.—The Portulacas, Japan Cockscombs and Phlox you sent me last year were much praised.

From MISS EMA WRIGLEY, Liberty, Mo., March 8, 1878.—Your sample packets pleased me and I concluded I would send for a list of seeds, for they are so cheap, the cheapest I have seen this season.