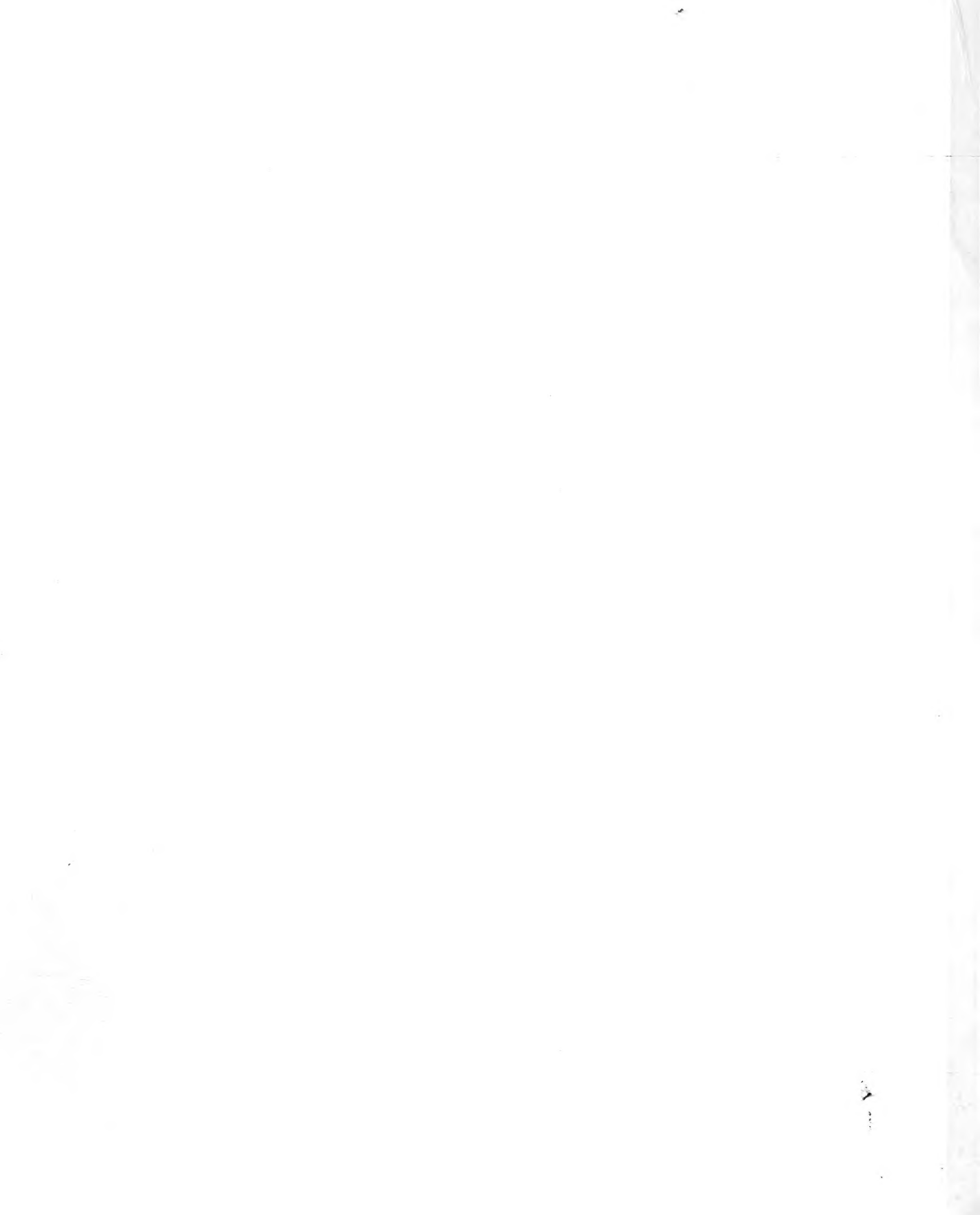


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Do not assume content reflects current scientific knowledge, policies, or practices.



VICK'S

ANNALS APR 95

FLORAL

GUIDE

1894.

VICK'S NEW WHITE BRANCHING ASTOR
NATURAL SIZE



Premiums and Presents.

CENTS SAVED ARE DOLLARS EARNED.

In order to assist those whose wants are larger than their pocket-books, we have arranged a list of premiums or discounts. Thus by securing the order of a few friends, a person can almost get seeds for nothing, or so many more for the same money, that thousands take advantage of these liberal offers.

Persons sending \$1.00 may select seeds amounting to \$1.10	
" " 2.00 " " "	2.25
" " 3.00 " " "	3.45
" " 4.00 " " "	4.70
" " 5.00 " " "	6.00

Persons sending \$10.00 may select seeds amounting to \$12.50, and will receive, free, a copy of Home Floriculture, by Rexford, the price of which is \$1.50.

Persons sending \$15.00 may select seeds amounting to \$20.00, and will receive, free, Vick's Flower and Vegetable Garden, (\$1.50), and a copy of Home Floriculture, (\$1.50).

It must be understood that these premiums and discounts are allowed only on **Flower and Vegetable Seeds by the packet and ounce**, and not on seeds by the **pound**, nor on **Bulbs, or Plants**; nor can we pay this discount in **Bulbs, or seeds by the pound**. Otherwise it would bring the price far below the cost.

The seeds will be put up together and sent to one address, or in separate packages, and mailed to the address of each individual forming the club. In all cases the postage will be prepaid. The same deduction will, of course, be made to any person ordering for himself alone.

In addition to these Premiums and Presents, we forward in December, each year, to every customer, our **FLORAL GUIDE**, containing descriptions of about all Flowers and Vegetables worthy of cultivation. In sending Clubs, it is therefore necessary to give the names of the persons of which they are composed, with Post Offices, so that we may be enabled to forward them the **GUIDE**.

In August we publish a Catalogue containing a list of Bulbs for Autumn planting and for flowering in the house in winter; and also a list of house plants, which we forward to those of our customers who purchased Bulbs of us the previous Fall, and to any one who will send a Postal Card with name and Post Office. Send in your name for Bulb Catalogue.

MAGAZINE PREMIUM.



All persons sending us an order for \$5.00 or over will be presented with one year's subscription to Vick's Illustrated Monthly Magazine FREE.

ANY OTHERS CAN HAVE THE MAGAZINE ONE YEAR:

For 5 cents extra sent with orders	-	-	from \$3 to \$5
" 10 " " " " " "	-	-	" \$2 to \$3
" 15 " " " " " "	-	-	" \$1 to \$2
" 20 " " " " " "	-	-	under \$1

\$360 Cash Prizes on Potatoes.

DOLLARS WON ARE DOLLARS GAINED.

As a special incentive to potato growers, and that they may to a greater extent bring before the public the excellent qualities of our new Potatoes, the American Wonder and the Maggie Murphy, we offer the following cash prizes. Not only potato growers, but farmer's boys, wives and daughters can make a trial and stand a good chance of winning. For description of these potatoes, see pages 31 and 33.

\$180. MAGGIE MURPHY.

For the best dozen	\$60.00
" " second best dozen	30.00
" " third best dozen	20.00
" " fourth best dozen	10.00
" " twelve next best dozens, each \$5	60.00

\$180.00

AMERICAN WONDER. \$180.

For the best dozen	\$60.00
" " second best dozen	30.00
" " third best dozen	20.00
" " fourth best dozen	10.00
" " twelve next best dozens, each \$5	60.00

\$180.00

CONDITIONS.

Potatoes must be delivered at Rochester, N. Y., free of charge, on or before October 20th, 1894.

Every person desiring to compete must state the fact, with their name and address on a separate piece of paper, and enclose same with their order for seeds, and the Potatoes must be grown from seed purchased from us during the year 1894.

Competent and disinterested judges will be appointed from Pomona Grange, Monroe County, New York. Their names, with the decisions, and the names of the prize winners, will appear in December number of VICK'S ILLUSTRATED MONTHLY MAGAZINE.



JAMES VICK'S SONS, Rochester, N. Y.

SUGGESTIONS TO ALL WHO BUY.

REVISED, READ CAREFULLY.

All Seeds, Bulbs and Plants Free of Postage.—We will send Seeds, Bulbs and Plants, by mail, to any part of the United States, Dominion of Canada, Jamaica, Barbadoes, Mexico, and the Bahamas, at the prices named in this Catalogue, Postage Paid. The only exceptions to this rule are when heavy and bulky articles are ordered by the peck or bushel, or in cases especially noted; otherwise, every package will be paid through to destination. A general rule we send Plants and Seeds in separate packages.

Free by Express.—All orders weighing two pounds or over will be forwarded by Express, if possible. Our customers will oblige us very much by giving their nearest express office and the name of the Company delivering goods. Heavy orders can be forwarded by Stage from the Express office. So please be particular and send special directions when on a Stage route. All stage charges will be prepaid when it is possible to do so. **This applies to Seeds and Bulbs at Catalogue rates, and not on heavy seeds by the peck or bushel, nor to miscellaneous articles.** See special notice on shipping potatoes and heavy goods on Page 101.

Persons often order small packages sent C. O. D. and the express charges sometimes amount to more than the order, and then they refuse to take them. This is not our fault, of course, but it makes us expense for express both ways, and sometimes loss of the plants; therefore we have adopted the rule to send no goods C. O. D. (collect on delivery). **This rule is imperative.** We are responsible, and guarantee safe arrival. So be sure and send money with the order.

Those who want heavy seeds in large quantities can get them very cheap by freight if they will order early. Many of our customers take advantage of this fact, and more should do so.

Shipping Plants.—All orders for plants will be held until about April 1st, when we begin shipping to the warmer states and northward as fast as the weather will permit, unless otherwise requested. **If wanted for winter flowering or immediate use, state the fact** and they will be shipped accordingly, though in case of severe cold storm we may hold for few days.

Quality of Plants.—Our long experience in growing and mailing plants has taught us that it pays to ship strong, healthy plants, and as we guarantee their arrival in good condition, customers may rest assured they will receive the best plants to be had.

Correspondence.—We are always glad to hear from customers and to give advice where possible. We recommend a careful reading of "Letter Box" in Vick's Illustrated Magazine, where scores of questions are answered each month.

Novelties.—While we do not advertise all the new Flowers and Vegetables listed in Catalogues of other Seed Houses, generally we have seeds in stock and can fill orders for same.

Cash with Order.—Filling thousands of orders each week during the rush of business from January 1st to June 1st, makes it necessary that each order be accompanied with the cash.

The Safe Arrival of Packages Guaranteed.—We guarantee the safe arrival of packages of Seeds, Bulbs and Plants in good condition in the United States and Canada. If a package fails to reach a customer we will send again as soon as informed of the fact; or if any part is injured or lost we will replace it. We do not consider ourselves held by this guarantee unless complaints are made within ten days after receipt of plants. Sometimes it happens that orders never reach us, and many orders, with cash, reach us without post office or state. Please be particular and save yourselves and us annoyance. When customers fail to receive their Seeds, Bulbs or Plants in a reasonable time they should inform us, and at the same time send a copy of their order, stating the amount of money, and in what manner it was sent.

Whenever writing in reference to previous order, be sure and mention the post office to which goods were to be shipped, and sign the same name as in the first order.

Our Customers in Canada.—There is a duty on some Seeds sent from the United States to Canada. We will, in all cases when it is possible, pay the duties and postage on Seeds purchased at retail catalogue prices, so that our customers will have no trouble or expense, excepting when the price is given delivered at the Express or Railroad office here, such as Potatoes, and other heavy goods.

Foreign Countries.—On packages for Bahamas, Barbadoes, Colombia, Costa Rica, Danish West Indies, Hawaiian Kingdom, British Honduras, Jamaica, Leeward Islands, Mexico, and Salvador, postage will be prepaid as stated above. Our customers ordering from New Zealand, New South Wales, Queensland and Victoria, will kindly remit 24 cents extra for each ounce of Seeds, etc., and those ordering from other foreign countries 10 cents extra for each ounce, or this excessive postage would bring the price received far below the actual cost of the goods.

Correction of Errors.—We take the utmost care in filling orders, always striving to do a little more for our friends and patrons than justice and fair dealing require. In case an error is made, we desire to be informed of the fact, and promise to make such corrections as will be perfectly satisfactory.

Order Sheets.—Please use the "Plant Order Sheet" (Blue) for Bulbs and Plants, and the "Seed Order Sheet" (Yellow), for Seeds and other articles, and it will prevent considerable delay in filling orders. Have questions and letters separate from order and always sign name and post office in same manner on every order and letter.

In writing out order, as far as possible follow same order as in Floral Guide, viz: Annuals and Perennials, Climbers, Everlastings, Green-House, Bulbs, and Vegetables, each alphabetically. *By doing so it will save time in filling order.*

HOW TO SEND MONEY.

There is no safety in sending Postal Notes or Silver, and these are sent at the RISK OF THE SENDER. Please send money with the order.

ALL MONEY MAY BE SENT AT OUR RISK AND EXPENSE, if forwarded according to directions, in either manner here stated.

When remittances are not made according to the following directions, we disclaim all responsibility.

FIVE SAFE WAYS.

Post Office Money Order.—1st. POST OFFICE MONEY ORDERS, to be obtained at many Post Offices, but not all, are perfectly safe, and will cost from 8 to 25 cents. This is the best.

Express Money Order.—2d. EXPRESS MONEY ORDERS, to be obtained at all offices of the American, United States, Adams, Pacific, National, Wells, Fargo & Co., and other Express Companies.

Draft on New York.—3d. A DRAFT ON NEW YORK can be obtained at any Bank, and this is sure to come correctly.

Cash.—4th. GREENBACKS, GOLD, OR SILVER, in amounts not less than Five Dollars (\$5.00), can be sent by express, and these we are sure to get, and the cost is very little.

Registered Letter.—5th. REGISTERED LETTERS. When money cannot be sent by either of the first four methods, it may be sent in a Registered Letter. The cost of registering is 8 cents.

The expense of forwarding money in either of the above ways we will pay, and the cost may be deducted from the amount forwarded.

SUMS LESS THAN ONE DOLLAR may be forwarded by mail at our risk without registering.

N. B.—We send the FLORAL GUIDE free to all customers of 1893, to others we charge TEN CENTS, which amount may be deducted from first order. If any customer fails to receive a GUIDE, please send Postal Card, stating the fact, with name and Post Office.

Geo. S. Conover.



Mrs. E. D. Adams

VICK'S FLORAL GUIDE

CHRISTMAS, 1893.

Dear Friends:

The past year, though a trying one in some respects, has presented many pleasant changes. The gardens have done very well indeed. Many have written of the wondrous growth of the Clematis, Dutchman's Pipe, and Brazilian Morning Glory, while the exhibition of Maggie Murphy and American Wonder Potatoes, sent to compete for our prizes, created a great deal of interest throughout the country, and proved that the potato crop was not an entire failure. A list of prize-winners will be found under the Potato Department.

During these hard times we know of no better way to study true economy, than to carefully select a few choice vegetable seeds and supply the family with fresh vegetables next summer. It will save both doctors and grocer's bills. If you have or can make a hot-bed, nothing will pay better than to force for early market some Grand Rapids Lettuce.

A gentleman reported the other day he had sold his crop of Cabbage from one acre for \$140, and had several tons still on hand to sell, while his wheat from over ten acres would not pay him \$85.

The harder the times the more we want flowers, not only to give away on occasions of joy or sorrow, but to cheer and encourage on life's way. Yes, be sure and plant some flowers; all are better for their influence. The price of a few seeds really amounts to nothing. We were going to say, if you only planted one variety of flowers have that one Vick's Branching Aster, because too much cannot be said in its favor, but we have tried to describe each variety truthfully, showing pictures that instruct, not exaggerate, and would prefer our friends to select for themselves.

We call your attention to the artistic arrangement of the eight different colors used in the pages of Novelties. While we believe this issue to be the best Seed Catalogue ever published, we are now planning for a great advancement in the make-up of Vick's Floral Guide for 1895. This improvement alone will make it wanted by every lover of the beautiful, and a work to be kept for its real value. Notwithstanding the extra expense of this (1895) edition we will mail it FREE to every person who makes a purchase of us during the spring of 1894.

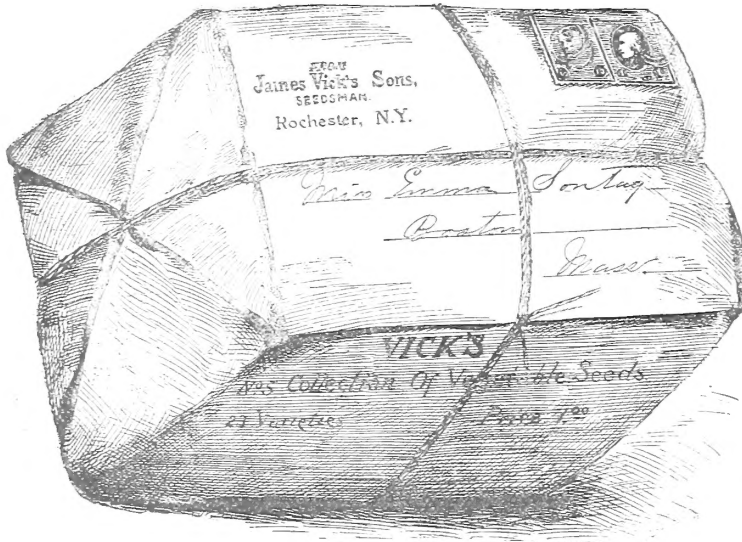
Awaiting your kind commands, which shall have our best attention, and wishing you the compliments of the season, we remain

Yours,

JAMES VICK'S SONS.

Vick's Seed House,
Rochester, N. Y.

JAMES VICK'S SONS,
ROCHESTER, N. Y.



OUR NO. 5 SEED COLLECTION PACKED, AND MAILED IN U. S. POST OFFICE.

Popular Selected Collections.

TO all who want good sensible Collections for the Flower and Vegetable Garden we can recommend either of the following: All of the seeds contained in them are our regular sized packages, and first-class in every respect. They give to our customers a good assortment, best adapted to produce a continued succession of the most useful kinds throughout the year.

Several thousand of our Collections are sold annually, and to the same people, which shows that they are perfectly satisfactory. Those who prefer can of course make their own selection from the regular pages.

Flower Seeds.

No. 1. Twenty Varieties Choice Annuals, \$1.00.	No. 2. Forty Varieties Choice Annuals, \$2.00.
Antirrhinum, mixed.....\$0.05	All that are in No. 1 and the following:
Aster, Truffaut's mixed......10	Aerocolum, mixed.....\$0.05
Balsam, Camellia-flowered, mixed...10	Brachycome, mixed......05
Calliopis, mixed......05	Callendula, Meteor......05
Candytuft, mixed......05	Chrysanthemum, mixed......05
Cockscomb, Vick's New Japan......10	Cypress Vine, mixed......05
Convolvulus Major, mixed......05	Goletia, mixed......05
Dianthus, best double, mixed......05	Glaucium corniculatum.....10
Delphinium, Dwarf Rocket......05	Gypsophila muralis......05
Eschscholtzia, mixed......05	Gomprena, mixed......05
Pansy, extra choice mixed......15	Gourds, mixed......10
Petunia, fine mixed......10	Helichrysum, mixed......05
Phlox Drummondii, fine mixed.....10	Marigold, French......05
Poppy, mixed......10	Marvel of Peru......10
Portulaca, single......05	Maurandia, mixed......10
Sweet Alyssum......05	Perennial Pea, mixed......10
Sweet Mignonette......05	Salpiglossis, mixed......10
Scabiosa, mixed......05	Salvia splendens......10
Sweet Pea, fine mixed......05	Schizanthus, mixed......05
Zinnia, double, mixed......10	Ten Weeks Stock, large flowering dwarf, mixed......10
	Tropaeolum, Tom Thumb, mixed......05
	Thunbergia, mixed......10
	Value No. 1 Collection.....1.45
Making a total of.....\$1.45	Making a total of.....\$2.95
FOR ONE DOLLAR.	FOR TWO DOLLARS.
No. 3. "Beauteous" Collection of 60 Varieties of the Finest Annuals, Biennials and Perennials,..... \$3.00	
No. 4. "Perfection" Collection of 100 Varieties of the Finest Annuals, Biennials and Perennials,..... \$5.00	

Vegetable Seeds.

No. 5. Twenty-Three Varieties, for Small Family Garden, \$1.00.	No. 6. Forty-Six Varieties, All Leading Vegetables, \$2.00.
pa. Beans, Wax or Butter.....\$0.10	All that are in No. 5 and the following:
1 " Beet, Eclipse......05	1 " Beet, Egyptian.....\$0.05
1 " Cabbage, Fottler's Improved......05	1 " Beans, Long Yellow six Weeks.....10
1 " Brunswick......05	1 " Lima, King of Garden......10
1 " Carrot, Chautenay......05	1 " Cabbage, Wakefield......10
1 " Celery, White Plume......05	1 " All Seasons......05
1 " Corn, Perry's Hybrid......10	1 " Celery, Golden Self-Blanching.....10
1 " Evergreen......10	1 " Cucumber, Long Green......05
1 " Cucumber, Early White Spine......05	1 " Egg Plant, New York Purple.....10
1 " Lettuce, Premium Cabbage......05	1 " Lettuce, Imp'l White Cabbage......05
1 " Musk Melon, Emerald Gem......05	1 " Early Hanson......05
1 " Water Melon, Kolb's Gem......05	1 " Onion, Wethersfield Red......05
1 " Onion, Danvers Yellow Globe......05	1 " White Globe......05
1 " Peas, Premium Gem......10	1 " Peas, Vick's Extra Early......10
1 " Champion of England......10	1 " American Wonder......10
1 " Parsnip, Hollow Crown......05	1 " Parsley, Moss Curled......05
1 " Pepper, Large Bell......05	1 " Pepper, Sweet Mountain......05
1 " Radish, Scarlet Olive Shaped......05	1 " Radish, Scarlet Turnip......05
1 " Spinach, New Thick Leaved......05	1 " Chartier Long......05
1 " Squash, Bush Crook-Necked......05	1 " Spinach, Long Standing......05
1 " Hubbard......05	1 " Sage......05
1 " Salsify (Vegetable Oyster)......05	1 " Summer Savory......05
1 " Tomato, Dwarf Champion......05	1 " Tomato, Livingston's Favorite......05
1 " Turnip, Strap-Leaf, Red-Top......05	1 " Turnip, Orange Jelly......05
	Value of No. 5 Collection.....1.40
Making a total of.....\$1.40	Making a total of.....\$2.90
FOR ONE DOLLAR.	FOR TWO DOLLARS.
No. 7. "Giant" Collection (\$4.00 worth) of Finest Varieties of Vegetables for Family Garden..... \$3.00	
No. 8. "Mammoth" Collection (\$6.50 worth) of Finest Varieties of Vegetables for Family Garden..... \$5.00	

We put up separate collections of the choicest seeds, desirable to those wishing any particular class of flowers:

ASTERS.

Eleven distinct races, mixed colors of each in separate packets,..... \$1 00
Truffaut's Pæony-flowered Perfection, twelve separate colors,..... 75
Truffaut's Pæony-flowered Perfection, six separate colors,..... 40
New Rose-flowered, twelve separate colors,..... 60
New Rose-flowered, six separate colors,..... 40
Cocardeau or Crown, six separate colors,..... 40
Pæony-flowered Globe, twelve separate colors,..... 75
Pæony-flowered Globe, six separate colors,..... 40
New Victoria, twelve separate colors,..... 90
New Victoria, six separate colors,..... 50
Dwarf Victoria, twelve separate colors,..... 85
Dwarf Victoria, six separate colors,..... 45
Imbricated Pompon, six separate colors,..... 40
Dwarf Chrysanthemum-flowered, twelve separate colors,..... 65
Dwarf Chrysanthemum-flowered, six separate colors,..... 40
Boltze's Dwarf Bouquet, twelve separate colors,..... 60
Boltze's Dwarf Bouquet, six separate colors,..... 40

BALSAMS.

Six distinct races, mixed colors of each in separate packets,..... \$0 60
Double Rose-flowered, twelve separate colors,..... 65
Double Rose-flowered, six separate colors,..... 35

Double Camellia-flowered Spotted, twelve separate colors,..... \$ 75
Double Camellia-flowered Spotted, six separate colors,..... 40
Improved Camellia-flowered, six separate colors,..... 75

STOCKS.

Six distinct races, mixed colors of each in separate packets,..... \$1 00
Large-flowering Dwarf Ten-weeks, twelve separate colors,..... 85
Large-flowering Dwarf Ten-weeks, six separate colors,..... 50
Large-flowering Wallflower-leaved Ten-weeks, 8 separate colors,..... 65
Large-flowering Wallflower-leaved Ten-weeks, 6 separate colors,..... 50
Giant Perfection Ten-weeks, six separate colors,..... 50

MISCELLANEOUS.

Cockscombs, finest dwarf, twelve distinct sorts,..... \$0 75
Cockscombs, finest dwarf, six distinct sorts,..... 40
Dianthus, twelve species and varieties,..... 1 00
Hollyhocks, Chater's Superb, twelve separate colors,..... 1 00
Hollyhocks, Chater's Superb, six separate colors,..... 60
Phlox Drummondii grandiflora, eight separate sorts,..... 60
Everlasting Flowers, twenty distinct species and varieties,..... 1 00
Everlasting Flowers, ten distinct species and varieties,..... 50
Ornamental Grasses, twelve species..... 50
Ornamental-leaved Plants, twelve sorts,..... 1 00

NOVELTIES . AND . SPECIALTIES.

Under this head are classed all the new and specially desirable Plants and Seeds, both of the Floral and Vegetable Kingdom. Nothing whatever is allowed here unless its character and worth are such as warrant the prominence. We know from practical and personal tests that everything shown is just what it is represented.



**EVERY PLANT
WILL BLOOM
NEXT FALL.**

IN 1888, on grounds in the suburbs of this city there was originated a single plant of a new double White Anemone, as the result of a cross, by some kind bee carrying the pollen, between the singly White Anemone and the semi-double Pink variety. This we have been industriously improving and increasing ever since, and have now sufficient plants to offer it for the first time as the leading Novelty of 1894. It has proven by five years trial to be per-

manent and PERFECTLY HARDY. In this locality and in most severe climates, a hard winter some times

kills the crowns of the unprotected plants of both the White and Red Japan Anemone, but after a test of five winters with plants wholly exposed the double variety has remained ENTIRELY WITHOUT INJURY, showing that it is hardier than the other forms in cultivation. This is a great advantage for the Japan Anemone is a most desirable plant in many exposed situations, and especially for cemetery planting, where it is often inconvenient to get winter protection, and the new form can be especially recommended for this purpose.

HARDY, STRONG AND FREE BLOOMER.

In habit the plant is like the well-known White Japan Anemone; the same strong growth and healthy foliage, and perhaps even more abundantly blooming. The flowers, which are 2½ to 3 inches across, have several rows of white sepals, and the blooms last much longer than those of the single variety. The plants grow quite evenly in height, from 2½ to 3 feet, and with large and plentiful foliage. In a word it may be said that this new double variety, which has been named "Whirlwind," has all the free blooming and other good qualities of the Single White or Honorine Jobort, and the additional ones of great hardness of plants, while the blooms are more lasting. These characteristics are decided advantages and must make a demand for it on all ornamental grounds. (See water color picture on back cover.)

Strong plants ready for blooming, 30 cents each; three for 75 cents.



"Just Lovely."

See water color picture
on front cover.



VICK'S
NEW WHITE
BRANCHING
ASTER

THE FLORIST'S FAVORITE.

The size of flowers, length of stems, and the purity of the Chrysanthemum-looking blooms make them the most useful flowers in existence.

All florists who have seen them greatly admire them, and there is no question that they will quickly find a place for themselves in the flower trade, anticipating, as they do, the Chrysanthemum season by a month or six weeks.



VICK'S
NEW
WHITE
BRANCHING
ASTER.

VICK'S NEW WHITE BRANCHING ASTER

IS A NOVELTY OF
STERLING MERIT.



Absolutely the "New Branching" has no superior. It is easily grown from seed and is of great utility and beauty for bedding purposes, coming at a season when there is little else in flower, anticipating as they do the Chrysanthemum season by a month or six weeks.

The flowers are borne on very long stems and are Pure White of extraordinary size, being four inches and more in diameter. The petals are broad, long and many of them more or less twisted and curled in such a manner as to give the blooms the appearance of large, loose and graceful Chrysanthemums. The resemblance is so perfect that nearly every one would so consider them, when seen as cut flowers. The plant is a strong grower and its tendency to form numerous branches is very marked, therefore it should have more room than the ordinary Aster. The plant continues to grow later in the season than any other variety with which we are acquainted

and blooms correspondingly late, thus giving its crop of flowers in late autumn, a season when there is always a scarcity of bloom.

One lady says that "from six plants after the flowers had been frequently cut for several weeks, all the remaining flowers and buds were cut one evening in October, when a heavy frost was expected, and placed in a large vase on the parlor table for three weeks looking fresh, and the buds opened from day to day." We want all friends to try this beautiful Aster sure; it will please you.

Price, 25 cts.
per packet.

The Admiration of All.

"I must express my admiration for your beautiful New Branching Aster. They bloomed very large and continuously for many weeks. We have taken great delight with them and they have been the admiration of all."

MRS. J. C. BREWER, Sandusky, O.

See the Hearty Endorsement of Mr. Geo. S. Conover, on Page 41. Everybody praises it everywhere, and everybody should get it this season, sure.



The *Aristolochia siphonifera* (Dutchman's Pipe) is a floral curiosity. It is a rapidly growing hardy climber, attaining a height thirty or more feet, with large leaves ten inches across, and curious, pipe-shaped yellowish-brown flowers. At a distance the vine might be mistaken for a bear vine, but the flowers can be taken for nothing else but a Dutchman's pipe. They are three or four inches long, a yellowish-green brown, and deservedly give the name to the vine. It leaves no odor objectionable to the most delicate nerves; it scatters no fire or ashes, and it is a floral curiosity your friends will

laugh at, and when they see your vine they will procure one for themselves. Strong plants each, 50 cents.

ALPINE ASTER.

Aster alpinus is a new and perfectly hardy perennial. It might appropriately be called "The Star of Switzerland."

The plant is a dwarf grower, being only from seven to nine inches in height; at the same time it is very vigorous and sends up numerous stems, each bearing flowers. The flowers are daisy-like, about two inches in diameter with violet or sky-blue rays or petals, and a yellow disk, colors which are a pleasing combination. The flowers are graceful in form, excellent to cut for vases or for personal adornment. The plant appears to advantage when grouped in a mass, or set as an edging, or planted in rock-work.

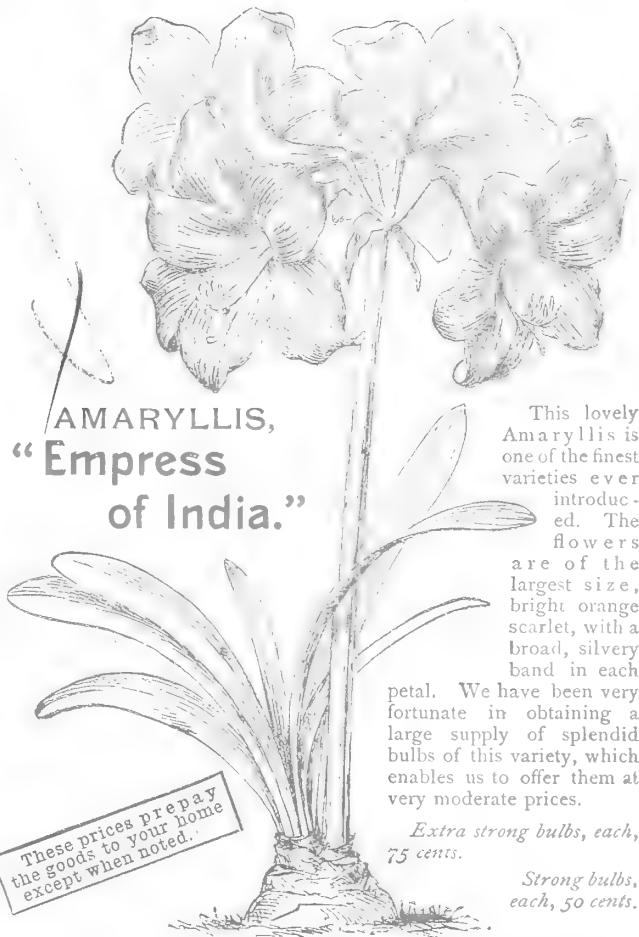
It blooms the last of May and in June; this early blooming habit gives it additional value, for few if any flowers of this style are in bloom so early. Its graceful form and pleasing colors cannot fail to win admirers.



ASTER ALPINUS.

We can recommend it as in all respects agreeing with this description. Those who desire a new, handsome, hardy perennial plant, should not neglect to possess this novelty.

Two year old plants (that will bloom this summer), by mail, 25 cents each; 4 for 75 cents; 10 for \$2.00.



AMARYLLIS, "Empress of India."

This lovely *Amaryllis* is one of the finest varieties ever introduced. The flowers are of the largest size, bright orange scarlet, with a broad, silvery band in each petal. We have been very fortunate in obtaining a large supply of splendid bulbs of this variety, which enables us to offer them at very moderate prices.

Extra strong bulbs, each, 75 cents.

Strong bulbs, each, 50 cents.

These prices prepay the goods to your home except when noted.

A MAGNIFICENT AND LUXURIANT BAMBOO

IS THE

Arundo Donax,

with its graceful tropical foliage. It is the hardiest and most useful of the bamboo-like plants, and is particularly beautiful and effective when planted in an isolated position on the lawn or margin of a lake or stream. Grows from 18 to 25 feet high.

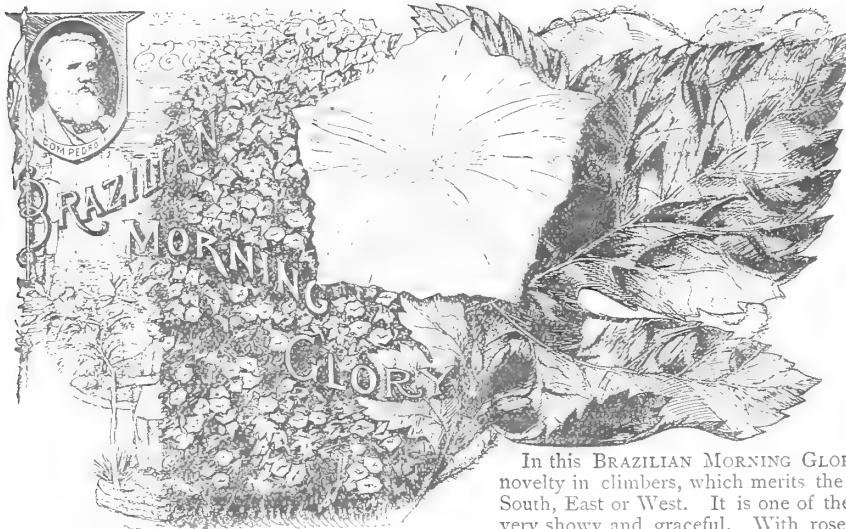
Seeds only 10 cts. per pkt.

A. Donax Variegata, with golden variegated yellow and striped leaves, 6 to 8 feet. This variety needs mulching in winter.

Seeds 10 cts. per pkt.

Strong roots, 30 cents; two for 50 cents.





Immense Flowers.
Huge Leaves.
A Genuine Gigantic
Tropical Climber.
Fully Acclimated.

In this BRAZILIAN MORNING GLORY (IPOMEEA SETOSA), we have a most meritorious novelty in climbers, which merits the immediate attention of people everywhere, North, South, East or West. It is one of the grandest and most luxuriant plants ever grown, very showy and graceful. With rose-colored flowers from 3 to 4 inches across and a huge leaf 8 to 12 inches across, the effect is simply enchanting and tropical in the extreme. Growing in its native climate it frequently exceeds the above gigantic proportions, and it is used to furnish screen and shade from the heat of the tropical sun.

It has become fully acclimated in this country and grows here with a luxuriance and freedom which is simply surprising. Its habit is different from our common Morning Glory, in that it branches in every direction and intertwines in such a manner as to make it absolutely impenetrable by the sun's rays. The immense leaves are borne the full length of the vine, from the ground to the tip.

Careful tests of this excellent flower show that from seeds planted the middle of May the huge trellis was completely covered to a height of 12 feet by the first of August, while by the middle of the month the vines averaged 35 feet in height. The density of the shade was remarkable, owing to the cross branching and intertwining, as the leaves overlap each other like shingles on a roof. Large seed pods, or curious looking capsules, with the short reddish hairs on the stems, make it unusually ornamental and attractive. It will cover an arbor, piazza, or tree quicker than any other climber we know of. We can conscientiously recommend it to all.—Seeds, price 15 cents per packet; two for 25 cents.

Ever Blooming Begonia.

Semperflorens Rosea.



The True Ever-Blooming Species.—Blooms to perfection every day in the year. If you have an unusual extra fine cut flowers, or the best bedding basket, vase, pot, market, and the quickest growing, quickest selling and abundant blooming winter plant, Begonia *Semperflorens Rosea* fills the bill to perfection. It will give the greatest satisfaction. We offer a limited number of extra stock, well branched plants. The two colors of the flowers, dark red in the bud and carmine pink in the flower, give a unique effect. Plants, each 30 cents; two for 50 cents.

A Handsome Spotted Begonia.

(Argentea Guttata.)



At these prices the goods are delivered except when noted.

SPOTTED BEGONIA.

A remarkably fine variety with purplish-bronze oblong leaves, that are handsomely marked with silvery spots and dashes. The flowers are borne on the tips of the branches in large clusters, and are of pure waxy-whiteness. It is a good plant for window culture, easy to grow and always attracts attention, by its finely formed, showy leaves and majestic appearance.

Plants, each 25 cents; two for 40 cents.

Glorious New French Cannas.



ner they make beautiful showy plants—for the porch during the summer, and before frost they may be removed to the window garden or parlor, where *they will continue flowering all winter*. Plants that have been grown in the garden may be potted for the same purpose.

These Cannas *will bloom the year round* if kept in a growing condition.

SPECIALTIES.

Canna, Madame Crozy. This is the **GRANDEST CANNA OF ALL**. The flowers are larger in size and more brilliant in their coloring than those of any other variety. The wonderful freedom of bloom is also a very remarkable feature in this variety; the plants commence to bloom when scarcely a foot in height and the massive spikes of flowers continue forming as the new shoots appear, until the plant reaches its natural height, which is about four feet; they are then crowned with a blazing array of beautiful crimson-scarlet and gold bordered flowers, as large as fair sized Gladiolus blooms. The foliage is bright green, broad and massive, and the flowers are beautiful and delicate in their markings.

Strong plants, each 30 cents; three for 75 cents.

Alphonze Bouvier. This is the King of the crimsons, as Madame Crozy is Queen of the scarlet Cannas, and it is a very difficult matter to decide which of the two is the more beautiful. On first opening the flowers are intense brilliant crimson, but change to a beautiful deep crimson as they more fully expand. The plant makes a luxuriant growth of rich green foliage and produces spikes of enormous flowers in wonderful profusion. *Plants, each, 50 cts; three for \$1.25.*

Capitaine P. de Suzzoni. This is the most beautiful of the spotted varieties; the ground color is a rich shade of canary-yellow, and the entire flower spotted and dashed with a rich shade of red. The plant has handsome light green foliage. *Each, 50 cents; three for \$1.25.*

Paul Marquant. A very showy variety, with large handsome flowers that are of a bright salmon-scarlet, shading to rosy-carmine, a novel and pleasing shade; foliage dark green. *Each, 50 cents; three for \$1.25.*

NOVELTIES.

World's Fair Set, 5 Prize Takers.

Canna, Explorateur Crampbell.—4 ft. Very strong, foliage medium green in color; flower is as large as Bouvier; color clear vermilion scarlet tinted, with minute blood crimson spots distributed evenly over the petals. Flower spikes large. *Each, 75 cents; three for \$1.25.*

Egandale.—3½ ft. Purple foliage, strong, compact flower spikes; color currant red. *Each 80 cents; two for \$1.30.*

Florence Vaughan. This is undoubtedly one of Mr. Crozy's most beautiful and distinct introductions. The flowers of this splendid sort are of the **MOST PERFECT FORM**, the petals are even **BROADER**

THAN THOSE OF MADAME CROZY and more rounded at the ends, which latter characteristic represents the best type sought for in the latest hybridization, are well opened and **OF THE MOST BRILLIANT GOLDEN YELLOW, DOTTED WITH BRIGHTEST SCARLET**, and are the largest of all Cannas, and produced in **CONSTANT SUCCESSION**. *Each \$1.00; two for \$1.75.*

J. D. Cabos.—4 ft. Strong grower, leaves lanceolate, green, strongly shaded with purple; flower stalks numerous, flowers large and round, color rich apricot with deeper shadings, very striking. *Each 75 cents; two for \$1.25.*

George W. Childs.—3½ ft. Florets are nearest like those of Madame Crozy, but with more yellow on the throat and at back of flower, but only about two-thirds the size of the latter; the flower spikes are five inches in diameter, symmetrical and longer than any variety we have and very striking in appearance; the spikes stand well above the foliage of the plants. *Each 75 cents; two for \$1.50.*

Attractively Agreeable.

Charmingly Conspicuous.

Distinctively Delightful.

Eminently Elegant.

We know of but few flowers in which the extolling adjectives can be so truly applied as to the French, or Ever-Blooming Cannas. They are certainly the most effective plants (hence the most popular), either for combining with Calladium, etc., for bedding or lawn decoration, or for single plants scattered. The list of novelties are beauties, of late introduction and were prize takers, consequently are **A No. 1**.

They bloom continually from the time of planting, increasing in size and beauty until cut down by frost. They have the additional advantage of being, also, splendid plants for pot culture; grown in this man-

A PERFECT PAIR OF CARNATIONS.

Carnation, The Florence Eddy. A sport from the famous "Nellie Lewis" and therefore a royally handsome flower bound to be a favorite. It is of strong growth, beautiful rose color, splashed with delicate pink on the outer petals. The "mother" and "daughter" should be grown together. It is fully equal to "Nellie," as it has all its characteristics.

Strong plants, each 35 cents; three for 90 cents.

The Nellie Lewis. No Carnation has given such perfect satisfaction as the charming "Nellie Lewis." It is now the most popular pink sort grown, and the cut blooms are in greater demand than those of any other variety. It is a marvel of beauty. The flowers are of the largest size, most beautiful in form, and of a color never before seen in Carnations, being of the most exquisite shade of pink, with light splashes of carmine that reflect upon the petals, lighting up the whole flower in a most remarkable and indescribable manner. For decorative purposes and corsage bouquets they are unsurpassed, as nearly all flowers are borne on long stiff stems, beautiful in form and exquisitely fragrant. For the florist, both of these are valuable, as the flowers sell at sight, and at high prices. *Strong plants, each 20 cents; three for 50 cents.*

A HANDSOME AND HAPPY HALF DOZEN.

Edna Craig. The most striking novelty of the season. In color it is a most lovely shade of soft light pink; flowers of fine form and great substance, borne on long stiff stems of great size, measuring from two and a half to three inches in diameter. It is of vigorous healthy growth, and a free and continuous bloomer. It has been awarded first honors at all the principal exhibitions throughout the country, and is without doubt the finest of its color in cultivation.

Grace Battles. A fine pink variety of exceedingly free habit; an early and continuous bloomer.

Mrs. R. Hitt. Bright carmine pink, strong grower and free bloomer.

Pearl. Pearly white, large, full and crisp, a good bloomer, tips of calyx recurved, long stiff stems.

Sentinel. Color is deep velvety-scarlet, exquisitely beautiful, very rich in texture, and lights up well at night. Flower is above the average in size, and of beautiful rounded form. A strong grower, and holds the flower erect on long, stiff stems; calyx very strong.

White Dove. Pure glistening white; flower very large and deeply notched; of fine form, very large and of heavy texture. An exquisite and most desirable variety. *Strong plants, each 30 cents. The set of six \$1.50, or any four \$1.00.*

CARNATION--NEW MARGUERITE.

This grand new class excels in all respects; it is the most profuse bloomer of any of the "PINKS." Exquisite in color, showing beautiful shades in white, reds, pink, variegated, etc. It is large in size, perfect in form, of dwarf habit, compact and very robust. This variety should be cultivated by all lovers of this most beautiful family of "PINKS." *Seeds, per packet 20 cents; three for 50 cents.*

CALLIOPSIS "GOLDEN KING."

During the past three years this new variety of dwarf growth has proved a most satisfactory and desirable plant. It grows to a height of only ten or twelve inches and blooms profusely. The flowers, or heads, are an inch and a half or two inches in diameter, the margin of a fine bright yellow and the center a rich maroon. This becomes very popular when known, as its low-growing habit makes it available in many places where the taller varieties would be unsuitable. It adds to the richness and brightness of our gardens by its own peculiar beauty. The Calliopsis (commonly called "Coreopsis") as a garden flower, is one of the most popular of the annuals, and no one acquainted with it will omit it from a collection. As a flower it is equally admired in a growing or a cut state, and it should be raised in liberal quantities. *Price, per packet 15 cents; two packets 25 cents.*



We pay the postage or
express charges (except
when noted.)

NINE MAGNIFICENT "MUMS."

The Glories of November and December.

THE IMPERIAL EMBLEM OF THE EMPEROR OF JAPAN.

In offering these novelties of greatly improved varieties of Chrysanthemums, we take considerable pride: First, because we know each one of them, and have seen their wondrous beauty while the plants were in bloom; and secondly, because our customers may rest assured that in these new sorts there is a rich treat in store for them in the way of new shades of color, and flowers that are of the largest size, most perfect and beautiful in form, and only those that have all the desirable features of a strictly first-class Chrysanthemum.

The set of nine varieties form a beautiful collection.

The two pages, 76 and 77, are resplendent with some other extra fine varieties.

There are also several grand additions to the superb OSTRICH PLUME type, which is now a very popular style of flower.

Chrysanthemum, Mrs. E. D. Adams. This is the largest and most beautiful white Chrysanthemum in cultivation. Specimen blooms of this variety measured twelve inches from tip to tip. The petals are very long, of medium width, the outer ones swirled, as if the flower had been turned swiftly on its stem. A grand variety. See colored plate. Plants, each 30 cents.



GEO. S. CONOVER.

Alice C. Brewster. A magnificent flower; on opening it is finely shaded with lilac pink, which gradually fades to pure white; strong and vigorous growth; flowers large and of fine form. It is a very pleasing variety and should surely be in every collection. For the flower painted in water color from nature see colored plate. Plants, each 40 cents.

A. T. Ewing. Color creamy white, heavily banded and penciled in carmine pink; petals very thick, broad and flat, with nicely rounded tips; flat or slightly reflexed, central petals upright, perfectly double, large and of fine form; very free in growth and bloom. Plants, each 30 cents.

Geo. S. Conover. A new and grand seedling; large flowering and early blooming. It has long been wanted by both professional and amateur florists, as it blooms at the same time as the "Ivory." The flowers are a beautiful shade of canary yellow, and readily attain under ordinary cultivation and soil from 6 to 7 inches in diameter. The petals are broad and firm. The plant is a very strong grower, producing long stiff stems, with rich, dark, showy foliage. See colored plate. Plants, each 40 cents.

Gettysburg. This is a deep crimson variety and excels in its color as Golden Wedding does in yellow. The flower itself is soft and velvety-like. The outer petals are broad and drooping, and have a lustrous sheen in the sunlight. The form is flat with drooping outer petals, which gives it a very graceful appearance. This is

a popular form, and, combined with the splendid color, stamps it as a Chrysanthemum of rare merit. 30 cents each.

Golden Wedding. This is a grand golden yellow variety. Nothing can exceed the richness of its color; it is unrivaled in this respect. It is a remarkably vigorous grower and has such strength of stem that it carries its great globular flowers erect, giving it a bold majestic appearance. Its form is unique; the outer petals droop downward in picturesque irregularity, the center of the flower is built high, with broad petals irregularly overlaid, so that although the flowers are so large they are not heavy, solid looking like many others. 30 cents each.

Ivory. The flower is snowy white, of perfect incurved form, very large; borne upon long stems. Especially desirable for amateurs as a grand pot plant. This is undoubtedly one of the most useful introductions of late years, as it is an early variety, of dwarf habit and free flowering. Plants, each 20 cents.

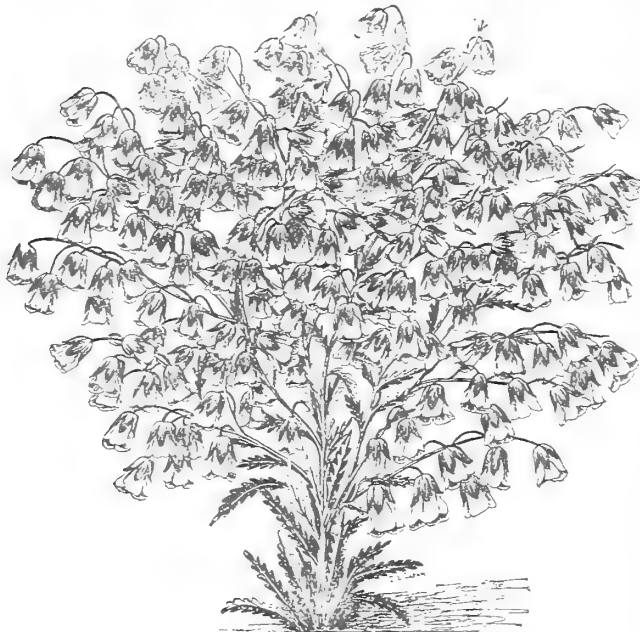
Joey Hill. Of the very grandest size; we know of nothing larger in the entire family. Color deep cardinal red of beautiful shade, faced with old gold; the outer petals are flat, showing the color to good advantage; the center is an immense mass of closely packed petals, no room for another one apparently. Very strong in growth. An entire new departure in reds. Plants, each 30 cts.

Maud Dean. An extra large flowered variety, petals broad and incurving; perfectly double and of great substance; color pink, almost rose, a shade not found in any other variety. A model variety for cut flower purposes in form, size, color, and stem. Plants, each 30 cents.

Chrysanthemum seeds from show flowers, selected from our own collection. Price 25 cents per packet.

The above nine new and beautiful varieties for \$2.25.

TWO BEAUTIFUL BRILLIANT FLOWERS.



CALIFORNIA YELLOW BELLS.
(*Emmenanthe Penduliflora.*)

One of the loveliest of California annuals, which has escaped attention among lovers of flowers. The Yellow Bells of California, as it is called, form a broad bush 18 inches to 2 feet high. Each of its numerous branches is fairly loaded with broadly bell-shaped pendent flowers, a half inch long, and of a delicate cream color. The flowers are almost everlasting, the persistent corolla drying and retaining its shape until the seed has ripened. The pinnatifid foliage has caused the plant occasionally to be taken for a fern, before it blossoms. *Seeds, per packet 15 cents; 2 for 25 cts.*

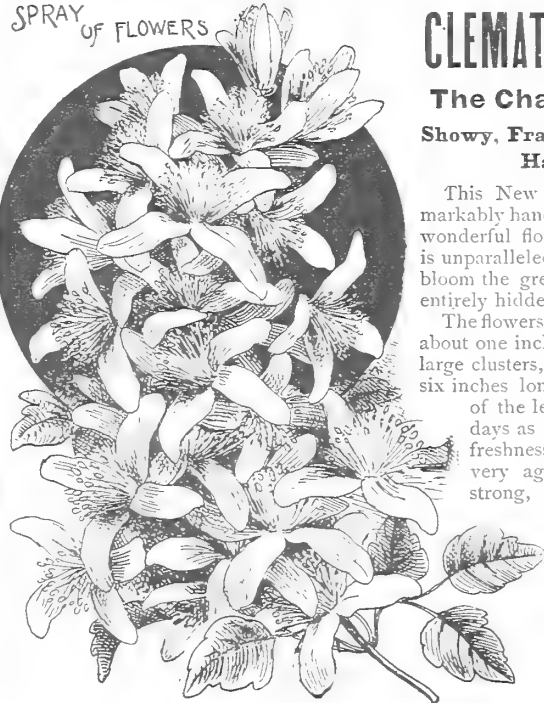


CASSIA CHAMÆCRISTA, or Partridge Pea.

THE CASSIA CHAMÆCRISTA, OR PARTRIDGE SENSITIVE PEA.— This is one of our native annuals which has been strangely neglected in view of its beauty and interesting qualities. The plant, raised from the seed, grows from 12 to 18 inches in height, with compound leaves, each having from 8 to 12 pairs of leaflets, which like those of *Mimosa pudica* are sensitive to touch, drooping and folding together. The flowers are large, an inch and a quarter in diameter, of a canary yellow, two of the petals being purple spotted at the base. They are borne on stems from two to five in a cluster and are produced freely until destroyed by frosts. The seeds are borne in pods like the pea. This plant is not offered as a new one to cultivation, but as one which is but little known and well worthy of attention. -

Seeds, price 15 cents per packet; 2 for 25 cents.

SPRAY
of FLOWERS



CLEMATIS PANICULATA

The Charming Climber.

**Showy, Fragrant,
Hardy and Satisfactory.**

This New Hardy Clematis is a remarkably handsome climbing plant. The wonderful floriferousness of this variety is unparalleled, for when the plant is in bloom the greater part of the foliage is entirely hidden from view.

The flowers are pure white, star-shaped, about one inch in diameter, are borne in large clusters, on stiff stems from four to six inches long, that rise from the axils of the leaves; they will last several days as cut flowers, retaining their freshness, and their fragrance is very agreeable. The plant is a strong, quick grower, with broad healthy foliage which is seldom or never attacked by insects. For any position where a rapid growing climber is desired, we highly recommend this Clematis. *Strong blooming plants, each 50 cents, or two for 80 cents.*

NEW DOUBLE WHITE DAISY, Snow Crest.



A most distinct variety and an improvement on all existing sorts. Its habit of growth and size of flowers, in comparison with older varieties, is gigantic. The flowers, which are borne on stout, stiff stems from 6 to 10 inches long, are of the purest white and full to the center. When fully developed they rise to a conical or sugar-loaf form, and well-grown specimens will cover a silver dollar.

It makes an admirable hardy garden plant or may be forced for cut flowers under the same treatment as violets.

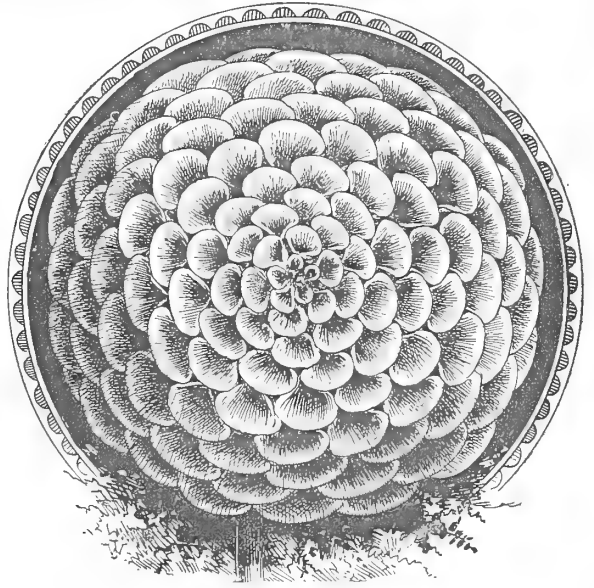
Plants 20 cents each - 3 for 50 cents.

DAHLIA "ETHEL VICK."

Color, Sea Shell Pink.

The offer of a new variety of Dahlia, however perfect it may be, might be said to be only presenting again a flower which has already appeared in countless forms and colors, and thus a repetition of the same style of beauty with which flower lover are so well acquainted. To such perfection, from the florist's point of view, has the Dahlia been carried that it would be difficult to imagine any higher attainment in form or any color or combination of colors not moulded into beauty and perpetuated in the many select varieties now in cultivation. And yet, understanding this perfectly well, we now offer our customers Ethel Vick, a variety of the most unique color, the purest, deepest and softest pink ever entrapped and held in the petals of a flowers, the enameled pink of the sea shell is not more fair. The flower is globular, perfectly symmetrical in form, of medlum to large size, and the plant is a strong, healthy grower and a free bloomer. One description does this beautiful variety but scant justice, and it is offered with full confidence of meeting the highest expectations.

Roots, price, each 30 cents; two for 50 cents.



"ETHEL VICK" (Le Roi).

THE NEW HYDRANGEA.

RED BRANCHED (*Ramulis coccineis*).

It is impossible to impress upon any one the wondrous beauty of this superb Hydrangea; even the smallest plants bear immense trusses of bloom, that are simply amazing. The branches are of a dark red color, brightening to clear crimson as they near the flower heads, which are a beautiful shade of deep rose.

This is a plant of sterling merit; one of the easiest to grow and is sure to succeed with only ordinary care.

Plants, each 25 cents; three for 60 cents; six for \$1.00.

VICK'S SEEDS ARE PUT UP TO GROW NOT MERELY TO SELL.

CURIOUS CACTI.

A very interesting "hobby" with many is the cultivation of these very odd and easily grown plants. The exhibit of these plants at the World's Fair was very large, and to please our customers we give a few of the best.

The set of 11 by mail, postage paid, \$2.25.

Cereus flagelliformis. "Rat tail or whip-cord cactus." Stems very slender, about half an inch in diameter, grows very long. When in flower it presents a remarkably fine appearance. Bright rosy flowers in spring and early summer. 25 cent.

Cereus grandiflorus. This Night Blooming Cereus is a famous favorite. People flock to see it and always admire it. Opens about 8 P. M. and lasts from four to six hours. Perfume is delicate and agreeable. Should be watered weekly with liquid manure while growing and blooming. 25 cents.

Epiphyllum truncatum. Commonly known as the Crab or Lobster cactus. Dark crimson flowers, grows freely and increases rapidly from cuttings. 25 cents.

Mammillaria pusilla. A little gem, having bright silvery spikes, which radiate in the sun. Flowers yellowish-white, with red stripe through center of petal. 25 cents.

Opuntia basilaris. Large fan-shaped leaves and resembles an open cabbage head. Almost purple, flowers quite so. Flowers in May and June. All this class want poor sandy soil. 35 cents.

Opuntia frutescens. A beautiful sort, profuse bloomer and bearing immense numbers of red berries, which when they drop off produce new plants quickly. Very slender and needs water regularly. 25 cents.

Rhipsalis mesembryanthemoides. A dwarf, free branching plant, trailing stems, bearing small cylindrical branches, covered with tufts of hair. Flowers in March, yellowish white; bears a small white berry. 25 cents.

Rhipsalis Saglionis. "Golden Paint Brush." A very cheerful looking plant. Flowers in winter, the end of each having the appearance of being tipped with gold. Easily grown. 25 cents.

Stapelia variegata. This plant is not a cactus, but is of similar appearance and culture, with very peculiar star-like flowers of leathery texture, buff yellow worked with maroon. Roots easily when held to top of ground with a bent wire. 25 cents.



Opuntia microdasys. An extra fine sort, bright green and beautiful. Spotted with tufts of golden yellow. Bears numerous bright green-yellow flowers. Very much admired. 25 cents.

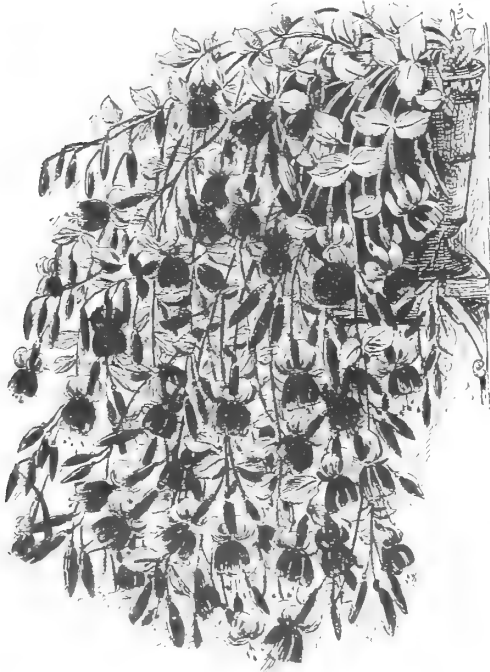
Phyllocactus latifrons. This cactus is frequently called "Night Blooming Cereus," but this name belongs to *Cereus grandiflorus*. The plant is, however, a night bloomer and a very beautiful one. Flowers six to eight inches across, delicious odor. Likes rich soil, plenty of water while growing, shade in summer; in winter just water enough to keep from drying up. 30 cents.

Do you grow Potatoes? See prizes offered on second page of cover.

IMPORTANT.—At the prices named everywhere, we pay the postage or express charges, except when noted.

A CHARMING FUCHSIA

"TRAILING QUEEN."



This beautiful Fuchsia is entirely different from all other large flowering varieties, as it takes the form of a trailing vine. As soon as the young plants start into growth, they go trailing downward, branching freely, until the vines are three to four feet in height, and form a beautiful mass of elegant flowers and foliage. The flowers are very large, long and graceful; the tube and sepals being bright rosy-scarlet, with a deep, rich violet-purple corolla, which changes to a handsome shade of crimson. The plant is a strong, free grower, blooms abundantly, and will become one of the most popular Fuchsias in cultivation. Its beautiful trailing habit makes it one of the best plants we have for window boxes or hanging baskets, as it not only gives us handsome foliage but a profusion of flowers as well, and such as cannot be obtained on any other plant.

Strong plants, each 20 cents; three for 50 cents.

FARFUGIUM GRANDE.

The Brilliant Leopard Plant.

The Farfugium is a decorative plant of the highest order. Its beautiful showy foliage, ease of culture and general adaptability for growing in the house or window garden, should make it one of the most popular plants in cultivation.

The leaves are large, thick and leathery, of a rich, dark, glossy green, and handsomely illumed with showy yellow blotches, of various forms and sizes. It is also well adapted to out-door culture, a warm, partially shaded situation suiting it best. *Strong plants, each 30 cents; two for 50 cents.*



VARIEGATED DAY LILY.

(*Funkia Variegata.*)

Green and white foliage with purple flowers. For a handsome border plant none excels the Variegated Day Lily. Its large white and green leaves are the admiration of all. Perfectly hardy.

Strong Plants, each 25 cents; two for 40 cents.



DICTAMUS FRAXINELLA.

(NATURAL GAS PLANT.)

A very snowy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant volatile oil which under some conditions may be lighted when a match is applied to it.

Plants, each 25 cents; three for 60 cents.

GREVILLEA ROBUSTA.

(THE SILK OAK.)



A beautiful plant for decorative purposes. Quick growth and of easy culture. The leaves are a light bronze color, the tips being covered with a soft down resembling raw silk from which it derives the name of "Silk Oak." For the house it is unsurpassed as it needs little attention. In Florida it grows to a large size and then produces flowers of a bright orange color.

Plants, each 35 cents; two for 60 cents.

NEW AND DESIRABLE GERANIUMS.

Silver Jewel. Double crimson Scarlet; flowers like miniature rose buds; leaves green, with heavy white border. One of the most beautiful variegated-leaved varieties ever offered in Geraniums. See illustration.

Spotted Beauty. A fine advance on Spotted Gem; the color is soft rosy lavender, and is heavily dotted about the center with points of bright crimson; the floret is quite circular with petals overlapping and is of fine size. Extremely fine sort.

Magenta Queen. Beautiful shade of Magenta, with crimson shadings.

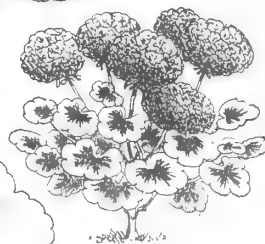
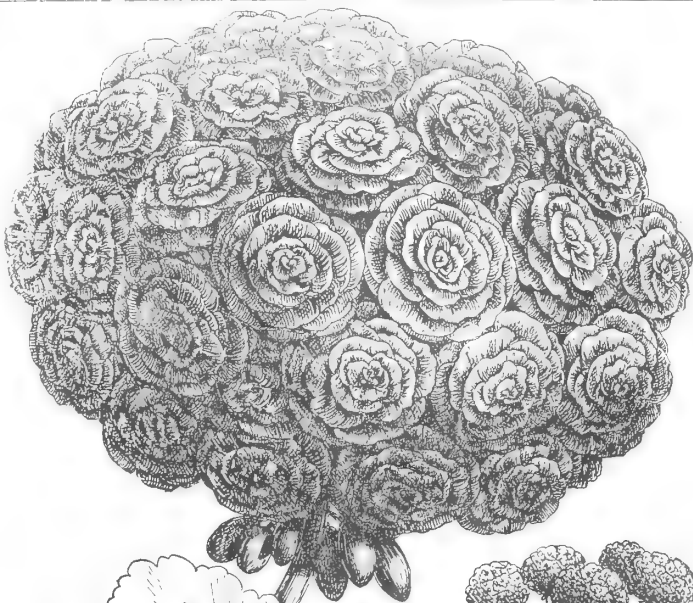
Violet Queen. The truss is enormous, and is of most beautiful shadings of rose and heliotrope; an exceedingly fine fancy sort, that catches the eye at once.

Banquise. Single. A strong and very compact grower, foliage bright green; trusses enormous, on very long stems; pure white throughout the season. M. Bruant pronounces it the very finest white ever introduced for bedding.

Beauty of Richmond. Intense orange scarlet, very dazzling with large white eye, floret perfectly circular and of immense size; foliage lightly zoned. A seedling from Beauty of Kent, extremely fine.

General Championnet. The novelty of the year in Ivies. Flowers enormous, of the beautiful full rounded form of the Camellia-balsam; color, a good red. A most beautiful addition to this lovely family.

Plants 35 cents; any two 60 cents; the set of seven \$1.90.



GERANIUM
SILVER JEWEL.
A CHARMING VARI-
EGATED VARIETY.

HELIOTROPE.

Gerbe fleur. A fine new bedding variety; flowers pure white.

LaBosca. A fine purple, with white eye.

Plants, each 25 cents; 2 for 40 cents.

TWO HANDSOME IPOMŒAS

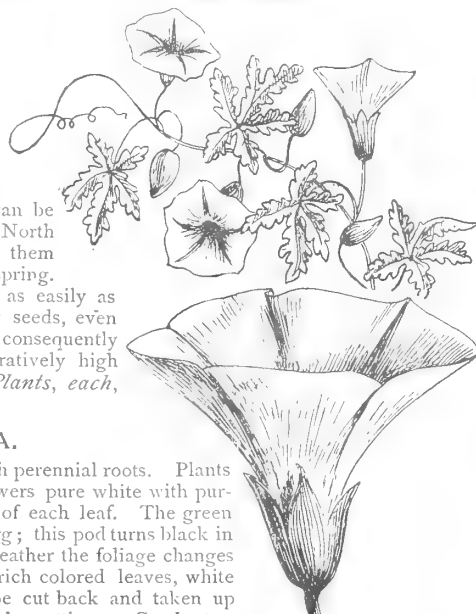
Ipomœa Goodellii.



A branching plant with long heart-shaped leaves and flowers in clusters borne on long stems, carrying from fifteen to twenty open flowers at a time. Flowers trumpet shaped, or like those of the common Morning Glory, of rosy lilac color, with a deep shade at the center. Plant grows easily from the seed and come into bloom in two months, and continue blooming all through the summer and fall. In the Southern States will continue to bloom until Christmas, and the plants can be left in the open ground all winter. At the North it is necessary to take them up and store them away in the cellar, like Dahlias, until spring. Plants can be raised from slips or cuttings as easily as Geraniums. The plant produces but few seeds, even under the most favorable circumstances, consequently these will always be scarce and comparatively high priced. *Seeds, per packet, 20 cents; Plants, each, 30 cents; two for 50 cents.*

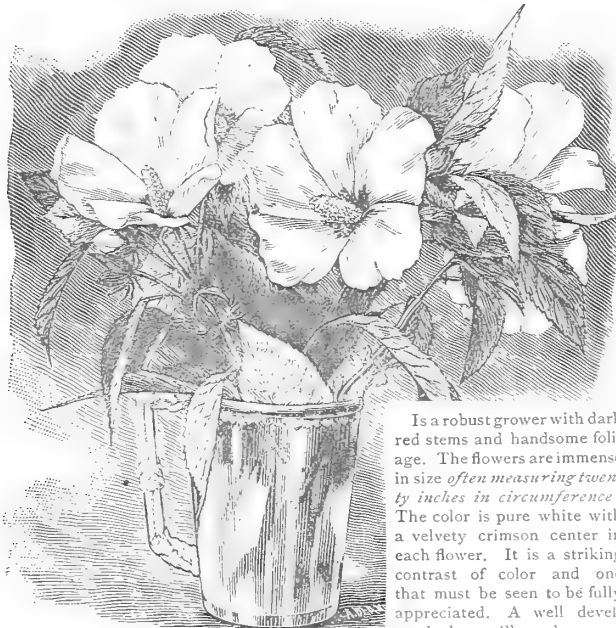
IPOMŒA SINUATA.

A handsome running or twining vine with perennial roots. Plants will grow to blooming size in two months from seed. Leaves deeply cleft, lace like. Flowers pure white with purple throats, opening in the morning and lasting all day. Flowers produced from the axil of each leaf. The green capsules which follow are oval, an inch and a half in diameter, or the size of a partridge egg; this pod turns black in ripening and when open discloses three large, glistening, ebony black seeds. With cool weather the foliage changes its color to scarlet and golden, and at this time the plant is particularly beautiful with its rich colored leaves, white flowers, bright green capsules and glistening black seeds. In cold climates the plant can be cut back and taken up and wintered in a cellar, to be planted the following spring. Plants can be propagated by cutting. *Seeds, per packet, 20 cents; Plants, each, 30 cents; two for 50 cents.*



IPOMŒA SINUATA.

NEW HARDY HIBISCUS. "CRIMSON EYE."



Is a robust grower with dark red stems and handsome foliage. The flowers are immense in size often measuring twenty inches in circumference! The color is pure white with a velvety crimson center in each flower. It is a striking contrast of color and one that must be seen to be fully appreciated. A well developed plant will produce sev-

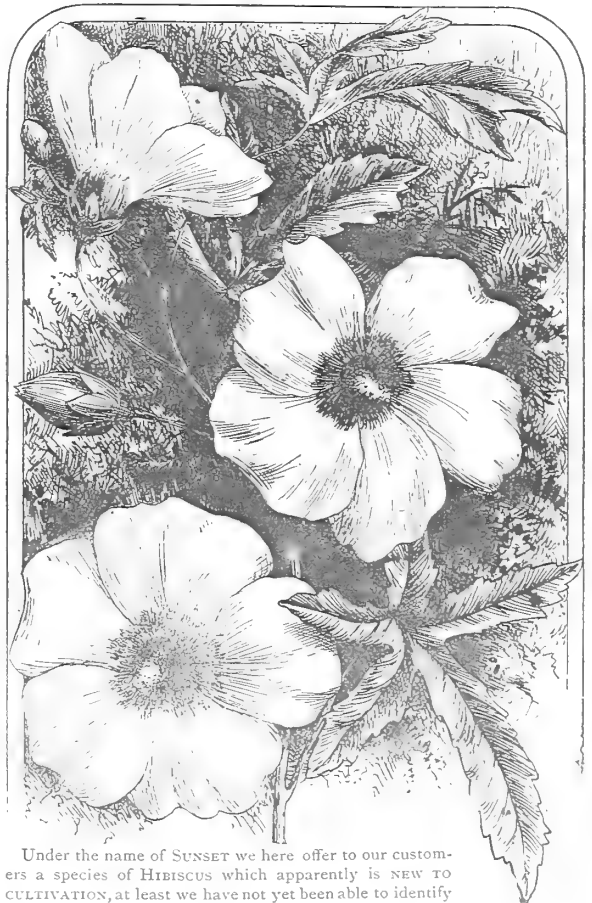
eral hundred of these flowers in a season. It will succeed anywhere and is perfectly hardy, blooming the first year after planting.

Strong one-year-old plants, 25 cents each; two for 40 cents.

Strong two-year-old plants, 35 cents each; two for 60 cents.

NEW PERPETUAL BLOOMING HIBISCUS "SUNSET"

RAISED FROM SEED.

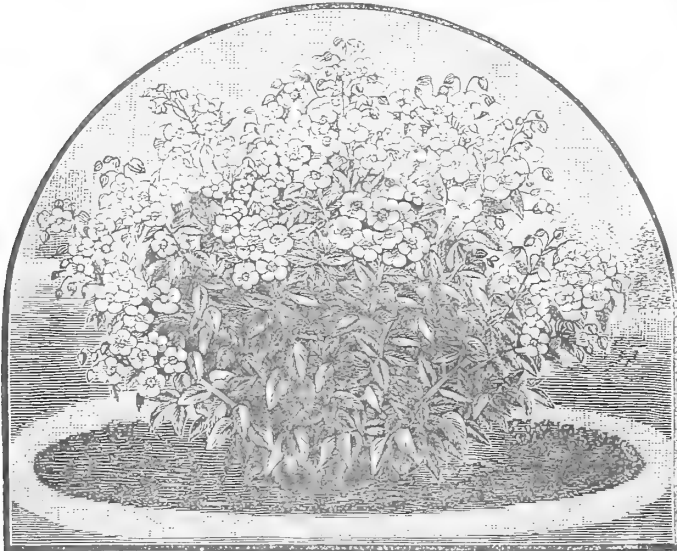


Under the name of **SUNSET** we here offer to our customers a species of **HIBISCUS** which apparently is **NEW TO CULTIVATION**, at least we have not yet been able to identify it as any species hitherto described. It is a **SHRUBBY, WOODY PLANT** of perennial character. The leaves are deeply cleft into long, narrow lobes which are coarsely toothed; the lobes or divisions are wide spreading. The **FOLIAGE** of the plant is thus quite peculiar and **STRIKING IN APPEARANCE**. The plant is an early and continuous bloomer and the **BELL-SHAPED FLOWERS** are of remarkably **LARGE SIZE**, being from **SIX TO NINE INCHES** in diameter. The color is a rich deep cream with a maroon center of velvety appearance, each petal having a dark maroon blotch at the base, making a **magnificent flower of great beauty**.

While the individual flowers are so large and handsome, it is a matter of surprise that the plant can produce from ten to fifteen of these splendid great blooms at one time. Still more so that the season of blooming should be continuous, for the plants commence to bloom quite young and continue until checked by the frosts of autumn. The plants are easily raised from seeds, and, in order to have the benefit of the whole season these should be started early in the greenhouse or frame or window so that the plants may be fairly well developed in time to set out early in the garden border, or as soon as the warm, settled weather has fairly commenced. They will then go on to make large bushy shrubs, numerous branched and at all times having expanded a considerable number of the great showy flowers, together with buds in different stages of advancement. This plant has been brought to notice by a lady of Louisiana, Mrs. M. E. C. Pearce, a cultivator of flowers of extended experience, observation and reading, by whom it is recommended unreservedly and in the highest terms as a plant which will give complete satisfaction even to inexperienced amateurs. The plant being perennial it can be protected somewhat if necessary in the mild climates of the Southern States and California and thus wintered over, while at the North it can be taken up and cut back and wintered in the greenhouse or cellar and planted out again in the following spring.

Seeds per packet, 25 cents; two for 40 cents.

THE LARGE FLOWERING HIBISCUS



This elegant shrub is perfectly hardy in any place and is one of the most beautiful hardy flowering plants we have. Each spring the plants send up numerous branches, which from well established roots grow to a height of five to six feet.

The flowers are as large as a saucer, very attractive and produced in great profusion from July to September. The colors range from pure white to bluish and deep pink. This is one of the most beautiful and showy lawn plants of recent introduction.

Plants, each 25 cents; two for 40 cents.



— JAPANESE —

VARIEGATED HOP.

A MOST DECIDED NOVELTY.

ELEGANT IN DISPLAY.

DISTINCTIVE IN MARKING.

ADMIRABLE FOR DECORATION.

This JAPANESE VARIEGATED HOP was introduced last season by us in America. At a little distance it looks like a mass of small white flowers spotted in amongst the green. The illustrations shown are direct from the plant, the cut of leaf being $\frac{2}{3}$ natural size.

It is an annual, a very rapid grower, useful and ornamental. The leaves (averaging from 6 to 7 inches across) are beautifully and distinctly marked with silvery white, yellowish green and dark green, partly regularly striped. In many cases the leaves are almost white, and no green-leaved branches appear. This is not to be confounded with *Humulus Japonica*, which has only green leaves. It is not injured by insects, does not suffer from the heat and it retains its fresh, lovely variegated and densely packed foliage until cut down by frost! The plant is very vigorous, and will rapidly cover porches, fences, summer houses and rustic arches and gateways. Seeds, per packet, 20 cents.

THE HARDY MOONFLOWER.

IPOMŒA PANDURATA.

This beautiful climber is tuberous rooted, perfectly hardy, and will therefore increase in size and beauty with each season's growth. The flowers are very large, from four to six inches in diameter, pure white, shading to pink, with a handsome purple throat; and they are produced in such wonderful profusion that a well established plant will have hundreds of these magnificent blooms upon it at once, making a grand sight. The flowers open in the daytime and last for several days before fading; they are larger and more showy than the ordinary Moonflowers. It has so many excellent features it will become more desirable than any other. Plants each, 25 cents; five for \$1.00.

VARIEGATED LEAF MOONFLOWER.

Foliage beautifully marked white and vivid green. Flowers identical with plain variety. Not hardy. Plants each, 30 cents; 2 for 50 cents.

MEXICAN PRIMROSE.

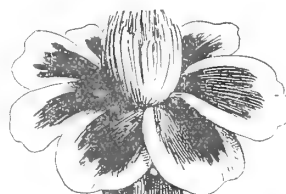
A charming plant which in its freedom of bloom excels all others. The young plants commence to bloom almost as soon as they are potted from the cutting bench, and will continue to bloom throughout the entire year, and the year following, if grown in pots. A good specimen plant will always show from one to two dozen flowers. The flowers are almost three inches in diameter, cup-shaped, of a beautiful bright pink color with scarlet veins, and have a large, showy, white center. It is a plant of easy culture and will succeed in any soil or situation, therefore one of the most desirable for winter culture. In the garden it grows freely and blooms in great profusion all through the summer and autumn. If you desire a plant of easy culture, that is graceful in form, a constant bloomer, and indeed one of the most lovely plants in existence, you will find it in the Mexican Primrose.

Plants, each 25 cents; 2 for 40 cents.

MATRIMONY VINE (Chinese).

A vigorous, hardy climber covering a large amount of space. Flowers bright purple, succeeded by scarlet berries nearly an inch long. Excellent for trellises or for covering anything that is unsightly.

Plants, each 40 cents.



Dwarf Marigold.

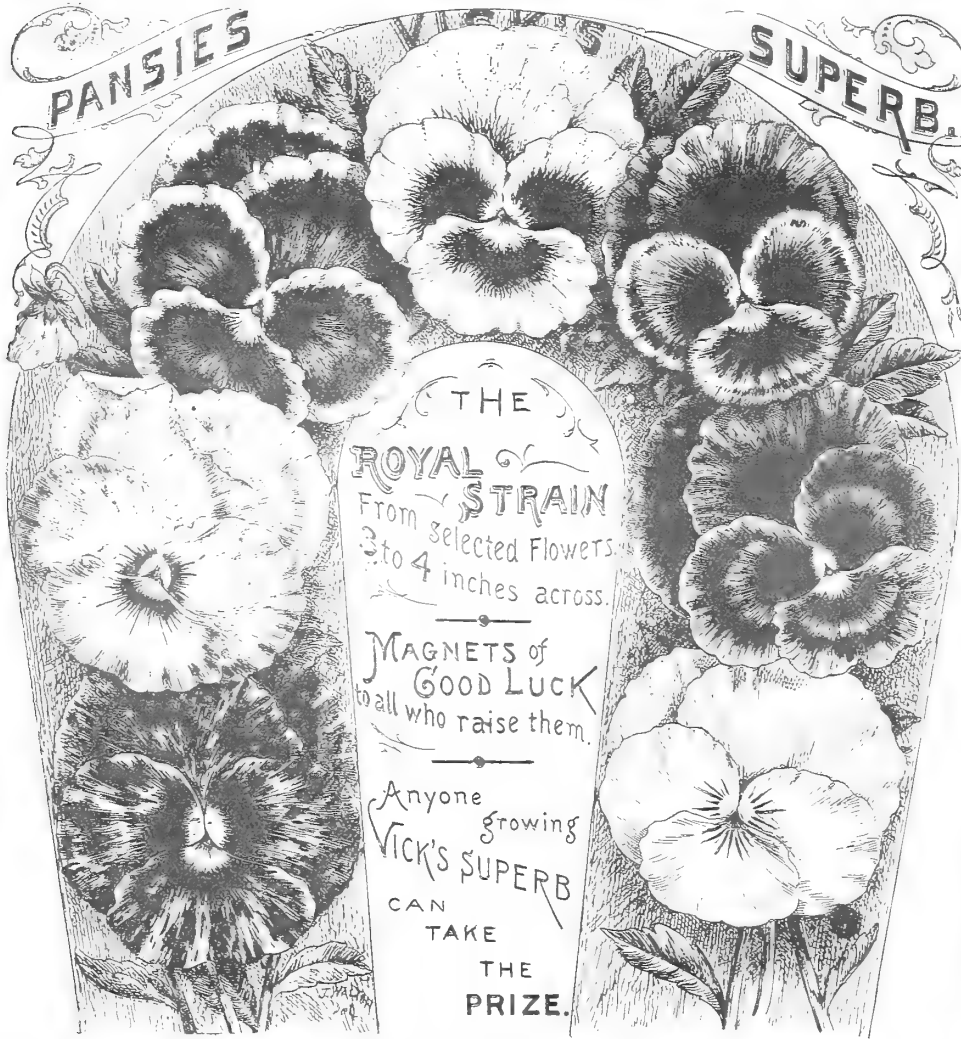
"LITTLE BROWNIE."

A charming single-flowering pigmy Marigold, forming compact little bushes only five to six inches high, producing a fine effect when grown in masses and unrivaled for borders.



Dwarf Marigold
LITTLE BROWNIE.

The duration of the flowers and the great resistance of the plant to drought is marvelous; should it be so dry that the foliage disappears, yet the flowers are perfected. The latter are vividly colored yellow or gold, with a large spot of brown velvet. (See cut.) Seeds, price, per packet, 20 cents; 2 for 30 cents.



VICK'S Superb Pansies.

Apart and away from all common varieties we have grown these Superb Pansies to a highly improved state and the seeds are only from the finest selected flowers. In many cases the flowers are from 3 to 4 inches across. The Princess of Wales, favorite decoration is a basket filled with Superb Pansies shaded from light to dark, trimmed with ribbon of similar shades. We know of no flowers so companionable and life-like. It requires no great stretch of the imagination to believe that they understand, and are proud (in a modest way, of course,) of our admiration.
 Price, per packet of "Superbs" 50 cts.; two packets 20 cts.

Stately Palms.

As decorative plants for the house many species of Palms are rarely prized. Happily those species which will thrive in ordinary heat and with least care are among the handsomest and most desirable of the genus. They will do well at a window where there is little or no direct sunshine. This peculiarity makes these plants adapted to places quite unsuited to ordinary house-plants. A regular but not excessive supply of water, and a fair light, are all the plants demand during the cool season. In summer a more liberal watering is required. The soil should be a substantial fibry loam with a small quantity of well rotted manure. A daily syringing of the leaves is an advantage in summer, but in winter once a week is sufficient. If kept in a living room with a dry furnace heat, daily syringing or spraying the leaves is advisable. We here offer plants of the handsomest and most reliable species. *First size 8 to 12 inches high; second size, extra fine, 18 to 20 inches high. Sent only by express, not paid.*

Palms, *Areca lutescens*. This is one of the handsomest of all the Palms, desirable in every stage of its growth. It is an easy plant to manage and always looks well. Its gracefully recurved and pinnatifid, glossy, green fronds make it a most pleasing object. The trunk and stems become more or less yellow with greenish spots, an added feature of beauty. *First size 30 cts.; second size \$1.00.*

***Kentia Belmoreana*.** A graceful arching-leaved plant, with long, terete, shining, yellowish-brown petioles, with the divisions of the leaves from twenty to thirty in number, strap-shaped, and deep green in color. This Palm has the reputation of being able to stand a great deal of ill usage and yet maintain a good appearance. The young plants are very handsome. *First size 75 cts.; second size \$1.25.*

***Kentia Fosteriana*.** The beautiful "Thatch Palm," very similar to the other, but the petioles are a brighter green and the leaf divisions narrower, more delicate and graceful. A handsome Palm for table decoration. *First size 75 cts.; second size \$1.25.*

***Latania Borbonica*.** This handsome Palm has fan-shaped leaves, split into divisions at the apex, and frequently there are threads hanging between the divisions. The plants will grow into magnificent specimens in time. It is a strong, vigorous plant and makes a fine appearance in the window, or in contrast with other plants in the green-house or conservatory. *First size 50 cts.; second size \$1.00.*

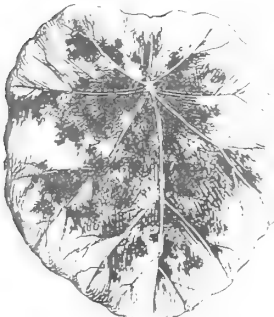
***Phoenix reclinata*.** A genus of very hardy and rapid growing pinnate leaved Palms of which there are several species, all of them handsome. In a young state these plants do not show their true leaves, but they grow so rapidly that they soon develop the divided leaves and form fine specimens. *First size 50 cts.; second size \$1.00.*

***Seaforthia Elegans*.** This is the beautiful "Feather Palm" of Queensland, where it is one of the most conspicuous and stately objects in the landscape, growing as it does to a height of 70 to 80 feet. The pinnate leaves are a lovely soft light green and most gracefully arched. *First size 50 cts.; second size \$1.00.*

NASTURTIUM.

Climbing Variegated. A charming variety from France, whose beauty of foliage is at once striking and useful for ornamentation. It is strikingly marked with green and creamy white, flowers orange scarlet.

Plants each 30 cts.; two for 50 cts.



GOLDEN STAR OXALIS.

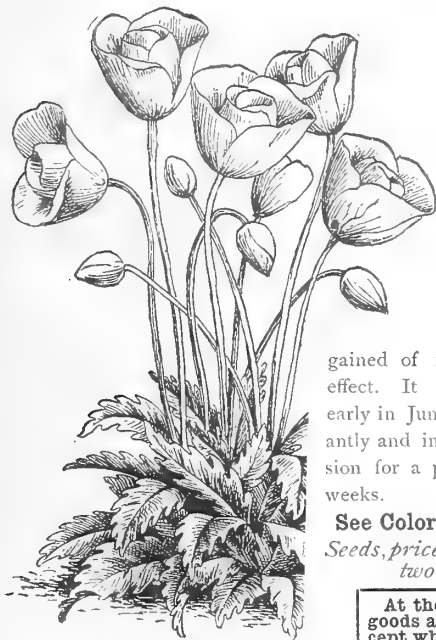
Oxalis Ortgiesi.

This is a very satisfactory plant for pot culture, and has attractive foliage. ALWAYS IN BLOOM and does not require any special care or treatment to be grown to its greatest perfection. Ordinary soil, a fair amount of sunshine, and water when necessary seem to meet all its requirements. The plant grows from 12 to 15 inches in height, branching freely, like a small tree in form, with dark olive foliage, underside of which is a beautiful crimson.

The flowers are in clusters, star-shaped, of a bright golden yellow color that harmonizes beautifully with the handsome foliage of the plant. This a true ever blooming plant, that is in BLOOM ALL THE YEAR ROUND.

Plants, each 20 cents ; 3 for 50 cents.

POPPY "THE TULIP."



A new and distinct variety and a decided novelty. Plants from twelve to fourteen inches high, producing well above the foliage fifty to sixty large and splendid flowers of the most vivid scarlet imaginable. From a mere description no adequate idea can be

gained of its strikingly beautiful effect. It commences blooming early in June, and flowers abundantly and in uninterrupted succession for a period of six to eight weeks.

See Colored Plate, page 54.

Seeds, price per packet 15 cents ; two for 25 cents.

At these prices the goods are delivered (except when noted.)

NICOTIANA.

IV. Decurrens. This variety is a dwarf form which branches freely from the ground, giving a great number of flowering branches. It is therefore a prolific bloomer, the flowers being in all respects like those of *D. Affinis*, described (with cut) on page 50. It is large, with long tubes, pure white and exquisitely fragrant. Its great number of flowers open before sundown, and close about ten o'clock next day, re-opening next day towards evening. Seed can be started in the house if desired, but when sown in the open ground they commence blooming as early as July.

Price, per packet 15 cents ; 2 for 25 cents.

With one or two pots of it any one can raise an abundance of the far-famed, delicate and fragrant orange blossoms. It is a dwarf orange, which grows, blooms and fruits freely in pots, even when only a foot or two high. The fruit is about one-half the size of ordinary oranges. The blossoms are produced in great abundance, delicate and beautiful in color, and rich in delicious perfume. The plants we supply are strong and ready to bloom and fruit at once. For winter blooming it is truly superb.

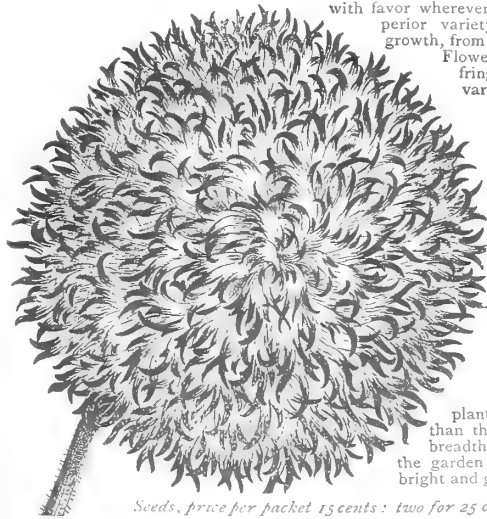
Strong plants 30 cents each ; 2 for 50 cents.

BRILLIANT POPPY.

This beautiful Poppy is received with favor wherever grown. It is a superior variety of strong, robust growth, from 2 to 3 feet high.

Flowers having the petals fringed and presenting a variety of bright colors ; these are pure white with a pink tinge, scarlet, rose, purple and other shades. The ends of the petals or fringes are frequently of a deeper tint than the rest, and are so beautifully blended and bright as to be almost dazzling to the eye. Round as a ball and perfectly double. Unsurpassed for cutting, as they keep much longer than the ordinary Poppy. There is no easier

plant to raise from seed than the Poppy, and a good breadth of the Brilliant in the garden border will make it bright and gay.



Seeds, price per packet 15 cents ; two for 25 cents.

See Colored Plate, page 54.



TAHITI ORANGE

The great beauty, novelty and popularity of this plant is, indeed, wonderful. As a pot plant it can be trained into symmetrical form, and with its dark green, glossy foliage, it is a beautiful specimen. It blooms most freely during winter, though it is likely to bloom at any and all

SUMMER BLOOMERS.



IN making up our sets of Summer Blooming Roses, we have selected such varieties as in our judgment will give the greatest amount of beauty, to those who may wish to grow a few varieties only. The set is composed of standard sorts, many of them being the finest of their class in cultivation.

In consideration of the reduction in price at which the set is offered, we must reserve the right to substitute in case our stock of one or more varieties should become exhausted.

TEN BEAUTIES.

Rose, Alfred Aubert, bright red, beautiful shade. (No. 2.)

Geo. Nabonnand, rosy-carmine shaded with silvery-yellow.

La Princess Vera, rich ivory white, shaded with coppery yellow, veined with pale blush and carmine. (No. 4.)

Mrs. Degraw, rich glossy pink, fine.

Monthly Cabbage, a fine old variety; bright rosy-pink; flowers remarkably full and fragrant.

Marie Lambert, creamy-white; flowers medium size; very free bloomer.

Mad. Lambert, rosy-bronze, changing to salmon and fawn with carmine shading.

Mad. Marthe Du Bourg, creamy white, lightly bordered with carmine on edge of petals. (No. 1.)

Rose, Suzanne Blanchet, rose, tinted flesh color; large and of fine form; very fragrant. (No. 3.)

Souvenir de Dr. Passott, a beautiful shade of bright crimson.

**Each, 15 cts.;
the set of 10
for \$1.25.**

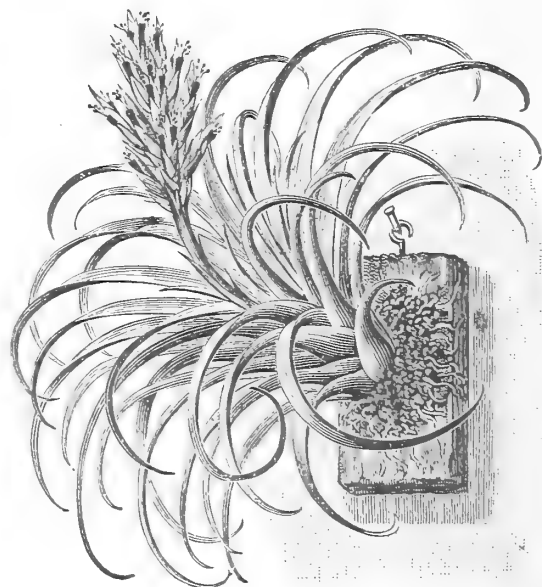
Office NEW RICHLAND MILLING CO.,
New Richland, Minn. }

"The plants sent by you were received in good condition and are looking as happy and cheerful as anything can. Thanking you for the careful manner in which you filled the order,
I am, your truly,
H. G. PASCHALL."

PINE APPLE AIR PLANT.

(TILLANDSIA UTRICULATA.)

This is the largest growing species of all and has a striking resemblance to the pine apple plant. Leaves in full grown specimens are two to three inches wide and two to three feet long, and beautifully recurved. Flower spikes grow four feet high with many branches; flowers white. Plants, each 20 cents.



PINE APPLE AIR PLANT.

WINTER BLOOMERS



WHAT is more acceptable than a Rose bud in Midwinter? To get blooms, it is necessary to have the right kinds of plants. In making this selection we have chosen the standard and reliable sorts which will give perfect satisfaction. In consideration of the reduction at which the plants are offered, we must reserve the right to substitute something else of equal value, in case our stock of one or more varieties should become exhausted.

Rose, Bon Silene. Rich shade of crimson, beautifully tinged with salmon. For many years this variety has been a leading kind for forcing, on account of the great size and beauty of its buds. The flowers on opening are semi-double, which makes it desirable in the bud form only, delightfully fragrant. (No. 1.)

Catherine Mermet. One of the finest varieties, with buds of the largest size, and handsome form. The petals are gracefully recurved, so as to show a lovely bright pink center, which gracefully shades towards the outer edge to very light pink. Plant of strong growth and free blooming habit, very fragrant. (No. 4.)

La Pactole, pale cream lemon, very free bloomer and a beautiful rose. (No. 2.)

Mad. Joseph Schwartz. Blush, edged with carmine. Flowers cup-shaped and borne in clusters.

Niphetos. Pure white; very large.

Perle des Jardins. Rich shade of yellow, very perfect in form, free grower and very profuse bloomer; extra fine. (No. 3.)

Papa Gontier. Brilliant carmine, changing to pale rose; reverse of petals purplish red; large. A magnificent variety that is becoming very popular, on account of the size and beautiful form of its buds.

Safrano. Bright saffron-yellow, changing to fawn, sometimes tinged with rose; beautiful buds; fragrant.

The Bride. This is a sport from Catherine Mermet, and is identical with that variety except in color. The flowers are very large, pure white, borne on long, stiff stems, and very lasting after being cut; fragrant.

Valle de Chamounix. Back and base of petals bright yellow, center of flowers highly colored with copper and rose.

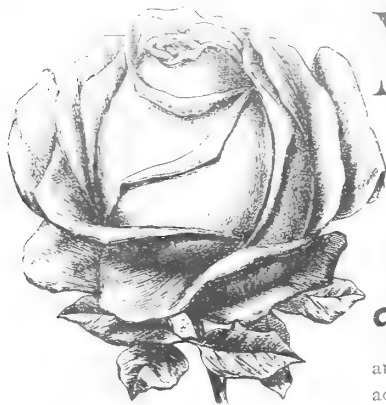
Each 15 cents; the set \$1.25.

THIS GUIDE CONTAINS DESCRIPTIONS THAT DESCRIBE, NOT MISLEAD.

THE RAINBOW PAGES.

All the Novelty and Specialty pages (5 to 36) are printed in colored inks and make a novel and unique departure, which we are sure will be gratifying to our customers. It was impossible for our printers to always get the most appropriate colors on the pages to represent the flowers, but on the whole the effect is very pleasing. Eight colors are used and will be found as follows: Bronze Blue, pages 15, 18, 23, 26; Purple, pages 14, 19, 22, 27; Bright Green, pages 7, 10, 31, 34; Claret, pages 6, 11, 30, 35; Carmine, pages 5, 12, 29, 36; Berlin Lake, pages 13, 20, 21, 28; Sepia, pages 8, 9, 32, 33; Sultan Blue, pages 16, 17, 24, 25. The 1895 Guide will be far in advance of this.

An innovation is again made by scattering crisp idioms, terse epigrams and pithy proverbs at the top of many pages, which tell wholesome truths in a plain, but interesting way. Rolling down the stream of life, being smoothed and rounded by it, they are fit pebbles for use in any David's sling.



THE BRIDESMAID.

NEW MONTHLY ROSES.

ALWAYS LOVELY, AND CONSTANT BLOOMERS.

Nothing so gratifying, satisfactory and pleasing as a group of
Rich and Rare Monthly Roses.

THE NEW MONTHLY ROSES which we offer this year are all beautiful varieties, which take their place among the very best, as their superiority will be recognized at once. For richness and depth of color, handsome form of buds and flowers as well as profusion of bloom, they are far in advance of the older sorts. Several entirely new and distinct shades of color are rare acquisitions. The following are our latest selections from a great many new varieties grown by us the past season, and we offer only the cream.—those which we believe to be the *very best*.

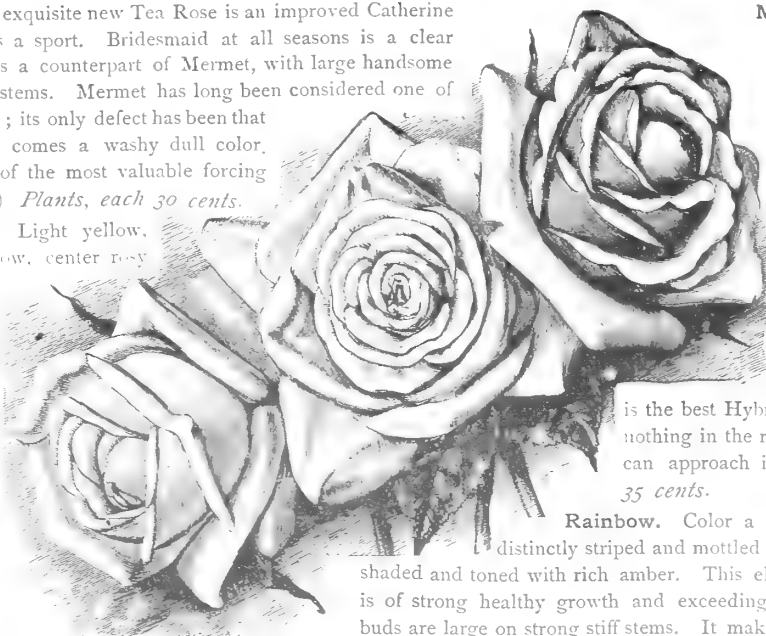
Bridesmaid. (Tea.) This exquisite new Tea Rose is an improved Catherine Mermet, from which it is a sport. Bridesmaid at all seasons is a clear delicate pink, in all respects a counterpart of Mermet, with large handsome pointed buds on long stiff stems. Mermet has long been considered one of the best cut flower varieties; its only defect has been that in dark cloudy weather it comes a washy dull color. Bridesmaid will prove one of the most valuable forcing varieties. (See illustration.) *Plants, each 30 cents.*

Elise Heymann. (Tea.) Light yellow, shaded with nankeen yellow, center rose peach; very free flowering; an excellent bedding sort. *Plants, each 30 cents.*

Frances B. Hayes. Bright carmine, a Hybrid between Bourbon and Tea. An exceedingly free bloomer and strong, vigorous grower, and it is one of the very best bedding Roses yet introduced; it is also fine for Winter blooming; has fine handsome foliage and is very sweet scented; though not extra large buds it produces immense numbers of flowers, exceedingly bright in color, retaining its brightness for days after being cut. *Plants, each 30 cents.*

Grand Duchess Hilda. (Tea.) Plant of moderate free growth. Flowers medium in size with large outer petals. Color, nankeen yellow with deeper center. *Plants, each 35 cents.*

Kaizerina Augusta Victoria. (Hybrid Tea.) An extra fine white variety faintly blended with cream color. Very large, full and double, almost perfect in form. Its fragrance is a combination of Tea and Magnolia and is very delightful and distinct from that of any other variety. A free and vigorous grower with beautiful deep glossy foliage. Remarkable free flowering and an excellent Winter bloomer. (See illustration.) *Plants, each 35 cents.*



Mad. Caroline Testout. A grand new Hybrid Tea of the La France type but much larger and of better color, being a bright, clear delicate pink, retaining its color at all seasons. It is of sturdy free habit of growth and exceedingly free flowering, with individual flowers often much larger than La France and as large as Baroness Rothschild; strong stems and handsome foliage. A leading city florist says, "It is the best Hybrid Tea up to date; there is nothing in the rose line that I know of that can approach it in color." *Plants, each 35 cents.*

Rainbow. Color a beautiful shade of deep pink distinctly striped and mottled with bright crimson elegantly shaded and toned with rich amber. This elegant new striped Tea Rose is of strong healthy growth and exceedingly free flowering habit. The buds are large on strong stiff stems. It makes beautiful buds and flowers of large size, with thick heavy petals, very fragrant. A useful variety for cut flowers. *Plants, each 30 cents.*

Triumph de Pernet Pere. Flowers extra large; fine bright red, sometimes passing to deep crimson, very brilliant and handsome; excellent for bedding and cutting, having broad thick petals and long tapering buds with delicious tea fragrance.

Plants, each 30 cents.

The set of 8 New Roses for \$2.25.



KAIZERINA AUGUSTA VICTORIA.

We pack so carefully that all plants will arrive in perfect order.

Solanum Jasminoides Grandiflorum.

A beautiful new plant of trailing or climbing habit, that will attain a height of fifteen to twenty feet, or it may be grown to a bush form by pinching back occasionally. The flowers are borne in large panicles, or clusters, pure white in color, with a violet tinge on the back of petals. It is one of the most desirable plants for pot culture, as it is a constant bloomer both summer and winter; but to see this plant in all its grandeur it should be set out in the garden and grown on a trellis; here the large panicles of bloom will be put forth in almost countless numbers - hundreds of them will be produced on a well grown plant.

Plants, each 25 cents; three for 50 cents; seven for \$1.00.

THE POPULAR AND BEST STRIPED ROSE. VICK'S CAPRICE.

This rare and beautiful Rose gains in popularity every year. As it is PERFECTLY HARDY, and can be grown in any garden with only ordinary culture, it has become one of the most popular Roses now in cultivation. It may be grown to perfection by the amateur, equally as well as by the professional florist. The flowers are large, ground color soft satiny pink, distinctly striped and dashed with white and carmine. It is beautiful in the bud form, being quite long and pointed, also showing the stripes and markings to great advantage, making it a valuable and desirable variety for cutting. It is a profuse bloomer, producing an abundance of flowers in June; and, after the plants are well established, they bloom constantly all through the summer.

Good plants, each, 25 cents.

CHRISTMAS ROSE.

(HELLEBORUS NIGER.)

This is an exceedingly interesting plant both on account of the beauty of the foliage and the flowers and because it will bloom when the

temperature is quite low. Even at the North when the weather continues mild during December it will bloom about Christmas time, though the nights may be somewhat frosty. When the hard frosts set in early, blooming is delayed until early in spring. It is about one foot in height, with handsome, shining, dark green foliage, and sends up numerous flower stems, each having one or two large white flowers that are compared to single white roses. The flowers are fine for cutting; the buds, equal to white rose buds, are admired and much used for button-holes. Plants taken up from the garden in September and potted, can be bloomed in the window, coming into flower the latter part of December. A very desirable plant, and should have a place in every garden.

Price, single plants, 25 cts.; three for 50 cts.; seven for \$1.00.

A CHARMING SPIREA.

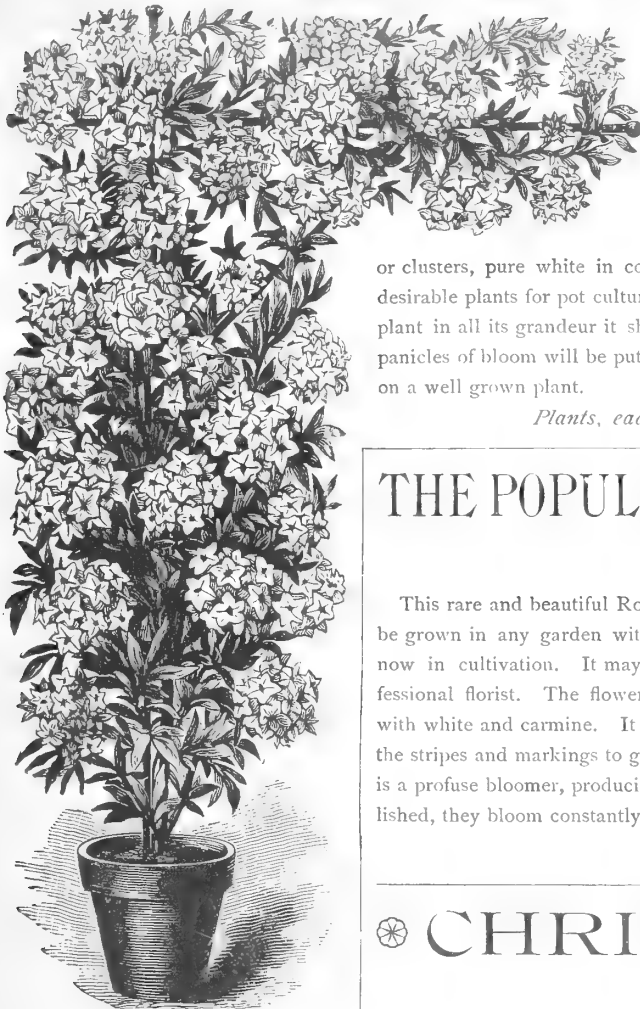
(SPIREA PALMATA ELEGANS.)

It is a beautiful, hardy, free flowering plant with sweet scented white flowers, with red anthers. An exceedingly pleasing and useful plant for cut flowers. Is very satisfactory for hardy berbeaceous border.

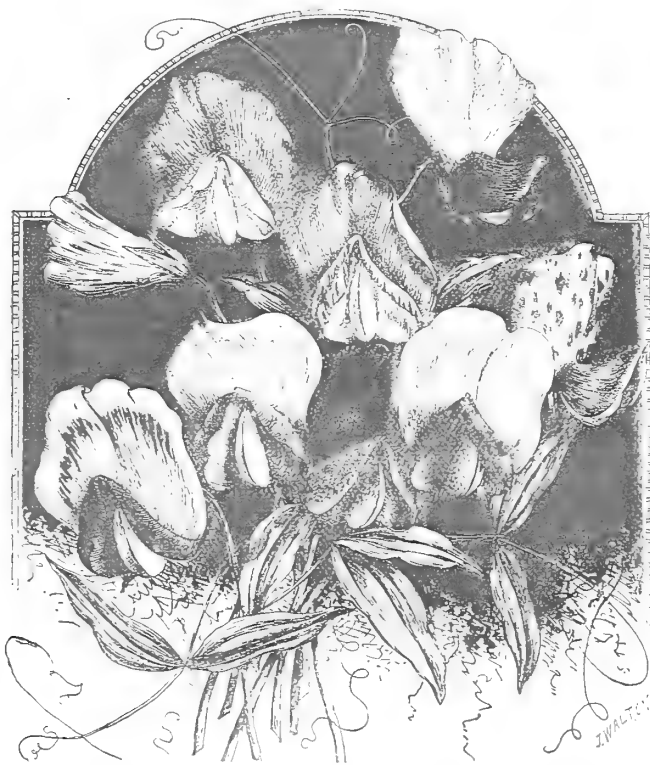
Plants each 25 cents; five for \$1.00.



SPIREA PALMATA ELEGANS.



SOLANUM JASMINOIDES GRANDIFLORUM.



SWEET PEAS

IN CHOICEST VARIETIES.

There is nothing more pleasing, graceful, charming, or fragrant than these delightful, rare and exquisite flowers.

During the past few years many beautiful new varieties of Sweet Peas have been produced by Eckford, of England, and others, most of which are in our regular list without having special attention called to them. The varieties offered below embrace nearly all the best varieties that have been brought out up to the present time. There is no doubt in our minds that they are the MOST POPULAR OF ALL FLOWERS. See page 61.

Peas, Queen of England. A new white variety of extra large size.

Apple Blossom. Standard bright pinkish-rose; wings bluish; very free bloomer; one of the best.

Blanche Ferry. A new and beautiful variety; pink and white.

Boreatton. A fine dark variety, with large flowers. Standard rich shining bronzy crimson; wings beautiful crimson-purple.

Cardinal. A splendid robust growing variety, producing a great profusion of bright shining crimson-scarlet flowers; very handsome.

Dorothy Tennant. Pure violet or rosy mauve, very distinct, beautiful; extra fine.

Duchess of Edinburgh. A very beautiful variety. Standard light scarlet, wings flushed with crimson, slightly marbled and splashed at the edge with creamy-white; wings deep rose.

Fairy Queen. Wings white; standard bluish, pink penciled.

Her Majesty. A beautiful soft rosy pink, very large, showy, handsome; a flower difficult to describe; very grand.

Ignea. Fiery crimson, scarlet standards, wings pale scarlet, flushed with purple; very bright and effective.

Imperial Blue. Very distinct. Standard rich purple, wings bright blue, shaded with mauve.

Indigo King. Standard dark maroon-purple; wings clear indigo blue

Invincible Carmine. The brightest colored of all, being of an intense crimson carmine. In general appearance it resembles Invincible Scarlet, but is far in advance of that variety for cutting purposes as well as for garden decoration.

Isa Eckford. Charming variety, the flowers being a beautiful creamy white, suffused with rosy pink.

Lottie Eckford. Exquisite in fragrance, form and color.

Lemon Queen. Delicate bluish pink, standards tinted with lemon, with bluish almost white wings; a very pleasing variety, large, grand.

Mrs. Eckford. Large, handsome, self-colored flower, of the finest substance, a peculiarly delicate shaded primrose; exquisite.

Orange Prince. One of the most distinct. Standard pink and orange, flushed with scarlet; wings bright rose, veined with pink.

Princess of Wales. A fine variety; shaded and striped with mauve and purple on white ground.

Queen of the Isles. Scarlet, mottled white and rosy purple.

Splendor. Rich bright pinkish rose, shaded with crimson. Superb.

The Queen. Standard light rosy pink; wings light mauve.

Waverly. Rosy claret shaded standards, pale blue wings shaded with rose; very distinct.

Vesuvius. Violet and rose. Distinct, but not brilliant.

New Varieties Mixed. We have prepared a special mixture of the best and most distinct of the new varieties.

Price, per packet, 10 cents, 6 for 50 cents, 12 for 90 cents.

NEW HARDY PINKS.

For permanent gardens and unalloyed pleasure these three are worth growing.

Essex Witch. Unsurpassed in fragrance by any hardy pink. Color, a fine dark pink. Flowers double, petals fringed, calyx firm enough to prevent bursting when in full bloom. Semi-dwarf in habit, a great bloomer, foliage compact, and of peculiar shade of green. Makes an ornamental plant the entire season, grown in clumps or in borders.

Her Majesty. One of the most valuable introductions of recent years. (See illustration.) Valuable as an out-door plant, equally so for house culture. Strong healthy grower. The foliage is a beautiful metallic shade, and remains evergreen throughout the winter in open ground. It is perfectly hardy. The flowers are very large fringed and very double, and pure white. The fragrance is delicious, clove-scented and not too powerful. Long stiff stems support the flowers. Her Majesty is a rival of the Carnation

New Mound Pink. Perfectly hardy and makes a fine compact border, or given room will form itself into shapely mounds of bluish green foliage, that are very ornamental even when not in bloom. It blossoms profusely and shows more or less flowers the entire season, some as late as October 10th. The flowers are single and deliciously fragrant, finely fringed and of a very delicate bluish pink. The cut flowers mass beautifully for bouquets, as the soft rose-fringed bloom is perfect in fragrance and delicateness of coloring. Should be in every garden.

Plants of above new varieties 25 cents each, or the set for 60 cents.



VICK'S BRILLIANTLY
BEAUTIFUL
INVINCIBLE
SWEET PEAS.

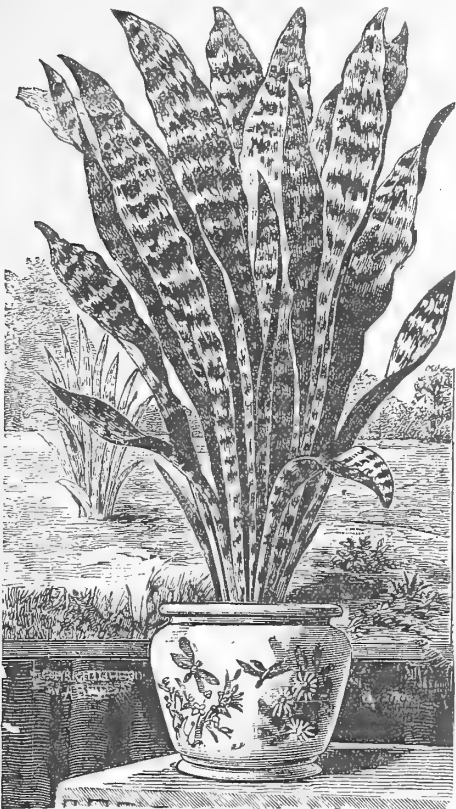
Price, Vick's Invincible Mixed Sweet Peas, per packet, 15 cents, or two for 25 cents; ounce, 50 cents.

SUPERIOR SELECTED STRAINS.

We have for several seasons applied our best efforts toward improving, perfecting, as well as increasing our stock of the mixture which we introduced last season as "VICK'S INVINCIBLE," and which we know will please the most exacting. For flowers of lively yet delicate colors, varying from the pearly white to the darkest and richest reds and purples, this "Invincible Mixture" leads, because it is the result of culling, season after season, only the choicest and best from the flowers of the year previous. The many and various colored and shaded blooms cannot fail to give perfect satisfaction.

AN ELEGANT DECORATIVE PLANT.

This is a very beautiful and rare plant for all decorative purposes. It is also one of the few plants that may be successfully grown out of the sunlight. The foliage is beautifully striped crosswise, with broad, white bands in dark green background and is very unique and fancy in appearance. The flowers are borne in large spikes, about one foot in height, above the foliage, and are composed of long, narrow, recurving petals of a handsome creamy-white color. It makes a beautiful center plant for hanging baskets or vases. It always looks bright and healthy. *Strong plants, each 50 cents.*



DECORATIVE PLANT. SANSEVIERIA ZEALANICA.

COLLECTION OF

Six : Fine : Perennial : Plants.

SOLD ONLY IN THE COLLECTION.

THE HALF DOZEN PLANTS FOR \$1.00.

Anthemis Tinctoria. (GOLDEN MARGUERITE.) An old garden favorite of much value, but now seldom seen, and is one of the best continuous blooming, yellow, hardy flowers for cutting we know of, and for border and shrubbery planting very desirable. It is hardy everywhere, and forms a handsome dense bush some 2 feet high, with dark green, finely-cut foliage. The flowers are produced in great profusion from June to hard frost.

Coreopsis lanceolata. The finest of the class, and one of the most beautiful hardy plants grown; 2½ feet, with lance-foliage, a close, compact habit of growth, and a continuous succession of the most brilliant golden yellow flowers throughout the entire summer of any hardy plant in existence. Each flower is borne on a leafless stem 8 to 12 inches in length, adapting it most admirably for cutting. The flowers are often 2 inches or more in diameter. The flowers will last in water ten days without fading. One of the best perennials ever offered, and gives universal satisfaction.

Iberis sempervirens. One foot. Spring. One of the finest of spring flowers. Dark evergreen dwarf foliage, surmounted by close heads of pure-white flowers. One of the finest plants for general ornamental use.

Lychnis viscaria splendens plena. A lovely plant, habit perfect, dense spikes of fiery crimson-rose, one of the best perennials in cultivation.

Myosotis palustris semperflorens. A perpetual flowering *Forget-me-not*, flowers azure-blue, larger than the type, continuing in bloom until late autumn. A plant highly recommended for a damp situation, or even the margin of water.

Plox Amœna (DWARF PHLOX). A beautiful early blooming dwarf growing species. The plants form a dense mass of evergreen foliage about six inches high, producing a mass of bright pink flowers which completely envelop the plant from April till June. Each blossom head is raised well above the foliage on a clean stem. A very valuable and handsome little plant.

XEROPHYLLUM ASPHODELOIDES.

(TURKEY'S BEARD.)

A desirable hardy plant, indigenous to some parts of the United States and should be grown in a moist situation. It is an odd-looking plant, with grass or sedge-like leaves 15 inches long, which are evergreen. It grows in clumps, from which rise from one to five flower-stems 3 feet high, each bearing a showy head of white flowers.

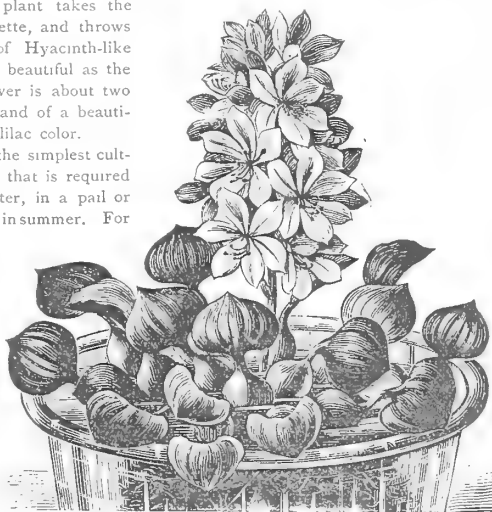
Plants, each 15 cents; four for 50 cents.

WATER HYACINTH.

The Water Hyacinth is a plant of great beauty. It floats on the water by means of curious inflated leaves, from which great masses of feathery blue roots grow downward. The plant takes the form of a large rosette, and throws beautiful spikes of Hyacinth-like flowers that are as beautiful as the Orchid. Each flower is about two inches in diameter and of a beautiful, sparkling rosy-lilac color.

The plant is of the simplest culture imaginable, all that is required is to place it in water, in a pail or tub in the open air in summer. For window culture in winter, a glass vessel is preferable, and it shows the feathery growth of the roots to great advantage.

Every lover of the new and novel should grow it.



Strong blooming plants, each, 20 cents; six for \$1.00.

NEW DOUBLE HARDY

RUSSIAN VIOLET

Perfectly hardy and double blue, deep in color, exquisitely fragrant, flowers freely.

Plants, each 20 cents; six for \$1.00.

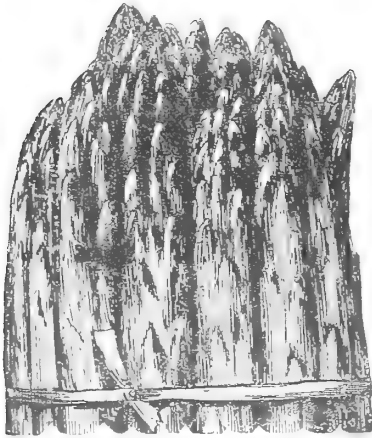
We pay the postage or express charges (except when noted.)



Vick's Illustrated Monthly Magazine one year free with each order for \$5.00 or more. With an order for \$3.00 or over the Magazine will be mailed for one year upon receipt of only 5 cents additional. With \$2.00 order 10 cents additional. See second cover page.

VEGETABLES.

NOVELTIES AND SPECIALTIES



A. Donald, of Elmira, N. Y., one of the best known and largest market gardeners in Western New York, who has made a specialty of this variety and which now takes the

VICK'S MAMMOTH ASPARAGUS

lead of all other Asparagus.

This is undoubtedly the largest and best of Asparagus grown. We have catalogued this variety for the past three years, having obtained our original stock seed from Mr. In color it is bright green, very tender, and when cooked there is comparatively little waste. It is the most desirable for market garden use.

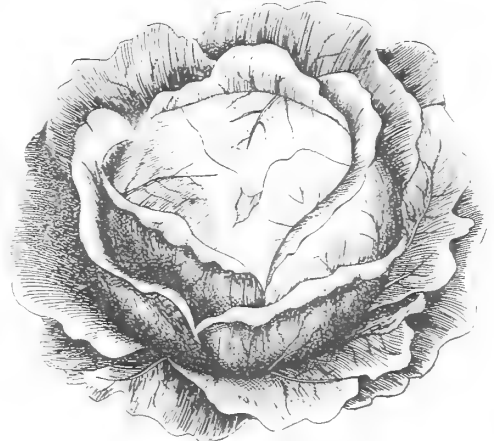
Price, per packet 10 cents; ounce 25 cents; two-year roots, by mail, \$2.00 per 100. By express, not prepaid, \$1.50 per 100; \$12.00 per 1000.

or market crop. It is the leading and favorite Cabbage of Denmark and at all times commands the highest price, being called for in large quantities in London, Paris and other European cities. The seed we offer is grown specially for us by the originator in Copenhagen, Denmark, hence it is pure and true in every particular. Without exception it is the hardest heading variety in existence, remarkable for its great weight and long keeping qualities. It is a second early in maturing. Heads of medium size, firm, tender, crisp, and of excellent flavor, making its handsome appearance a marked advantage. The numerous trials made in our experimental grounds have been fully verified by the many unsolicited testimonials, which justifies us in asserting that the IMPROVED DANISH BALLHEAD CABBAGE is incomparably superior to all other varieties and when once grown no other Cabbage can supply its place.

Seed, price 10 cents per packet; half oz. 20 cents; oz. 35 cents; lb. \$4.00.

IMPROVED DANISH BALLHEAD CABBAGE.

(See Colored Plate.)



The improved strain of this decidedly popular Cabbage is by far the most valuable and profitable sort for either a home or market crop. It is the leading and favorite Cabbage of Denmark and at all times commands the highest price, being called for in large quantities in London, Paris and other European cities. The seed we offer is grown specially for us by the originator in Copenhagen, Denmark, hence it is pure and true in every particular. Without exception it is the hardest heading variety in existence, remarkable for its great weight and long keeping qualities. It is a second early in maturing. Heads of medium size, firm, tender, crisp, and of excellent flavor, making its handsome appearance a marked advantage. The numerous trials made in our experimental grounds have been fully verified by the many unsolicited testimonials, which justifies us in asserting that the IMPROVED DANISH BALLHEAD CABBAGE is incomparably superior to all other varieties and when once grown no other Cabbage can supply its place.

Seed, price 10 cents per packet; half oz. 20 cents; oz. 35 cents; lb. \$4.00.

PLANTS DWARF.
MATURE RAPIDLY.
RELIABLE.
SOLID HEADS.
SNOWY WHITE.
OUTWEIGH OTHERS.

This acme of Cauliflowers, introduced by us a few years since as superior to any other variety for reliability of heading and size and solidity of heads, has, by innumerable trials in all parts of the country, established the claims then made for it, and it stands to-day as the leading variety for market and for private use. The plants are very dwarf, and while the outer leaves are erect the inner ones lap over the heads in such a manner that they are fully shaded from the sun, preserving them a beautiful snowy white. The plants can be set closely, and then grow and mature rapidly under favorable conditions.

Price, per ounce \$6.00; half ounce \$3.00; quarter ounce \$2.00; packet 35 cents.

We pay the postage or express charges except when noted.



VICK'S IDEAL CAULIFLOWER

One gardener says of it: "I have never had finer Cauliflowers." Another says: "I find the heads of your 'Ideal' Cauliflower average larger than those of any other variety I have raised, and also such 'heads' of 'Ideal' as are apparently the same size as other sorts invariably outweigh them."

THE "CHARMER" PEA

Pleases Everybody Because:—Very Productive; Highest Quality; Fine Flavor; Staying Qualities; Great Merit; Deep Green Color; Large Peas; Closely Packed; Nine in a Pod.

This new variety of large podded, handsome Table Pea, introduced by us, jumped at a bound into instantaneous favor all over the United States.

The plants stand from three and a half feet to four feet high, and bear large, long pods, mostly in pairs which are packed remarkably close with flattened, greenish-white, wrinkled peas, and these when cooked, are of the finest flavor and color. The weight of the Pea compared to the pod is much greater than usual, producing more shelled Peas than any other variety.

In season it follows Little Gem and comes before Champion of England. Both for the market and family garden this Pea will be found of the highest merit.

Everybody is charmed with this variety, and whether for private use or marketing, a liberal quantity should be planted.

Price, per packet, 10 cents; per pint, 30 cents; per quart, 50 cents.

Vick's Pea, King of the Dwarfs.

This new seedling, introduced by us, in season follows closely McLean's Little Gem, coming into market in the space intervening between the early and the late varieties. The vines are sturdy and remarkably vigorous, growing about two inches taller than the Little Gem, and bearing a profusion of pods, which are packed closely with large Peas. On careful comparison, both as to number of pods and Peas in the pod, with all of the principal dwarf varieties, including the American Wonder, we find that the King of the Dwarf outyields them all by 20 per cent., all planted at the same time, on the same soil, with equal cultivation.

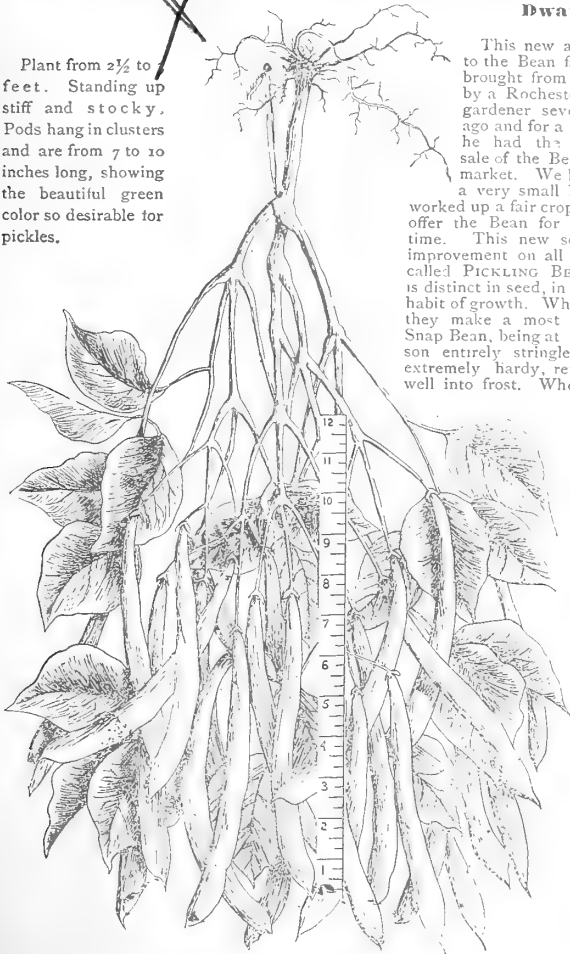
It is a cross between American Wonder and McLean's Little Gem, and is the most promising of forty different seedlings. In flavor it is unsurpassed.

Price, per packet 15 cents; per pint 75 cents; per quart, \$1.25.

Vick's New Prolific Pickler Bean.

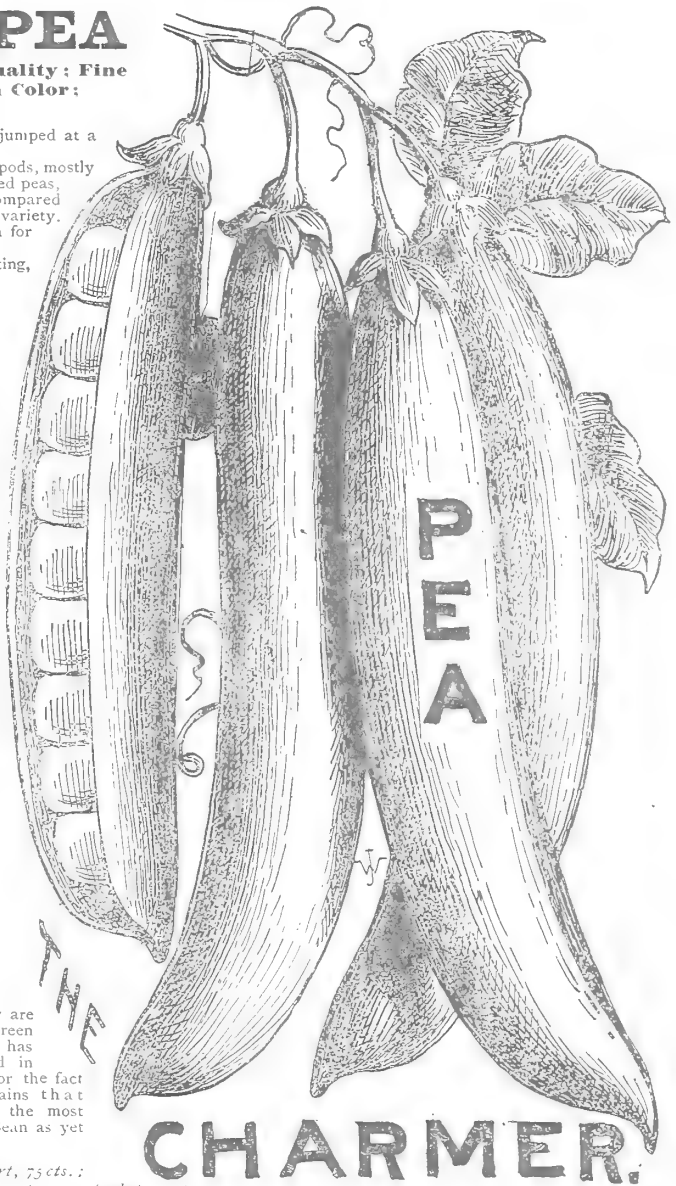
Dwarf.

Plant from 2½ to 3 feet. Standing up stiff and stocky. Pods hang in clusters and are from 7 to 10 inches long, showing the beautiful green color so desirable for pickles.



This new acquisition to the Bean family was brought from Germany by a Rochester market gardener several years ago and for a long time he had the exclusive sale of the Bean in our market. We have from a very small beginning worked up a fair crop and now offer the Bean for the first time. This new sort is an improvement on all other so-called PICKLING BEANS. It is distinct in seed, in color and habit of growth. When young they make a most excellent Snap Bean, being at that season entirely stringless. They are extremely hardy, remaining green well into frost. When all else has been said in their favor the fact still remains that they are the most prolific Bean as yet known.

Per quart, 75 cts.; per pint 40 cts.; per packet, 15 cts.



DWARF LIMA BEANS.

THREE OF A KIND.

Bean, Burpee's Bush Lima. This we consider to be the best of all the Dwarf Bush Lima Beans lately introduced. The pod and bean is in all respects identical with the Late Pole Lima. It also has all the good qualities of that Bean. It is prolific and early. Price, per packet 10 cents; per pint 55 cents; per quart \$1.00.

Dreer's Improved Bush Lima. This variety is very desirable owing to its dwarf habit and earliness. In pod and bean it resembles the well-known Dreer's Improved Pole Lima, having all the good qualities of that valued sort. Price, per packet, 10 cents; per pint 55 cents; per quart \$1.00.

Henderson's Bush Lima. This is the most prolific of the Bush Lima varieties. It is, however, a much smaller bean, resembling the Seiva or Carolina Lima Bean. Price, per packet, 10 cents; per pint 30 cents; per quart 50 cents.

One packet, each, of the three Limas for 25 cents.

At these prices the seeds will be delivered at your door.

"Nine bushels raised from one peck of 'Maggie Murphy's'. No rain since June. They are superb." HARRY E. RICHARDSON, South Lyon, Mich.

"The 'Maggie Murphy' yields above the average. Uniform size, smooth and scarcely any small ones." L. B. RICE, Granby, Vermont.

Ninety-fold! "Planted four pounds 'Maggie Murphys' May 14th, dug 360 pounds September 28th." F. W. RICE, Bozeman, Montana.



S. M. BALDWIN
Stevensville
Montana
\$57

MAGGIE MURPHY

18
photo
20 in
24 in

no re
order best d. \$100
each

LED AT
—THE—
WORLD'S FAIR

AND IN EVERY STATE IN THE UNION.

The following report of the Potato exhibit in the Agricultural Building is based on official records and facts, and is copied from *Gardening*, the popular and reliable paper of Chicago. "The Novelty in the third division of the Rose class is the "Maggie Murphy" (the latest of them all), yielding in the hill test *nine pounds and thirteen ounces to the hill* (with neither a large nor a small potato in the sample hill shown), and *810 bushels to the acre*, while the field test gave *57 1/2 bushels to the acre.*"

Surely the above yield ought to and will satisfy the most ambitious potato grower on the face of the earth! Great is the "Maggie Murphy" Potato and to the farmer shall be the profit!

The report continues: "The next nearest in yield in its class was the "Summit," 492 hill test and 400 field. Of the Hebron varieties the "White Elephant" led with 700 bushels hill test and 500 field. In the Burbank class the "Morning Star" led with 650 bushels hill test and 400 field."

N. B.—These tests were made under the most favorable circumstances by experts, and such magnificent results could hardly be expected under ordinary treatment.

Over a Ton from One Bushel.

L. C. Baker, Editor Times, Fort Morgan, Colorado, writes Oct. 5, 1893:

"I planted one bushel of "Maggie Murphys" on two rods less than 1-6 of an acre, and harvested 222 1/2 lbs., 2000 lbs. of which will go to market in fine shape and without a blemish. They are far ahead of everything."

"Planted one pound Maggie Murphy May 29, dug 22 pounds August 7th. Took first prize at our county fair."

OTIE A. LAWRENCE, Croton Falls, New York.

"How is this for yield? Four bushels Maggie Murphys harvested from four potatoes planted!"

MILAN WHEELER, Coldwater, Michigan.

"One hundred and thirty-four Maggie Murphys from two sent (1 lb.). They weighed 45 1/2 pounds. Season extremely unfavorable."

LOUISA C. S. GERNERD, Muncy, Penn.

"Six bushels of M. M.'s from one peck. Armies of potato bugs ate up every other kind, but did not touch Maggie!"

S. A. SNYDER, Modena, Mo.

"I am a boy 14 years old. Raised over a bushel wonderful Maggie Murphys from one pound seed."

HARRY D. REMINGTON, Whitesville, N. Y.

"One hundred and thirty-four Maggie Murphys from two sent (1 lb.). They weighed 45 1/2 pounds. Season extremely unfavorable."

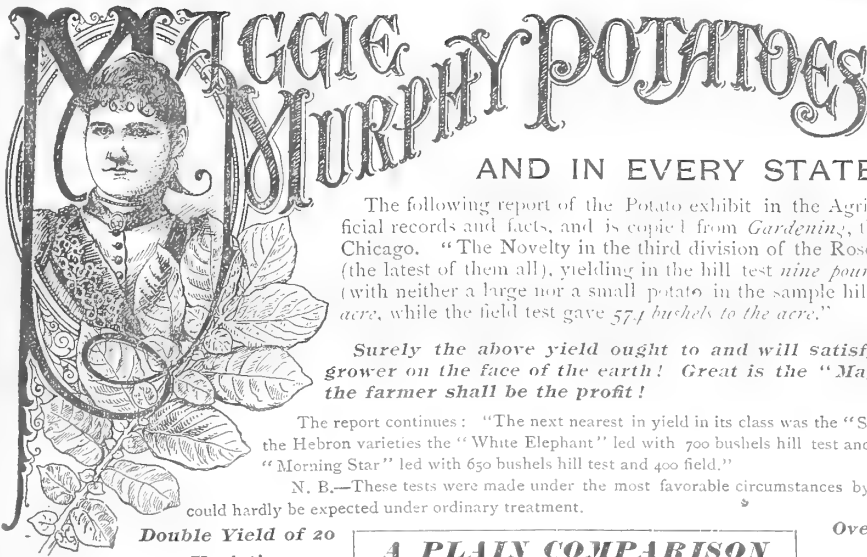
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LOUISA C. S. GERNERD, Muncy, Penn.



Double Yield of 20 Varieties.

Wm. F. Kirchberger, East Morris, Conn. writes Sept. 28, 1893:

"Planted in the same field with 20 leading varieties, the "Maggie Murphy" yielded double the number of bushels of marketable potatoes to the acre of any other variety. They are the leaders sure, even in a drouth!"

We said last year in introducing this now famous "Maggie Murphy" that it was the most beautiful potato in the world, with its delicate pink color, which is as charming as the blush on the cheek of a fair maiden. We used the word beautiful advisedly, as there can be beauty even in a common humble potato. The results justify all that we said of it and "Maggie" is no longer humble, but known and prized throughout the length and breadth of America. Its fame has even extended across the Atlantic, for *The Farmer's Gazette* of Dublin, Ireland, says, with some specimens on its editorial table: "We could not name the equal in appearance of this beautiful potato, taking color and shape into consideration."

It is of the Rose class, large, well rounded, plump, and as fine as silk. It is bound to become the universal favorite, on account of its enormous yield, fine quality, its strong, vigorous growth, and the fact that it is blight proof. It is a late variety and best for general crop.

The demand for the seed last year was so great that we were obliged to return over 3000 orders, our supply having been exhausted. We have more than three times the stock we had last year, and will supply the seed as long as they last. First come first served. Price by mail, postage paid, 1 lb. 75 cents; 4 lbs. \$1.50. By express or freight (not paid), peck \$1.00; bushel \$1.00; barrel (2 3/4 bushels) \$8.00. See page 101 on shipping.

PRIZE WINNERS!

Pomona Grange, of Monroe Co., N. Y., who made their report Oct. 17th, which was published in full in VICK'S ILLUSTRATED MAGAZINE for Nov. '93. In it they said "one half the contestants deserved prizes," and further, "such a show of potatoes was never before seen in this county."

The names of the first four prize winners, with photographic reproduction of their exhibit will be found on the opposite page. The seven \$5 prizes were awarded to the following: Frank Feifarck, Oconto, Wisconsin; E. M. Trow, Barre, Vermont; O. B. Ingraham, Adirondack, N. Y.; A. B. Kendall, Manchester, California; W. F. Kirchberger, East Morris, Connecticut; Mrs. R. I. Dickey, Titusville, Pa.; I. Smelser, Golconda, Nevada.

Similar Prizes, increased in number and amount, are offered this year. See Second Cover Page. Everybody that can should try for these.

We could fill several pages with unsolicited and hearty testimony of hundreds of growers all over the country, but have room for only a few.

FROM THE FIRST PRIZE WINNER.

Nearly 3000 Miles Away.

To show the amount of nerve and grit possessed by Mr. G. H. Williams, of East Sound, Washington, we publish his letter in full. He is evidently a smart man, and farms it "with brains, sir." He writes Oct. 9, 1893:

"Last week I sent you a box containing Maggie Murphy Potatoes for prize competition. I live on an island and have to trust to the captain of one of our boats to express such boxes. This I did and he returned me the shipping receipt. I tell you this now, so if there is any charge on the box, you may see that it is not my fault. My shipping bill reads to Rochester, N. Y., and cost me \$4.20. Please let me know in what order the tubers arrive in, as it is a long journey, and I would like to know for any future time, when I may have to pack and send goods east. I should like you to have seen the elegant potatoes that I dug from your seed. There were nearly three bushels of Maggie Murphys, and they were all so fine I could hardly choose the twelve best, and I had to weigh at least three "twelves" to decide. I also threw out some larger ones that those I sent as I thought they were not the finest specimens, or as you say "best."

FROM THE SECOND PRIZE WINNER.

Ten Bushels from One Peck.

Mr. O. M. Baldwin, of Stevensville, Montana, had good seed, good soil, good luck, and good results. It shows Montana raises something beside silver. He writes Oct. 2, 1893:

"I shipped you by express to-day (paid), one dozen Maggie Murphy Potatoes to enter the contest for the premium. I find them to be all as represented, a good yielder and a fine potato. We dug 10 bushels from the peck of seed bought of you last spring, all being of good size and shape."

FROM THE THIRD PRIZE WINNER.

Nine Barrels from Half a Bushel.

Mr. Jonathan Benn, of Hodgdon, Maine, probably wishes now he had not sold half of his seed to his neighbor. However it was a kindly act and all Arcostook County will want Maggie Murphy potatoes hereafter:

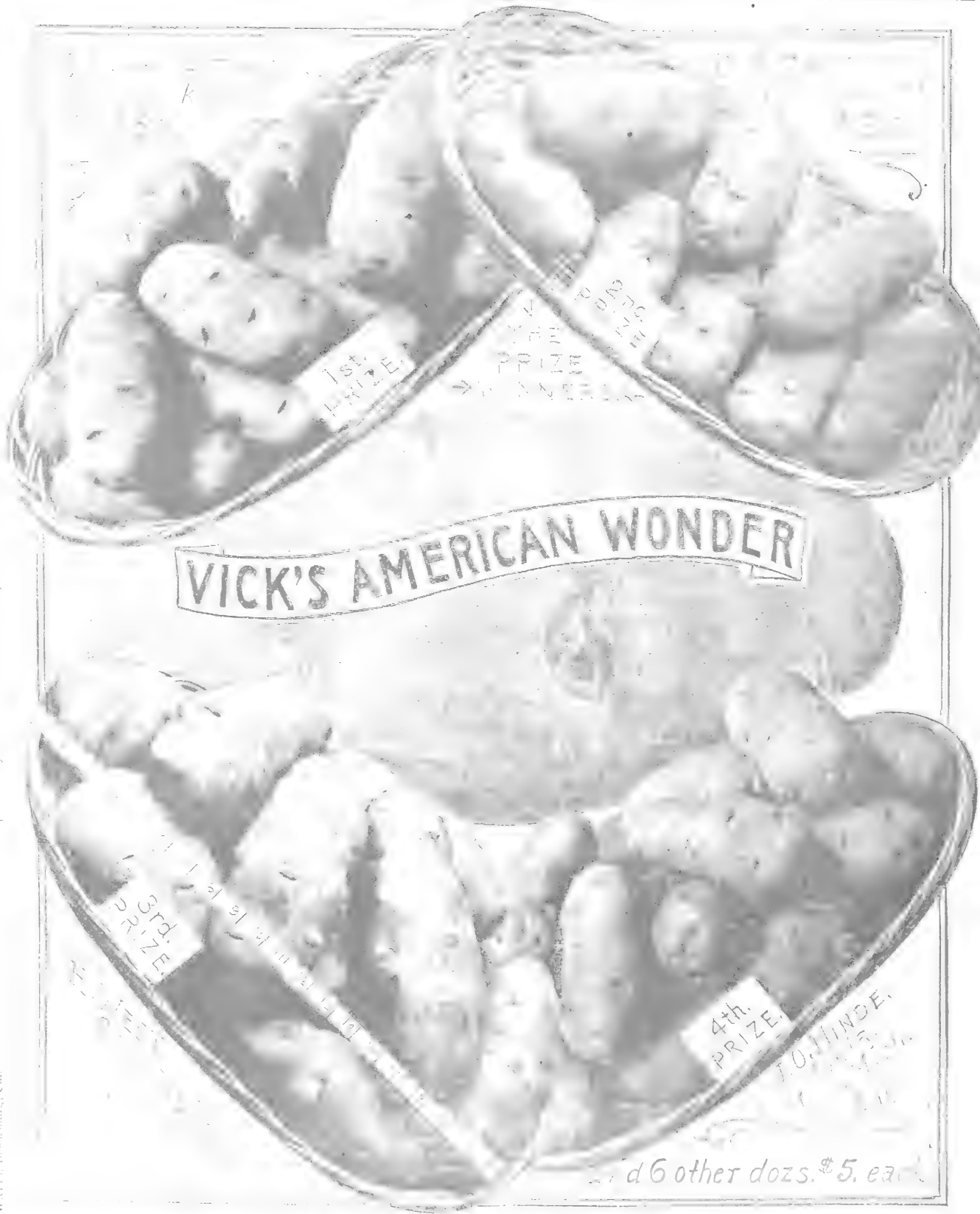
"I send you to-day by express one dozen Maggie Murphy Potatoes for which I hope to get a prize. I bought one bushel of seed from you last spring. Sold half of it to a neighbor, and in my half was 27 lbs. of good seed which I planted May 26th and harvested Sept. 27th, and had nine barrels of potatoes of great size and fine quality."

five bushels of Table Potatoes and not a peck of small ones, 10 bushels of which will average in weight 1 lb. each

"Three barrels, and three pecks, American Wonder, from one peck." Planted May 20, dug Sept. 20. They are highly named." A. O. Emery, Haverhill, N. H.

The ladies know a good thing. "I am American Wonder, planted in a hill." Product one bushel from one row and bags, un like any others." Mrs. A. G. Duab, Laureville, N. Y.

"Eighty-seven pounds most desirable American Wonder, from one hill." Planted in a hill, and twelve, seven from one hill, bouncers." J. N. Wares, Berkeley, Cal.



and 6 other doz. \$5. each

THE AMERICAN WONDER POTATO

LARGE, WHITE AND SOLID.
UNIFORM, SMOOTH and HANDSOME.

Called by a Correspondent, "ONE OF THE SEVEN WONDERS."

This superior white variety, which we offered for the first time three years ago, is proving by tests in all parts of the country to be all that we have claimed for it. Without hesitation we offer the "American Wonder" as the best *all round* White Potato in cultivation at the present time.

It is practically **BLIGHT PROOF**, a **Strong Grower**, a **Great Producer**, and one of the **BEST Late Varieties for General Field Culture**.

In habit of growth the vines are strong and branching, somewhat resembling that of the Peachblow; foliage of a rich dark green color, that is offset with a mass of beautiful white bloom; the flowering habit of this variety being one of its marked and distinct features. The tubers are white, large and uniform in size; elongated, slightly compressed; with few eyes, that are nearly flush with the surface. In quality nothing can surpass this superb variety: either baked or boiled, it is dry and floury, and has the rich, sweet flavor that is so marked in the Snowflake. In addition to its many other excellent qualities, we can strongly recommend it as being the nearest approach to a **BLIGHT AND ROT PROOF POTATO** of any ever offered. *Per lb., by mail, postage paid, 40 cts.; 4 lbs. \$1.00. By Express or Freight, not paid, peck, 75 cts.; bushel, \$2.50; barrel (3 1/4 bush.), \$5.50.*

A lady says: "From one peck 'American Wonders' I dug eight bushels of the best potatoes I ever planted. I belong to the Grange." MRS. D. A. WHELLOCK, Warren, Pa.



"2,160 pounds from 35 of 'American Wonder' is my record in poor season. All other varieties were only half crop." ERWIN F. LAURIN, Lyndon Station, W. Va.

An editor writes: "Am delighted with the 'American Wonders,' they are admired by all. Good yield despite hail storm and drought." H. CLAY DEANER, editor *Forum*, Annville, Pa.

PRIZE WINNERS!

Messrs. Lewis Curtis, Lecturer, and Langdon Wall, Secretary of the Pomona Grange, of Monroe Co., N. Y. Their report was published in full in the November number of VICK'S MAGAZINE, and as they say was based "strictly on the merits of the tubers shown."
The first four Prize Winners, names and address, with photographic reproduction of their exhibit will be shown on the opposite page. The six other parties who were awarded the \$5.00 Prizes were Mrs. L. F. Parker, Ritzville, Washington; J. C. Green, Punxsutawney, Pa.; I. F. Irwin, New Milford, Pa.; James West, Irondequoit, N. Y.; Gussie Taylor, Clarion, Pa.; N. B. Johnson, Ontario, Ohio. All are to be congratulated as well as a number who received "special mention."

Considerable interest was evinced by potato growers all over the United States and Canada in the quality of "best dozens" that were received almost equalled that of the popular Rose, "Maggie Murphy." Both kinds were judged by the same gentlemen, Messrs. Lewis Curtis, Lecturer, and Langdon Wall, Secretary of the Pomona Grange, of Monroe Co., N. Y. Their report was published in full in the November number of VICK'S MAGAZINE, and as they say was based "strictly on the merits of the tubers shown."

Another lady says: "I from four pounds 'American Wonder' I send average 4 1/2 bushels of 236 lbs. potatoes." MRS. KATHY ANDERSON, Butler, Pa.

SIMILAR PRIZES ARE OFFERED THIS YEAR. SEE SECOND COVER PAGE. THE NUMBER OF PRIZES ARE INCREASED. EVERYBODY SHOULD TRY FOR THEM.

TESTIMONIALS.

They all seem to tell the same favorable story, and we regret that we have room for only a few of them.

FIRST PRIZE WINNER.

Raised 3360 Pounds, 56 Bushels, from 100 Pounds of Seed.

We congratulate Mr. Jonah C. Thomas, of Sandusky, N. Y. on his success in raising American Wonders. He thinks quality and shape better than size, with the increase from his 100 lbs. and \$60 prize money, he is a happy man. He wrote Oct. 13th, 1893:
"To-day I sent you by express 1 dozen American Wonder potatoes for contest. I had much larger size, but not so well shaped, in my opinion, as those sent in. From 100 lbs. of seed bought of you last spring I raised 56 bushels of large and round tubers, very equal in size. The season was very dry in this section, and I had the potatoes planted on a dry knoll, but in spite of all, the American Wonder pushed along with astonishing vigor and rapidity and the foliage kept up its dark lively green color until the time of maturity."

The second prize winner up to the time of going to press with the Guide had not told his story.

THIRD PRIZE WINNER.

Nearly Four Bushels (236 lbs.) from Only one Pound of Seed.

The first-class quality of seed ordered by Mr. H. West, of Scappoose, Oregon, enabled him to get such fine results. Even before they were ripe they were prize winners. He writes Sept. 26, 1893:
"I sent you twelve American Wonder potatoes by express, paid \$3.60, Sept. 23rd. I had to dig them before they were ripe to get them to you in time. The time specified in your Catalogue for sending in the prize vegetables is too early for us on this coast, as it does not give them time to mature. This state produces some fine vegetables. From the pound of seed of American Wonder potato I procured of you I raised 236 lbs. of potatoes. I am delighted with them."

FOURTH PRIZE WINNER.

"Pretty good, I think" is what Mr. J. O. Hinds, of Ionia, Mich. writes Oct. 9, 1893, and adds, "I raised fourteen bushels of good American Wonders from the peck I purchased of you last spring."

"Mr. farmer neighbors said they never saw such potatoes as 'American Wonder.' Double size of Burbanks. Season very dry." M. SULLIVAN, Toledo, Ohio.

"ONE OF THE SEVEN WONDERS OF THE WORLD."

Considering the Trying Circumstances and the Drought, the Result was Good.

MR. THOS. H. WALLACE, of Creston, Iowa, wrote, Oct. 11, 1893: "I sent you twelve sample tubers of the 'American Wonder,' to contest for the prizes offered, subject to the decision of the Grange Judges. 1st.—It will be a wonder if I succeed! 2d.—It is a wonder I had any potatoes at all! 3d.—The old Striped Potato-bug (or running bug) was on the vines by the thousand and I kept wondering when they would disappear. 4th.—Then we had a long period of dry weather which injured the early growth. I kept wondering if 'would rain'—it did one day. 5th.—I wondered considerable when I dug seven bushels from the peck purchased from you. 6th.—When cooked I did wonder to see the quality unsurpassed. 7th.—I have been looking around for years for a Potato, prolific, good to eat and good quality, good size and a good seller. I no longer wonder, for I seem to have found one of the seven wonders of the world in the "American Wonder."

"Ten bushels from one peck of 'American Wonders.' Planted May 10th, dug Sept. 20th. Took first prize at our County Fair." N. E. JOHNSON, Ontario, Ohio.

Wonder! I raised fifty-three bushels. I never saw such a crop. I hope next year I may have the same success.

THE IMPROVED American · Banner · Oat.

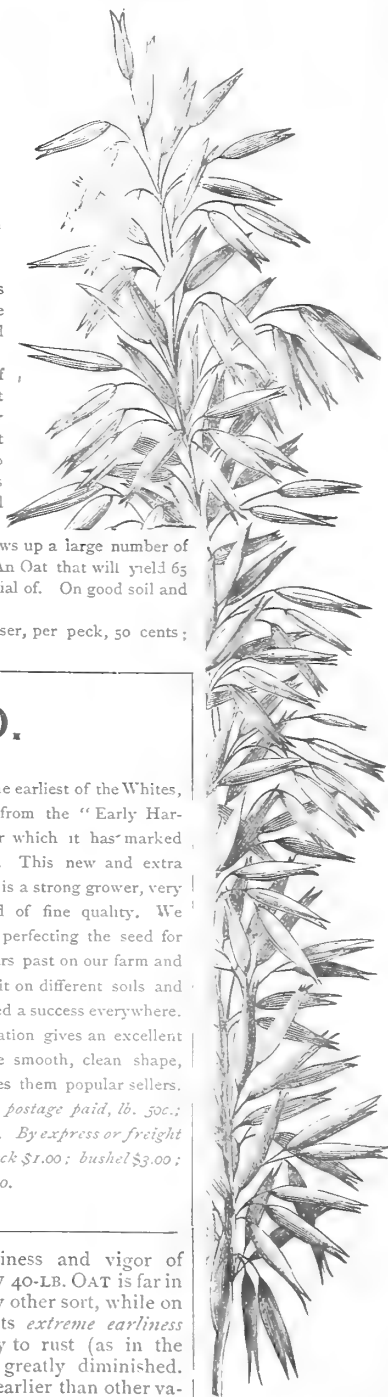
RENEW YOUR SEED STOCK AND GET BIG RETURNS.

We offer this year carefully grown seed, raised entirely from hand-picked, large sized kernels. The result of this care in selection is shown in the crop, which is the finest ever grown, and averaging upwards of 100 bushels to the acre! So that the seed now offered as **The Improved American Banner Oat** is the very best, and every one should renew their stock *at once*.

This wonderful grain stands the tests of the recurring seasons and to-day, after hundreds of trials in all parts of the country, its fame is higher and more secure than ever before. Reports from all sections indicate a satisfaction that is truly gratifying, but not more than was expected when it was first sent out. For it had then been very thoroughly tried and proved to be the *most prolific variety of Oats on record*. 100 bushels to the acre had been raised, and that certainly ought to satisfy the most exacting. On two fields, to which no fertilizer had been applied for two years, 70 bushels to the acre was produced. This year all that has been claimed for it has again been realized, and so it stands to-day as the Improved Banner Oat of America. An average of eighty pounds has been raised from a single pound of seed—thirty pounds in excess of the claim made for it when first introduced!

The grain is white, large and plump, ripens early, has a stiff straw of good length. It tethers freely and throws up a large number of stems, and therefore can be sown thinner than ordinary oats. Every one who raises Oats should try this variety. An Oat that will yield 65 to 80 bushels to the acre, with ordinary culture, is good enough to raise, and good enough for everybody to make a trial of. On good soil and with good weather it will go far ahead.

Prices, postpaid, per pound 25 cents. By express or freight, at expense of purchaser, per peck, 50 cents; per bushel \$1.50; five bushels \$7.00. For larger quantities, special prices on application.



IMPROVED AMERICAN
BANNER OAT.

THE WHITE GEM POTATO.



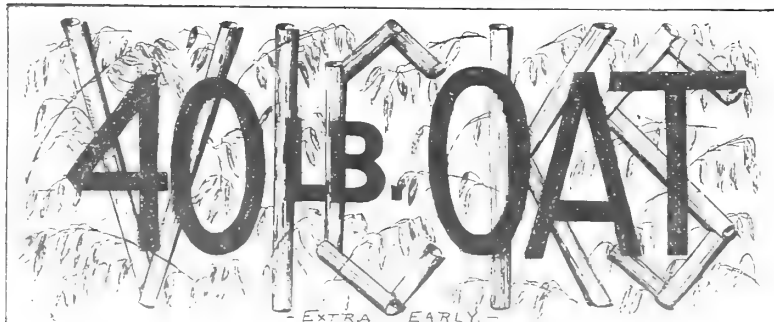
THE GLENHAVEN.

One of the earliest of the Whites, originated from the "Early Harvest," over which it has marked advantages. This new and extra early white is a strong grower, very prolific and of fine quality. We have been perfecting the seed for several years past on our farm and have tried it on different soils and it has proved a success everywhere. The illustration gives an excellent idea of the smooth, clean shape, which makes them popular sellers.

By mail, postage paid, lb. 50c.; 4 lbs. \$1.50. By express or freight not paid, peck \$1.00; bushel \$3.00; barrel \$7.00.

The hardiness and vigor of VICK'S NEW 40-LB. OAT is far in excess of any other sort, while on account of its *extreme earliness* the tendency to rust (as in the late Oats) is greatly diminished. Two weeks earlier than other varieties.

The grain and straw are bright in color,—the former heavy and plump and the latter strong and stiff, preventing lodging or falling down. The past year was not a good one for Oats in most sections, but the 40-lb. Oats invariably gave the best satisfaction, and we are glad to offer to the country such an acquisition.



Price 1 lb. 25 cents; 3 lbs. 60 cents; peck 75 cents; bushel \$2.00; 5 bushels \$8.00.

-:- VICK'S -:-

ALL SEASONS RADISH

Develops in from 6 to 8 Weeks.

(See Colored Plate.)

A new, 1892, variety of the CHINA ROUND WINTER RADISH, which, by reason of its merits cannot fail to come rapidly into general use. It may be sown at intervals from spring until autumn, and the roots obtained from late sowing can be kept in storage for winter consumption.

It requires only six to eight weeks for its development, and, like the old CHINA WINTER sort, is much hardier than other varieties. The root is round, of a brilliant scarlet color. Flesh pure white, and of a most agreeable and mild flavor. *Be sure to order a packet of this valuable novelty.*

Price, per packet, 10 cents; per oz. 25 cents.

TWO CHOICE

New Tomatoes.

Royal Red. Bright scarlet and the reddest throughout of any grown. In size, smoothness, productiveness, solidity and general fine appearance it will please the most fastidious. *Seeds: Price, per pkt. 10 cents; oz. 40 cents.*

Buckeye State. A mammoth, growing from six to ten in a cluster, many of which which will weigh from one to one and a half pounds each. Is of fine texture, smooth, ripens early, is a vigorous grower, has no green ends or useless core. *Seeds: Price, per pkt. 10 cents; oz. 40 cents.*

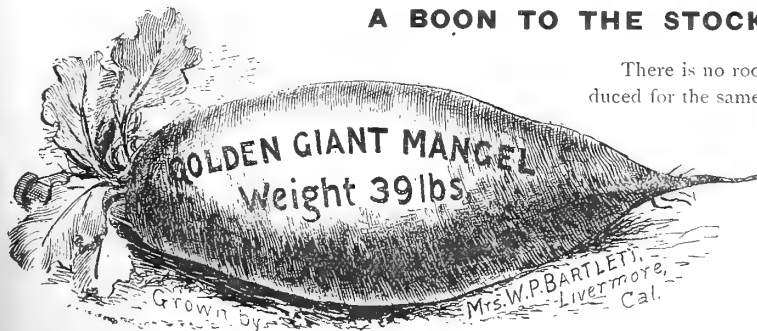


THE NEW GREENVILLE STRAWBERRY originated in an accidental seedling on a fruit farm in Greenville, O. It fruited successfully the first season and it has increased and improved, so that it is one of the most valuable sorts offered to the public. As will be seen by the illustration the berries are large size and very productive. It is of excellent quality, medium texture and color, very even and fine; medium to late. The flower is pistillate, and plants are very vigorous and free from rust. Resembles the Bubach.

Price, plants by mail, postage paid, doz. 75 cents; by express or freight, not paid, 100 \$2.50.

GOLDEN GIANT MANGEL WURZEL.

A BOON TO THE STOCK CROWER.



There is no root for cattle feeding of which so much in value can be produced for the same amount of labor as the Mangel. The GOLDEN GIANT will produce a larger crop than any other variety of Mangel that has ever been grown. It is a root of magnificent size, growing with half its bulk above ground, and so making it easy to lift and gather. The root is uniform in shape, with a smooth, rich, russet yellow skin, flesh white, firm and sweet, and greatly relished by cattle. It is an excellent keeper, and should be raised by all stockmen.

Price, per pound, 60 cents; ounce, 10 cents.

Hints on Sowing Seeds and Transplanting.

Seed Sowing, Transplanting, and Care of Young Plants.

Every child knows how easily and quickly the plants will spring up when he puts a few beans or kernels of corn or some pumpkin or squash seeds into the ground. Why then do we hear so much complaint from people that their seeds do not grow? In not one such case of complaint in a hundred is there anything the matter of the seeds. What is, then, the trouble? Well the truth must be told: it is with the people themselves—they do not know how to sow and care for the seeds. A child plants a few beans in the garden and in two or three days they are up. Children imitate older people, and they do not commence their gardening until they have seen others do it; so it happens that when they try their skill the season is somewhat advanced, and the ground is warm, and the conditions are all right for the seeds to germinate promptly. The child did not know this; it was an accident as far as he was concerned that the conditions were suitable. But accidents will not do for serious gardening, so we must learn that there are suitable times to sow different kinds of seeds.

We can sow peas as soon as the frost is out of the ground, but if we plant our beans then that will be the last we shall see of them, for in the cold ground they will rot. So with the flower seeds, some kinds are very hardy; for instance, we can scatter morning glory seed on the frozen ground, and it will take no hurt, but in time the plants will spring up; but if we treat the balsam seeds the same way never

will a plant be produced from them. In seed sowing a great deal of skill can be acquired, and those who know least about it are the ones who usually are loudest in their complaints about bad seeds. It is an advantage with many kinds of seed to sow them early, as in the case of onions, which should be sown as early in spring as the ground can be prepared, but cucumbers and egg-plants must wait until the ground is warm. Lettuce seed may be scattered on the snow or frozen ground, and as a result they will give an early crop, but little zinnia plants would perish in the cold, even if the seeds germinated when treated the same way.

When to Sow Seeds.

All through the *GURD* we have tried to state the best time to sow the different kinds of seeds and give the proper treatment of them, but after all a great deal depends on the judgment of each person, and upon the experience that has been acquired. Now, as to the time of sowing seeds, although, as has been shown, some kinds may be put into the ground very early, yet as a rule, seed sowing cannot be safely done until frost is all out of the ground and the upper soil has become warm; everywhere the farmers know when this time in the spring comes, for then they can plant corn, so that will be the time when most of the seed sowing will commence in the garden, whether of vegetables or flowers. Some people are so anxious to make their gardens that they do not wait until it is warm enough, and every spring a great many seeds are sown which start and are then cut down by the frost.

Depth to Sow Seeds.

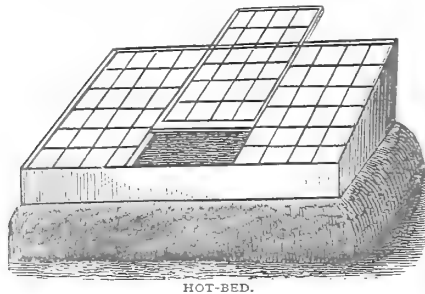
It is important to know something about the depth to sow different kinds of seeds. Some fine seeds if planted deep will never germinate, or, if they do the delicate plants will not have sufficient strength to push their way through the mass of soil which covers them. Even large seeds might be planted very shallow if we were sure that timely showers would keep the soil moist, but as there is danger of drought and that a hot sun may destroy the sprouted seeds, they are planted deeper so that the soil may be a protection. For all seeds the soil should be mellow and for small seeds the surface should be raked very fine. An old rule with gardeners is to cover seeds so that the soil over them shall be twice the thickness of the seed. But something depends on the character of the soil; if it is clayey and liable to bake it is a good plan to have some sand to place over the seeds, as this will allow the young plants easily to push through.

Grass Mulch for Seeds.

When fine seeds are to be sown and dry weather or a hot sun is to be feared, it is well to place some short clippings of grass or some such material over the rows; when the little plants start this mulch can be drawn aside a little. Thus it will be seen a gardener must employ different means with different kinds of seeds and under different circumstances. At all times he seeks to secure for the seeds sufficient warmth and moisture.

Sowing Seeds Under Glass.

With many kinds of flowering plants and vegetables it is not best to wait until the weather is favorable to sow the seed in the open garden, for much better results can be obtained if they are sown earlier and the plants are large enough to put out when the fine weather comes, for our seasons are too short to allow of any long time to wait for the plants to grow. For this reason we sow seeds in a propagating house or greenhouse, or in boxes in the window, or in a hot-bed or cold-frame, in some place where the plants can be protected while it is yet cold, and yet have a temperature in which they will thrive.



HOT-BED.

Hot-Beds.

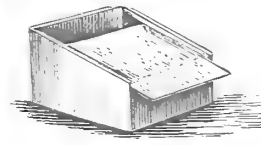
Hot-beds, by being protected at the sides and ends with boards, and covered with glass, confine the moisture which arises from the earth, and thus the atmosphere is kept humid and the surface moist, and the plants are not subjected to changes of temperature, as a uniform state can be maintained no matter what the weather may be. The bottom heat of the hot-bed warms the soil, and enables the grower to put in his seed early, and obtain plants of good size before the soil outside is warm enough to receive the seed. Care, however, is required to prevent scorching the young plants. In bright days the heat is intense inside the frame, and unless air is freely given, or some course taken to obstruct the rays of the sun, most likely a great portion of the plants will be ruined. When the sun gets pretty warm give the glass a thin coat of whitewash. This gives a little shade, and, with some air during the middle of bright days, will make all safe. The hot-bed is made by forming a pile of horse manure with the straw used for bedding, or leaves, some three feet in height. Shake all together, so that straw and manure will be equally mixed. It may be sunk in the ground a foot or eighteen inches, or made on the surface. On this place about five inches of good mellow soil. Then set the frame and keep it close until fermentation takes place and the soil is quite warm. It is better to wait a day or two after this, and then sow the seeds.

Cold-Frame.

Some of the advantages of a hot-bed can be secured by a cold-frame. This is simply a frame with sash, the same as employed for a hot-bed, placed upon a bed of fine, mellow earth, in some sheltered place in the garden. The heat of the sun warms the soil, and, as the air is confined, the warmth and moisture cannot escape. After the frame is secured in its place a couple of inches of fine earth should be placed inside, and the frame closed for a day or two before the seeds are planted. As the cold-frame depends upon the sun for warmth, it must not be started as soon as the hot-bed, and in this latitude the latter part of April is soon enough. Plants will then be large enough for transplanting to the open ground as soon as danger from frost is over, and, as a general thing, they will be hardier and better able to endure the shock of transplanting than if grown in a hot-bed. A frame of this kind any one can manage. Watering occasionally will be necessary; and air must be given on bright, warm days. Shade also is necessary.

Hand-Glasses.

Frames, when so small as to be conveniently moved by hand, are called hand-glasses. A frame, or box, with a couple of lights of glass on top will answer a very good purpose, though when small it would be better to have the front of glass. A very good hand-glass is made of a square frame, with a light of glass on each side and on top. These contrivances, though so simple as to be made by any one handy with tools, are exceedingly useful, as they prevent the drying of the surface of the ground, and afford the plants shelter from sudden changes of temperature, cold storms and



BOX HAND-GLASS.

frosty nights. Seeds may be sown in the house in pots, or boxes, but the greatest difficulty is that the soil dries very rapidly in them, and young plants are apt to suffer. A very good plan is to cover the pot with a pane of glass, removing it occasionally for air. Where very fine seeds are sown in pots, the watering, unless carefully done, generally results in great injury. A wet paper placed over the top of the pot will afford moisture enough for the germination of fine seeds. If pots are used it is well to sink them to the rim in a box of moss, or something of the kind, that will hold moisture, and prevent the drying of the earth in the pots. A shallow box may be used to advantage, sowing the seed carefully in narrow drills.

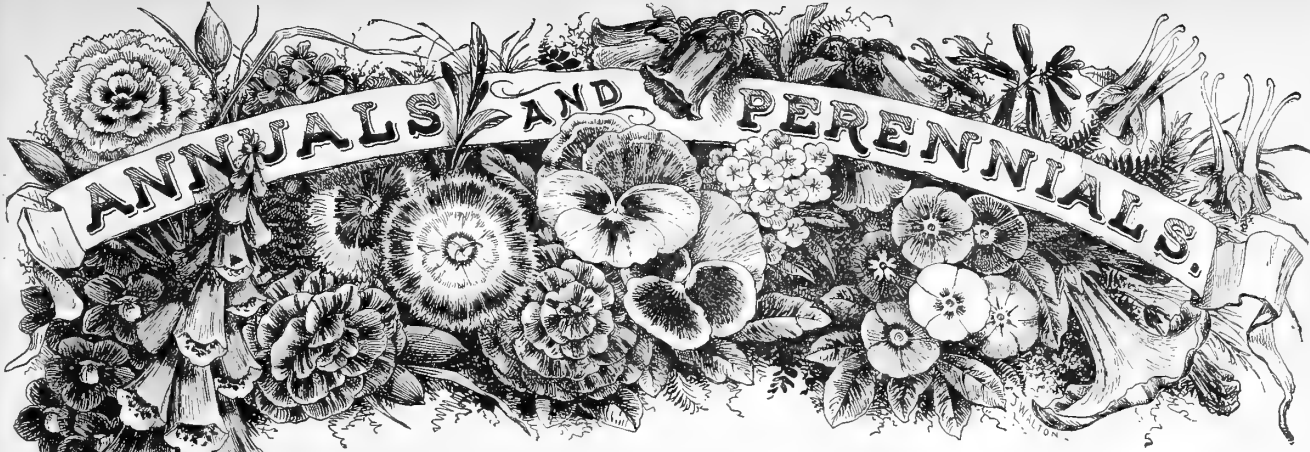
Of course it is designed that plants from the hot-bed, cold-frame and seed-bed shall be transplanted to the border or beds where they are to flower, and these helps are intended mainly for tender or half-hardy annuals. The hardy annuals may be sown where they are to flower, though, with the exception of a few varieties difficult to transplant, it is best to sow all in a seed-bed.

Transplanting.

All the operations of the garden should be done with neatness; no crooked irregular rows are admissible. After plants in the seed-beds have obtained their second leaves and made an inch or two of growth, they should be moved to the garden beds or border. This should be done on a dull day if possible, if not, the plants may require shading after removal until they become established. In transplanting in dry weather, always give the plants as they stand in the seed-bed a good soaking with water, and also the soil to which they are removed, an hour or so before removal. In removing, disturb the roots as little as possible. If the plants are not too thick there is no need of injuring the roots; and in sowing, it is well to have this in view, and sow evenly and thinly. As soon as the young plants come up, if too thick, a portion should be removed. A few plants, with long tap roots, will not bear removal well. The Larkspurs are difficult, and these and the Poppies, and plants with like roots, should be sown where they are to remain. Sweet Peas, Candytuft, and a few flowers of similar character, that do best if sown as early as the ground can be got ready, should always be sown where they are to bloom.



SEED GROWING IN POT.



*"O hasten, warm wind from the south, and bring
The long warm days and the sunny flowers."*—Eben E. Rexford.

ANNUALS.

AMONG the most interesting flowering plants in cultivation are those which start from the seed in the spring of the year, make a quick growth, cover themselves with bloom, and in the fall ripen a crop of seed for the ensuing season. Such plants are called Annuals, for their whole life is included in a single year.



These plants vary greatly in many respects: first, the length of their season of bloom; some, like Petunia and Mignonette, commence very early to flower and continue until late in the autumn; others open their flowers later in summer; some, like the Poppy, are of comparatively short duration, but so brilliant while they last that they command the admiration of all; others, again, such as the Phlox Drummondii, are prolific of bloom, brilliant and varied in color, and continue to produce their flowers for several months.



Some of the Annuals grow to a height of two or three feet, and others only a few inches; some, too, are climbers from two or three feet, like the Sweet Peas, or to twelve or fifteen feet, like the Climbing Morning Glory, or yet, the Moon Flower, which will measure its length upwards for a score or two of feet. Even in the

same genus of plants there is great variety; the Convolvulus shows us a species which blooms only a few inches in height, thus forming a great contrast with its climbing relative, and the Nasturtiums supply us with both low-growing and climbing kinds.



Besides the variations noted there are many others as great, and it can readily be inferred that these plants, which can be so easily and cheaply propagated from seed, offer the greatest opportunities for beautifying the garden and providing an abundant supply of flowers for cutting for bouquets and for room decorations.



Some kinds of plants which are longer lived than one year, will, like Annuals, make a quick growth from seed, and bloom the same season; good examples of such are Verbena and the Pansy; the results, in gardening purposes, are therefore, the same with these plants as with the Annuals, although they are really perennial plants. Many of the finest Annuals delight in full sunshine, and others need a little shade, and suitable kinds can, therefore, be selected for almost every spot and every purpose.



Some of the Annuals thrive well and bloom abundantly, and are general favorites in all parts of the country. Those which are prominent in this list are the Bachelor's Button or Centaurea Cyanus, Petunia, Phlox Drummondii, Portulaca, African Marigold, Zinnia, and Pansy. The Pansy at the South develops in great perfection through the winter season, while at the North it does its best in spring and autumn.



The Antirrhinum, the Datura, Nasturtium, Poppy, Convolvulus, Four o'clock, Delphinium and Mignonette, and the Evening Glory, or Ipomæa Bona Nox, all do well in the Southern States, as they do elsewhere from Canada to the Gulf of Mexico. The annuals, with their beauty, brilliancy and wonderful variety, must always retain their popularity in the garden.



PERENNIALS.

PERENNIALS are plants which live for several years, Biennials live for two years. Among these are some of our best and well known flowers. As a rule these plants do not bloom until the second year; but there are many exceptions among them, some blooming as freely the first year as Annuals, when the seeds are sown early, and all of these are noted in the description. The seeds of those kinds which do not bloom until the second year may be sown early in spring or any time in summer.



Most Perennial plants bloom only for a short time, and therefore are not suited for the lawn, where a continuous show of flowers or pretty foliage is absolutely necessary. But there is a great variety of hardy Perennials, and some of them bloom in every month from early spring until late autumn, and this makes the border of Perennials one of the most interesting parts of the garden, and more attention is being given by good cultivators to the hardy plants.

AQUILEGIA.

Aquileg.

This plant is best known under the names of Columbine and Wild Honeysuckle. Different species of it are found in many countries but those most highly prized for the garden are nearly all natives of this country. The flowers are very peculiar and striking in their formation, and unlike any others; each flower has five spurs, or nectaries, and in some species these spurs are developed to a great length. These spurs secrete honey. The flowers are of different colors and quite fragrant. The plants become bushy or form large clumps from one to two feet in diameter, and produce a large number of flowers. Like a good many of our perennials, this flowers early in the spring. Seeds may be sown in the open ground. Plants can also be increased by division of the roots—Perennial.

Carnation, or Striped, white, with red stripes; double	10
leptoceras chrysantha, the beautiful, large-flowered, Canary yellow variety, obtained first from Arizona. Excellent	5
Skinneri, very beautiful; colors scarlet and yellow	10
cœrulea, flowers very large; sky-blue and white	10
glandulosa vera, very fine; large dark purple	25
Mixed varieties,	5



AQUILEGIA

ABRONIA.

Abronia.



The Abronias are trailing plants, with prostrate branches several feet in length, and bearing clusters of sweet-scented flowers. The plants and flowers are very much like the Verbena. They are natives of California, where we have seen them growing abundantly. The seeds should be started under glass, first removing the husky covering.

Our customers report the greatest success the second summer, from seed dropped from plants of previous year. Perennials, blooming the first season.

<i>Abronia umbellata</i> , rosy lilac, white eye	5
<i>arenaria</i> , waxy yellow	10

ADONIS.

Adonis vernalis.

Flos Adonis, sometimes called Pheasant's Eye, has fine, pretty foliage, and brilliant scarlet flowers. The bright scarlet petals are considered emblematical of the blood of Adonis, the favorite of Venus, from which the plant is fabled to have sprung. It will do well in partial shade and may be used to advantage in any corner of the garden. Twelve to eighteen inches in height. Annual.



Adonis vernalis, scarlet 5

ANTIRRHINUM.

Antirrhinum.



The Snapdragon (*Antirrhinum*) is a well-known and favorite plant, which is easily raised from seed sown early in spring in a warm, dry soil. Or the seeds can be sown the latter part of winter in the house, and the plants be grown on until the weather is favorable in spring for planting them out. The plants are erect and branching in habit, eight to twelve inches in height.

If the plants do not weaken themselves by blooming too much the first year, they will stand over winter and bloom another year, and even longer. In a rich, moist soil plants grow too late in the season and do not become hardened enough to stand the cold weather well. In poor, dry soil they bloom best and last longer. A few leaves scattered over the plants will give a little protection in winter in cold climates.

If the flowers are cut before seed forms, the plant will have much greater power of endurance for another season. A method is employed to produce good flowering branches for the second season, which consists in shortening a number of the branches about midsummer; these are cut away about one-half or two-thirds, and then new shoots start out which are ready to bloom the following spring. The flowers are beautiful in form and of a great variety of brilliant colors and markings. Any particularly fine variety produced from seed and which it might be desirable to keep can be perpetuated by propagating by cuttings.

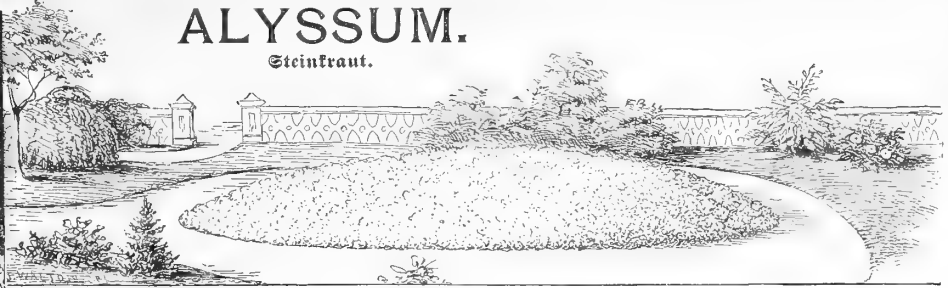
<i>Antirrhinum</i> , Brilliant, scarlet and yellow; <i>Carnation Striped</i> , irregularly striped; <i>Firefly</i> , orange and scarlet, with white throat; <i>Galathea</i> , crimson, throat white, large; <i>Luteum</i> , yellow; <i>Papilionaceum</i> , blood red, throat pure white; <i>White</i> . Seven varieties, each	5
Fine Mixed	5
Extra Fine Mixed, from selected show flowers	10
Tom Thumb, about 6 inches high; mixed colors	5

ALYSSUM.

Steintraut.



SWEET ALYSSUM.



ALYSSUM BENTHAMI COMPACTUM.

Every garden should have Sweet Alyssum, and plenty of it. This little low-growing plant has some excellent qualities; its small white flowers, borne in great profusion, are delicately fragrant and valuable for cutting; it is a good basket and pot plant. In the border the seeds are sown thickly so as to make a mass of plants, or they are placed in lines for edging; it is a very valuable plant for carpet bedding, giving a pure white sheet as a contrast to colored flowers adjoining. It is desirable to sow the seeds early in spring or even in the previous autumn. In a fine mellow soil the seeds will germinate freely and quickly; they are very reliable in this respect.

The Sweet Alyssum plant has a stem about a foot in length, but it is weak and partly lies down, so that the surface of a bed of it is only eight or nine inches above the surface of the soil. It will be readily understood that with this habit the plant will do duty well in a hanging basket. In fact it will make a handsome hanging basket for winter, if kept in a place sufficiently cool. To prepare a basket of it for winter blooming, fill it with good rich soil, and sow the seeds in about the last of August. If the plants come up thickly thin them out; a dozen plants at most are enough for a good sized basket.

- Alyssum, Sweet, hardy annual; flowers small and sweet, in clusters; one foot. 5
- Benthami compactum, a new dwarf, compact annual variety, not over six inches in length, bearing its pure white fragrant flowers in greatest profusion during the entire summer 10
- Wierzbecki, hardy perennial, yellow; one foot 5
- saxatile compactum, perennial, ten inches high, compact habit, golden yellow flowers. The popular name is Gold Dust 5

AMARANTUS.

Amaranth.



AMARANTUS SUNRISE.

Our warm summers suit admirably the varieties of Amaranthus cultivated for ornament. These are plants which are striking on account of their foliage or peculiar mode of bloom. The seeds start readily in a warm, open and dry soil. In rich ground the plants and leaves are of large size, but the coloring is apt to be less bright.

The seed can be sown in the house in a hot-bed, a cold frame, or in a seed bed in

the garden, and the plants transplanted into place, or the seeds can be sown where the plants are to stand if the soil is fine, and the spots are protected until the plants appear. The plants should be given sufficient space to develop well on all sides. Annual.

- Amarantus, atropurpureus, a fine variety, with blood-red foliage and drooping racemes of flowers 5
- bicolor, ruber, leaves fiery red, maroon 5
- caudatus (Love Lies Bleeding), long drooping "chains" of flowers; pretty for decorating; 4 to 5 feet in height 5
- crenatus (Prince's Feather), flowers somewhat similar to A. caudatus, but in erect masses 5
- Henderi, an improvement on A. salicifolius; foliage beautifully variegated; 2 feet; should be in every collection 10
- malancholicus ruber, compact habit, dark red; 18 inches 5
- salicifolius, beautiful in habit and color; pyramid; 3 feet 5
- Sunrise, the most brilliant of the family. The top of plant brilliant crimson, the lower leaves dark maroon 25
- tricolor (Joseph's Coat), red, yellow and green foliage; 2 feet 5
- Mixed varieties 5

AGERATUM.

Leberbalsam.

The Ageratum is interesting on account of its neat, erect bushy habit, and its pretty brush-like flowers which are produced constantly all through the summer. It is well to sow the seed under glass early in the

season, but they may also be sown in a mellow seed bed in the open. The plants can also be propagated by cuttings. The flowers are useful in bouquet work and the plants serve well in carpet bedding. Seeds sown in August will produce plants for winter blooming. Perennial, blooming the first season from seed.



- Ageratum conspicuum, white, 18 inches 5
- Mexicanum, blue, 2 feet 5
- Mexicanum albiflorum, white flowered; 2 feet 5
- Mexicanum albiflorum nanum, 6 inches 5
- Lasseauxii, compact plant; flowers pink; 18 inches 5
- coelestinum (Phalacraea) Tom Thumb, light blue; 8 inches high, and of compact habit 5
- Swanley Blue, a fine, large flowering, dwarf variety, of recent introduction; flowers deep blue 10
- Mixed Varieties 5

MIGNON.

THE COMET

CHOICE

NEW CROWN

SNOW QUEEN

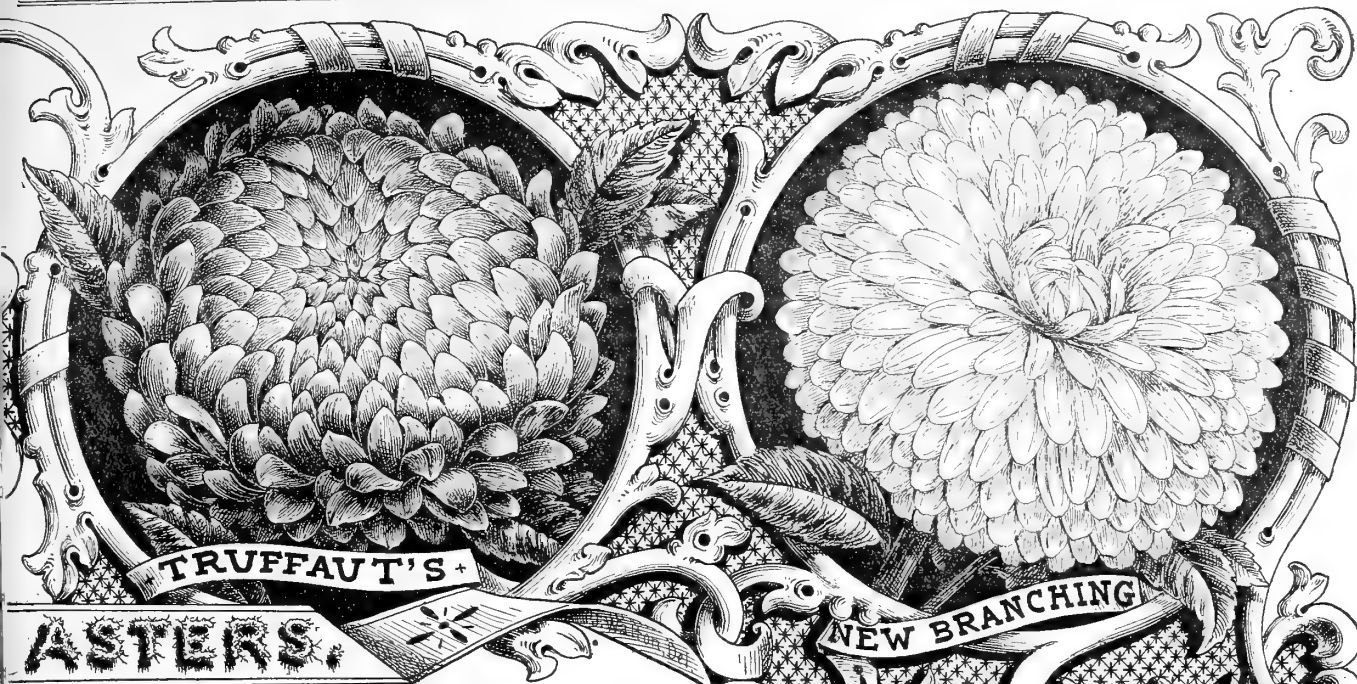
The Chrysanthemum is considered the queen of the fall flowers, and there are many cultivators of taste who think the Aster should rank as high among the flowers of late summer. There is a great similarity in the flowers, but the Asters are more easily raised and bloom in greater profusion, if possible. Probably no plant among all the Annuals has had more care bestowed on it by professional florists than the Aster, and it has responded by breaking into numerous classes and varieties, all of which are handsome and worthy of cultivation. A plant to produce fine flowers needs to be strong and vigorous, and requires to be grown without check from the start. Too often Asters are seen in gardens closely together, thus preventing a full development.

Seeds should be sown early in the spring under

glass in a seed bed in the open border. We prefer to sow in a cold frame, and after the plants are an inch high to transplant them in the frame, and afterwards in the open ground where they are to remain. In this way strong, healthy plants with plenty of roots can be obtained, and if set in rich soil in the garden, will make a most satisfactory growth. A well grown plant will give fine flowers, and a stunted one only inferior blooms.

The large growing varieties of Asters, such as the Pæony-flowered, the Victoria, New Rose and Washington, need to be set as much as a foot apart in good soil, and will quite fill the space. The soil about the plants should be stirred frequently during the summer and a vigorous growth encouraged. As the plants when in bloom are heavy at the top, and therefore liable to be injured by rains or strong winds, they should have some support, as may be given by tying the branches to a small stake set in the ground. The dwarf varieties make beautiful border plants.

- Aster, Washington**, the largest Aster we have ever known, and we have exhibited them five inches in diameter and perfect, plants tall, mixed colors 25
- Truffaut's Pæony-flowered Perfection**, large, beautiful flowers, petals long; a little reflexed; 2 feet in height; mixed colors 10
- Truffaut's Pæony-flowered Perfection**, same as above, in twenty distinct colors, among which are white, rose, carmine, crimson, brilliant crimson, dark crimson, blood red, victoria red, light blue, violet, dark scarlet and white, rose and white, carmine and white, crimson and white, red and white, blue and white, and other combinations; each color 10
- Cocardeau, or New Crown**, two-colored flowers, the central petals pure white, sometimes small and quilled, surrounded with large, flat petals of a bright color; 18 inches; mixed colors 10
- Cocardeau, or New Crown**, carmine, violet, blue, deep scarlet, violet brown, etc., each with white center; each variety 10
- Imbrique Pompon**, very perfect; almost a globe and beautifully imbricated; mixed colors 10
- Hedge-Hog, or Needle**, petals long, quilled, and sharply pointed; two feet; mixed colors 15
- New Victoria**, flowers large; habit pyramidal; 2 feet high; one of the finest; mixed colors 15
- New Victoria**, white, one of the finest white varieties; flowers large, perfect in form, and of the purest white 15
- New Rose**, 2 feet in height; robust; large flowers, petals finely imbricated and of great substance; one of the very best, mixed colors 10
- New Rose**, twelve separate colors—white, crimson, violet, etc., each color 10
- New Pæony-flowered Globe**, two weeks earlier than Truffaut's Pæony-flowered, flowers very large; plant branching and strong; does not require support 10
- Dwarf Victoria**, the finest class of Half Dwarf Asters; for size, range of color, and profusion of bloom, it is unsurpassed; mixed colors 15
- Half Dwarf multiflora mauve**, one of the finest, about 15 inches in height, of fine form; flowers perfect and abundant, delicate white and mauve 15
- New Chrysanthemum-flowered Dwarf**, a desirable class, 1 foot in height; late, and valuable on this account, as well as for its great beauty; mixed colors 10
- Chrysanthemum-flowered Dwarf, White**, a superb variety; every flower usually perfect 10
- Newest Dwarf Bouquet**, each plant looks like a bouquet of flowers; fine for edging or small beds; about twelve different colors mixed 10



CHOICE NEW ASTERS.

Auswahl von neuen Afiern.

We call attention to the following new varieties of Asters, of recent introduction, as being worthy of special commendation:

- Aster, Comet**, differs from others in its long, wavy, twisted petals, which are formed into a head $3\frac{1}{2}$ to $4\frac{1}{2}$ inches across, resembling the Japanese Chrysanthemums, petals pink, margined with white 20
- La Superbe**. Strong upright growth, 18 inches, with large beautifully recurved flowers, heavy bloomer, beautiful porcelain blue. One of the best . 15
- Snowball**, a splendid variety, of dwarf symmetrical habit, not more than 10 or 12 inches in height. The pure white flowers are regularly imbricated, globular in form, of extraordinary size; and are produced in the greatest profusion; excellent for bedding 25
- Triumph**, a very dwarf profuse-flowering variety, with very large, double, brilliant, crimson-scarlet flowers. One of the most perfect of dwarf Asters, both in habit of plant and form and color of flowers 20
- Dwarf Victoria Dark Scarlet**, a new color in this beautiful class of Asters. Fine for masses and edgings 15
- Fire King**. Brilliant scarlet; habit very compact, about twelve inches in height, with large beautifully incurved flowers completely covering plant . 20
- Eclipse**, an exceedingly fine, pure white Aster; plant somewhat taller than Snowball and very uniform; flowers large and of fine form; a free bloomer . 15
- Mignon**, similar in habit to Victoria, but the flowers are smaller, beautifully imbricated; pure white, and a very perfect form; one of the finest white Asters for cutting 15
- Snow Queen**. Dwarf bushy plants, ten to twelve inches, branching freely, upright, but dense and compact; excellent for pot culture as well as for bedding; flowers extraordinary in size, spotless white 15
- Vick's New White Branching** 25

For description see Novelty Pages.



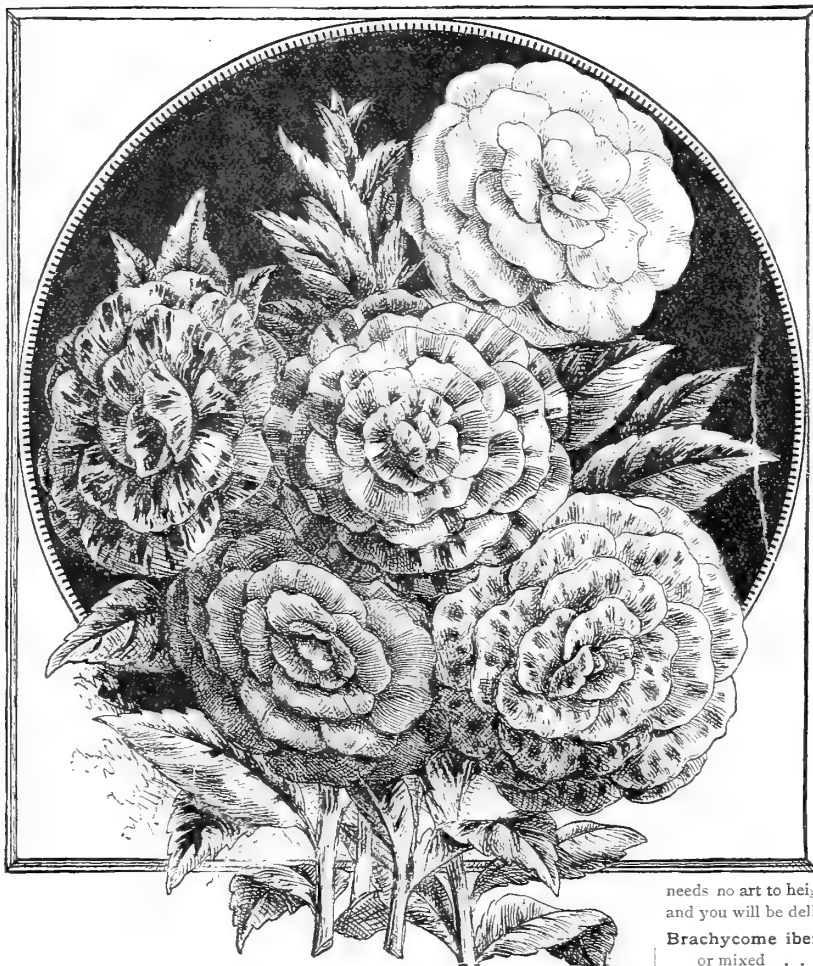
Read the following Opinion of Vick's New White Branching Aster.

GENEVA, ONTARIO CO., N. Y., September 15, 1893.

JAMES VICK'S SONS—Gentlemen:

You may recollect that last spring I formed a strong prejudice against your new late, tall, branching Aster, and that it was with reluctance I finally consented to try it. My opinion, formed from your description of it, was that it would be too late for any practical use with the large majority of the people. After giving it a trial, I may say that my prejudice has been entirely removed and that I am now very enthusiastic in its favor, considering it one of the most valuable novelties that have been introduced of late years. I planted the seed about the middle of April in a cold frame at the same time that I planted the rest of my Asters and other seeds. When large enough they were transplanted in the garden at the same time other Asters were. The result is that when the other Asters were in their prime the Tall Branching were just beginning to open their buds, and now that the others are mostly faded away the Tall Branching is in full flower and in all its glory, and magnificence indeed is the sight. Where it has plenty of room it is about three feet high, well and evenly branched, full of large, pure white, splendid flowers and an abundance of buds, that insures its continued blossoming until cut down by the frost, even if such an event does not take place until well into October. I cannot say too much in its praise. Yours truly, GEO. S. CONOVER.





BALSAM, Impatiens balsamina.

Balsaminen.

This beautiful and popular flower needs no introduction, but a few words may cause some who plant it to treat it with more care than is often given it. No plant will give more in return for the care bestowed on it, and yet none is more frequently neglected. The seeds are often sowed in the garden and the plants left to take care of themselves, save keeping the weeds from them. This is all wrong, for the young plants need just a little of the right kind of nursing.

The Garden Balsam is a native of India and likes a bright sun and warm weather, and our seasons usually are well suited to it. The seeds should be sown in the house, the hot-bed, cold-frame, or in a warm, sheltered spot in light soil in the garden. If sown in the open ground it should not be done until the ground has become warm in the latter part of spring. The seeds quickly germinate and the young plants make a rapid growth. When they are an inch or two high transplant the seedlings four or five inches apart so that they may have light and air on all sides, and by the time they are about four inches high transplant to their permanent place.

By this time they will have made numerous roots and they can be moved with a small ball of soil attached, especially if watered a short time previously. In this way they will never feel the move and will go on growing without interruption. Set the plants at least a foot apart, in soil that has been well enriched, and they will branch out in every direction, making handsome little pyramids which will soon be covered with flowers. To raise plants in this manner is the perfection of Balsam growing, and plants a foot in diameter at the base should be the aim of every one. The flowers are of great beauty and variety.—Annual.

- Balsam, Improved Camellia-flowered, flowers very large, extra double; superb strain, 25
- Camellia-flowered, 12 colors, in separate packages; each color 10
- Camellia-flowered, Extra Choice White, double 15
- Camellia-flowered, Deep Blood Red, very double; extra fine 15
- Camellia-flowered, Spotted, very double; spotted with white; mixed colors 10
- Camellia-flowered, Spotted, twelve colors, each in separate package; each color 10
- Dwarf Camellia-flowered, Spotted, eight or nine inches in height; splendid for a border or outside row of a bed 10

- Balsam, Camellia-flowered, very double, perfect form; mixed colors, 10
- Double Dwarf, very double; five inches 10
- Half Dwarf, eighteen inches in height 10
- Carnation, double; striped like the Carnation 10
- Solferino, white, striped and spotted with red, 10
- One package of each of the above five 40
- Common Double, occasionally only semi-double 5

BRACHYCOME.

Бръшлѣвъ.

The Brachycome or Swan River Daisy is a charming flower, which is offered in white and blue varieties, the blue being the original color, or that of the wild plants, while the white has been produced under cultivation. The plants grow about eight inches in height and bloom freely. The seeds can be sown in the house early in spring, and the plants afterwards set out in the ground where they are to bloom, or the seeds can be sown in the ground after the fine weather in spring has come. This flower is an original simple beauty and



SWAN RIVER DAISY

needs no art to heighten its charms. Flowers fine for cutting. Give it a chance, and you will be delighted with it.—Annual.

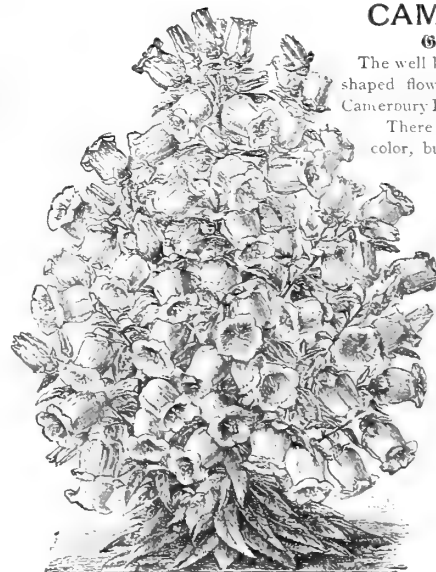
- Brachycome iberidifolia (Swan River Daisy), blue, and white, separate or mixed 5

CAMPANULA.

Glöckblume.

The well known, popular, large, bell shaped flower, known everywhere as Canterbury Bell is a biennial Campanula.

There are double varieties of every color, but though curious, are not really so beautiful as the old single bell. They lose that light transparent grace that is so attractive in a flower. We never yet saw a bell-shaped flower improved by doubling.



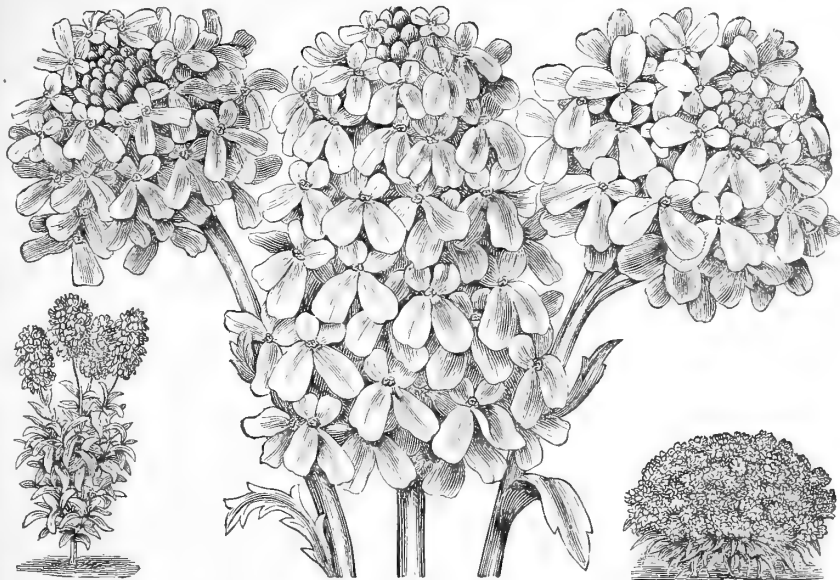
CAMPANULA CALYCANTHEMA.

- Campanula, calycanthema, beautiful biennial variety. See engraving . . . 10
- grandiflora, perennial, large, deep blue 10
- pyramidalis, biennial, fine large flower, white and blue 5

- Campanula Carpatica, perennial, blue and white mixed 5
- Medium Canterbury Bell, flowers large, plant two feet in height; single varieties mixed 5
- Double varieties mixed 5

CANDYTUFT.

Baucarfenf.



The Candytufts have long been among the most highly prized of garden annuals, and cultivation has done much in producing improved varieties. The seeds of the purple Candytuft were introduced into English gardens about three hundred years ago, having been brought from Candia, whence the name Candytuft. The best effect is produced by raising the plants in masses, and the seeds are sown where the plants are to bloom; sow in rows six or eight inches apart and thin out the plants so that those remaining will have plenty of room.

The soil should be rich, and when blooming time comes keep the plants well watered, especially if it should be a dry time. The plants are very branching and it is sometimes necessary to prune away some of the shoots in order to increase the size of the flowers. The Rocket Candytuft grows in compact spikes; the new dwarf varieties are only about six inches in height and their season of bloom is very long.

- Candytuft, Purple; White; Rocket; Sweet-Scented; Flesh Color; Extra Dark Crimson, each** 5
- New Carmine, true to color** 10
- Separate colors of above 7 varieties** 30
- Mixed colors of above 7 varieties** 5
- New Dwarf Hybrid, about six inches in height; blooms the entire season; fine for edging; mixed colors** 10
- Candytuft Empress, new, pure white, gigantic form, finest variety in cultivation. Strong, free grower, eighteen inches in height, producing several immense trusses of flowers, five to eight inches in length and two and a half to three inches in diameter, individual flowers of large size. To secure the best results, sow under glass so that good strong plants may be obtained for setting in the open ground when soil is warm. Set plants four inches apart. Per packet, 10 cents; five for 40 cts.**

CENTAUREA.

Flodenblume.

The Centaureas form a large family, and are perfectly hardy. Centaurea Americana is the largest and best, and is known as the Basket Flower, because the involucre has the appearance of a basket. Centaurea Cyanus, a native of Europe, is known in Germany, where it grows wild like our daisies, as the Kaiser-Blumen and Corn Flower. It was the late Emperor William's favorite flower. Annual.



- Centaurea Cyanus, known as Bachelor's Button, Corn Bottle, and Ragged Sailor, various colors mixed** . . . 5
- Victoria Dwarf Compact, miniature Centaurea, a charming new variety for pots and edgings** . . . 15
- Emperor William, fine dark blue** 10
- Pure White** 10
- Flora Plena, semi-double** 10
- White and blue, blue-black, rose, brick red, light blue, 5 colors, each** 5
- Sweet Sultan, mixed varieties** 5
- Americana, very large flowers; lilac purple** 10
- New varieties mixed** 10

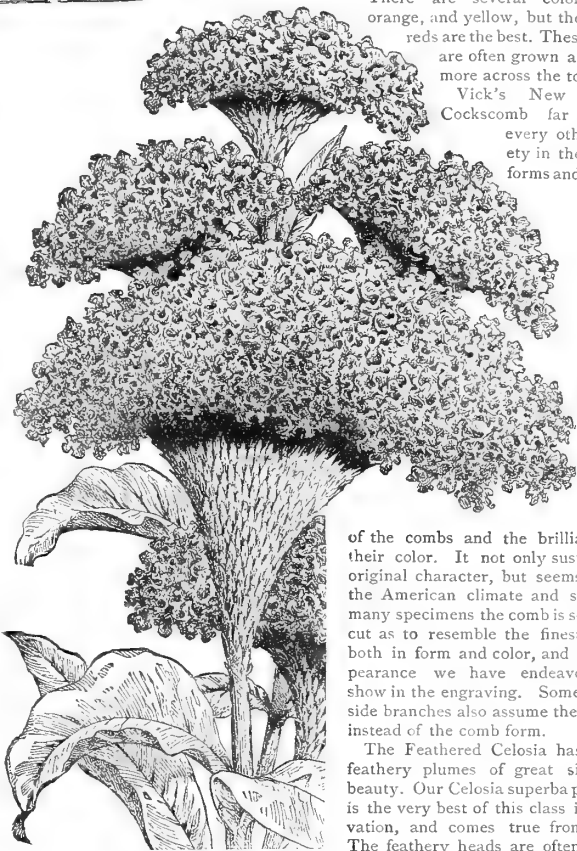
CELOSIAS.

Sahuentamm.

Celosias are interesting and brilliant annuals, and when well grown from seed of good quality never fail to please the grower and attract attention. There are two desirable forms of the Celosia, the Cockscomb and the Feathered.

There are several colors, red, orange, and yellow, but the bright reds are the best. These combs are often grown a foot or more across the top.

Vick's New Japan Cockscomb far exceeds every other variety in the varied forms and beauty



VICK'S JAPAN COCKSCOMB.

of the combs and the brilliancy of their color. It not only sustains its original character, but seems to like the American climate and soil. In many specimens the comb is so nicely cut as to resemble the finest coral, both in form and color, and this appearance we have endeavored to show in the engraving. Some of the side branches also assume the square instead of the comb form.

The Feathered Celosia has large, feathery plumes of great size and beauty. Our Celosia superba plumosa is the very best of this class in cultivation, and comes true from seed. The feathery heads are often a foot in length, bright crimson, but do not reach their best until toward autumn, when their brilliancy overshadows everything near them.

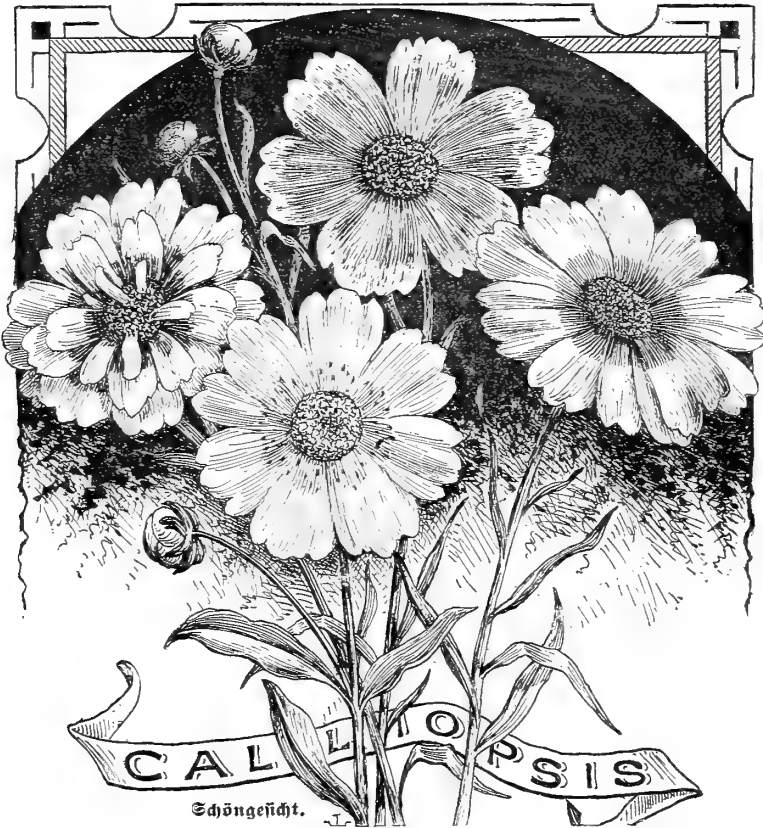
COSMOS.



This is a strong grower, having elegant foliage, and for fall blooming has no superior. Seed sown in April or May and transplanted to open ground will produce plants three to five feet high by September, which thereafter, and until November, will yield hundreds of blossoms three inches across, resembling

- single Dahlias in form. Planted in pots, and brought inside to flower, like Chrysanthemums, they are grand. They are of various shades from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases. One of the best fall flowers. Annual.
- Cosmos, Pure White Pearl** 10
- Pink Beauty** 10
- Fine Mixed** 10

- Celosia Japonica, Vick's Japan Cockscomb, an entirely distinct and very beautiful variety** 10
- Empress (new). Beautiful dwarf bright purple combs and dark foliage** . . . 10
- Crimson Giant. One of the largest and brightest of the Cockscombs** . . . 10
- Glasgow Prize, fine dwarf, dark leaves and crimson combs** 10
- superba plumosa, superb feathered, bright crimson** 10
- Dwarf Varieties Mixed** 10
- Tall Varieties Mixed** 10



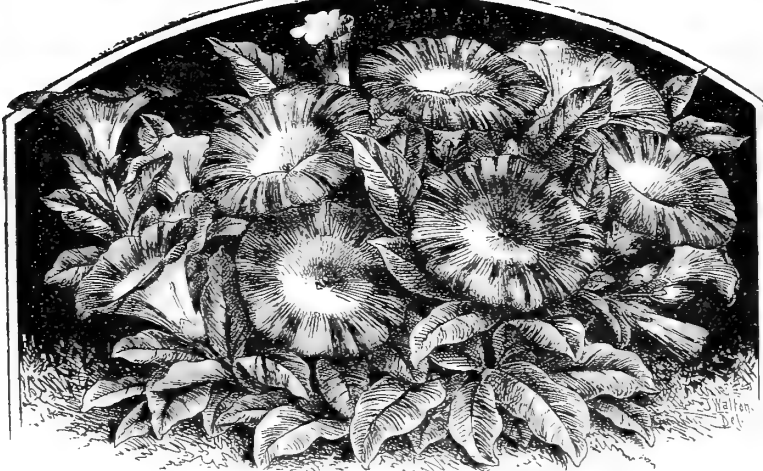
Schöngesicht.

The genus *Calliopsis* embraces a number of useful and brilliant hardy annuals. The plants are usually two or three feet in height, of slender habit and rapid growth. The flowers are of every shade of yellow, orange and rich reddish brown, and make brilliant groups or low screens. Seeds grow very readily, and may be sown where plants are to flower. They usually grow 3 feet in height and should be given plenty of room to spread.

- Calliopsis lanceolata*, one of the best golden yellow for cutting 10
- Extra choice, from named flowers 15
- Golden King, dwarf. For description see Novelty pages 15
- Mixed colors 15

CONVOLVULUS.

Binde.



DWARF MORNING GLORY.—Every one, of course, is acquainted with the old Morning Glory which is *Convolvulus major*, but all do not know the dwarf Morning Glory, *Convolvulus minor*. It has a trailing habit, and we have tried to show its appearance in the engraving, each plant covering a space of two feet or more in diameter. The flowers are about two-thirds the size of the Morning Glory, and a bed of them forms a beautiful mass.

- Convolvulus minor*, annual mixed colors 5
- Mauritanicus*, perennial, blooms the first season from seed; desirable for hanging baskets, bearing many lavender blue flowers 10

CANNA.

Blumentrohr.



CANNA.

The Cannas are plants of increasing importance for ornamental grounds. Plants from three to five feet in height, with handsome foliage, and are greatly

admired. The leaves are green in some varieties and in some purple and reddish. The flowers are bright colored, red or yellow and variously marked, and peculiar and handsome in form.

The plants once obtained can be kept from year to year, dividing them as they increase in size; on the approach of frosts they must be taken up, like *Dahlia* roots, and after lying out a few days to dry off, they can be stored away until spring in a cellar or some place free from frost.

The seed shells are round, the size of a good sized bullet, hence the name of Indian Shot. They are very hard and some soak them in warm water for several hours before planting; but the best way we have found to be is to file a hole through the shell, thus allowing the passage of water to the seed, which in swelling breaks through the hard covering. The second year will give good seed plants.

The French hybrid Cannas, though no better as foliage plants, have larger flowers; these varieties are increased only by division. The following named varieties produce fine seedling plants.

- Canna Indica* (Indian Shot), *rubra*, red 10
- Warscewiczii*, red, foliage striped 10
- President Faivre*, fine dwarf, dark-leaved variety 10
- compacta elegantissima*, large; reddish yellow; free-flowering 10
- Nepalensis*, superb yellow flowers 10
- Dark-leaved varieties mixed 10
- Mixed varieties 10

See other pages for bulbs and plants of Cannas.



Gökinfie.

Collinsias are free-flowering, hardy annuals, the flower stalks being one foot to eighteen inches in height. The flowers are in whorls, and several of these around each flower stem. Seed may be sown in open ground.

Collinsia, mixed varieties 5

COLLINSIA.

CHRYSANTHEMUM.

Chrysanthemum.

The glorious and showy Autumn-blooming Chrysanthemums, which are now so much admired and cultivated, have their relatives among summer annuals, which, though somewhat different, are equally beautiful and are

easily raised from seed. The plants can be raised by sowing the seed early in the house or frame and planting them out when the weather is favorable, or the seeds can be sown in an open seed-bed, or even where the plants are to stand, provided the plants are thinned out so as to stand not closer to each other than eight to twelve inches. A little shade, or shade in the after part of the day, is desirable for them—a border on the east or northeast side of a house would be suitable. Pinch them back until July 15th to make them grow branching and full.

CHRYSANTHEMUM.

- Chrysanthemum Burridgeanum**, crimson, with white center; very showy, one foot 5
- venustum**, white, crimson center, one foot 5
- Lord Beaconsfield**, rich, crimson-maroon, striped and edged with gold. Gold circle surrounding rich brown eye 10
- The Sultan**, main colors same as Lord Beaconsfield, but having a deep golden-hued rim around the eye 10
- W. E. Gladstone**, new and entirely different from the other varieties, in color a brilliant crimson 10
- Eclipse**, showy and very striking, colors a combination of yellow, purplish-scarlet and dark brown 10
- Double White** 5
- Double Yellow** 5
- One package of each of the above eight varieties 50*
- Paris Daisy**, one foot, pure white 5
- Mixed annual varieties** 5
- Chrysanthemum seed from show flowers, selected from our own collection. Price 25 cents per packet.



CARNATION.

Gartenmelc.

FROM EXTRA CHOICE GERMAN SEED.

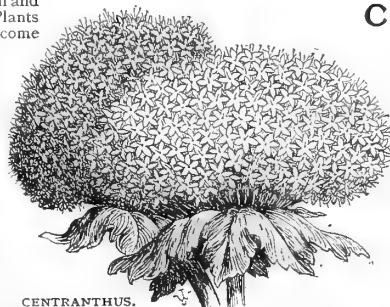
The most beautiful of all the Dianthus family. Flowers large, handsome, and delightfully fragrant; a rival of the Rose. Seed may be sown under glass in the spring, or in the open ground, and the second summer the plants will flower. Some of the plants will have single flowers, and these can be pulled up. Young plants are perfectly hardy; but when old, they are injured in the winter. A succession of young plants should be procured, either from seeds or from layers, every year. Layering should be done in midsummer; simply cut a slit in a young shoot to obstruct the flow of sap, and then remove the earth a few inches in depth, and press down the branch, so that the slit will open, and cover it with soil. Roots will push out where the cut was made, and thus a new plant will be formed. Perennial.

- Carnation, German seed from named flowers 25
- Carnation, Choicest**, with yellow ground 50
- Extra Italian Seed**, saved from prize flowers only 50
- Choicest**, with white ground 50

New Marguerite. For description see Novelty page. Price 20 cents per pkt.

Pink, Pheasant's Eye, related to the Carnation, but smaller flowers and more hardy. Flowers beautiful and fragrant. Perennial. Plants are hardy until they become old. It is best to keep a few young plants coming on 5

or June Pink, sometimes called Grass Pink; fine for massing. Closely



CENTRANTHUS.

CENTRANTHUS.

The flowers of Centranthus are small, borne in clusters, as shown in the engraving, on light green, almost transparent stems. They form beautiful masses or borders, and for cutting for bouquets, or other floral work are excellent. We have never experienced difficulty in obtaining plants from seed in the open ground. Annual.

- Centranthus, mixed varieties 5**

CALENDULA.

Ringelblume.



CALENDULA METEOR.

Calendula is the name of the old and well-known Pot Marigold, prized by house keepers in Europe for flavoring soups and stews. The flowers are dried in autumn and kept in paper bags for use. Formerly the flowers were in repute as "comforters of the heart." In mild climates this plant will bloom in nearly every month of the year, thus being a floral calendar, and from this circumstance it was named. Seeds can be sown early in spring in open ground.

- Calendula officinalis Le Proust**, uniformly double; nankeen, edged with brown 5
- Prince of Orange**, very fine, color intense orange 5
- Meteor**, the handsomest of all, double and beautifully striped, the petals having a creamy center edged with orange yellow 5
- officinalis, Pot Marigold 5**
- Mixed varieties 5**

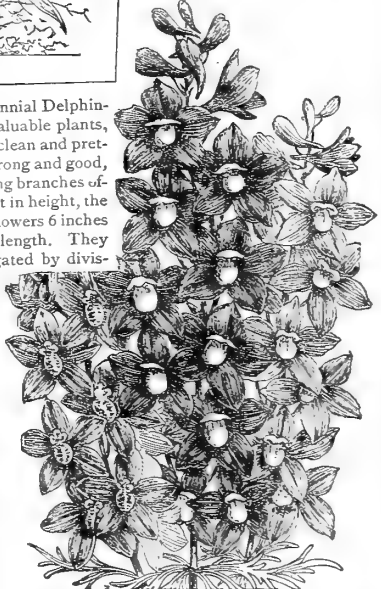
DIANTHUS.



Delphinium, Double Dwarf Rocket, mixed colors 5
 Tall Rocket, large plant; very showy 5
 Stock-flowered, double, branching; fine for cutting; mixed colors 5
 Candelabrum, one foot; flowering late 5
 Emperor Larkspur, compact, brilliant; mixed 5
One package of each of the above 30

DELPHINIUM Bercnirrende Rittersporn. PERENNIAL VARIETIES.

The perennial Delphiniums are valuable plants, the foliage clean and pretty, habit strong and good, the flowering branches often four feet in height, the spikes of flowers 6 inches or more in length. They are propagated by divis-



DELPHINIUM Rittersporn.

The Delphiniums are beautiful plants, generally known as Larkspurs. They prefer a cool soil and season. Sow the seed in autumn, or even early in the spring. Branching varieties grow two feet in



CANDELABRIUM LARKSPUR. ANNUAL VARIETIES. height, and should be planted eighteen inches apart. The Rockets should be set in rows 5 or 6 inches apart

PERENNIAL DELPHINIUM.

ion of roots and from seed. Sow seed in the spring, and strong plants will be produced by autumn that will flower the next spring.

- Delphinium formosum, brilliant blue; white eye 10
- caelestinum, celestial blue; flowers large; spikes long 10
- nudicaule, beautiful bright scarlet, native of California 10
- Chinese, fine; blue, white and pink, mixed 5
- One package of each of the above 30*
- New varieties mixed 10

DIANTHUS OR CHINESE PINKS.

The varieties of Dianthus known as Chinese Pinks and Japanese Pinks are among the most brilliant of our garden flowers, and are worthy of particular care. Plants of the tall sorts are from twelve to fifteen inches in height; those of the dwarf varieties are only a few inches high. These last make good pot plants. Seeds can be sown under glass in the Spring or in an open, sheltered seed bed. The plants are easily transplanted and should be set from eight to twelve inches apart—the dwarf varieties about six inches. The plants bloom all through the summer and, also, the second season, if protected in winter.

- Dianthus Chinensis**, best double varieties mixed 5
- Double Imperial Pink**, mixed 5
- imperialis, double, white and red striped 5
- imperialis, double, white and purple striped 5
- imperialis, blood-red, double 5
- imperialis, double white 5
- One package of each of the above 25*
- Heddwigii, large, single flower, three inches in diameter, beautiful, rich colors, finely marked; mixed varieties and colors 10
- Heddwigii, double mixed 10
- Heddwigii, double white, large, double flowers 10
- laciniatus, single, flowers very large, sometimes three inches in diameter; very deeply fringed and beautifully colored; mixed 10
- laciniatus, double, magnificent flowers; very large; petals deeply serrated 10
- One package of each of the above 40*
- Mixed Seed of Last five varieties** (Heddwigii and laciniatus) 10
- Diadem Pink**, brilliant markings and dazzling colors; mixed 10
- Best Dwarf Varieties mixed** 5
- The Bride (New), white with purple center; very pretty 20
- Crimson Belle, brilliant dark red; very handsome 15
- Eastern Queen, an exquisite rose color 15
- One package each of the three last charming varieties only 40*



DIGITALIS

(FOXGLOVE).

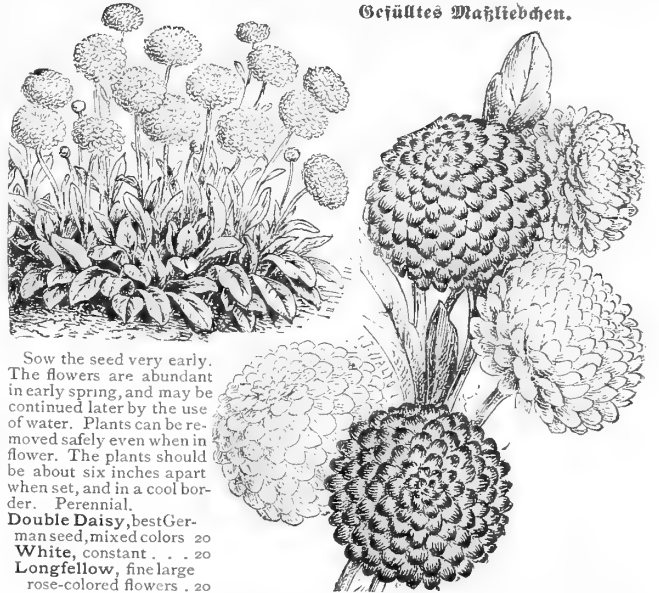
Fingerhut.

The Digitalis is quite a stately plant, when well grown, with flower stems at least three feet in height. The racemes of flowers, as shown in the engraving, are often two feet in length, containing scores of the prettily spotted, thimble-shaped flowers. Perfectly hardy, and seed may be sown in the spring in the garden, and transplanted as desired. In the autumn large plants can be divided, and thus plants may be increased indefinitely, but it is well to secure a few fresh plants from seed occasionally, as in this way new varieties are obtained. Biennial.

Digitalis, purple white and spotted, separate colors, each 5
Mixed varieties 5

DOUBLE DAISY.

Gefülltes Maiglöckchen.



Sow the seed very early. The flowers are abundant in early spring, and may be continued later by the use of water. Plants can be removed safely even when in flower. The plants should be about six inches apart when set, and in a cool border. Perennial.

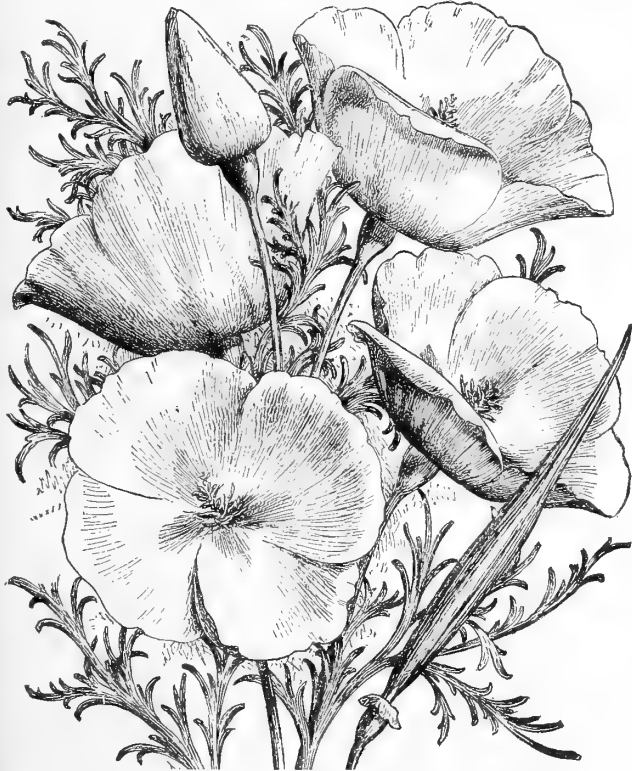
Double Daisy, best German seed, mixed colors 20
White, constant . . . 20
Longfellow, fine large rose-colored flowers, 20
Snow Ball. For description see Novelty pages. Price 20c. per pkt., 3 for 50 cents.

ESCHSCHOLTZIA.

Eichscholtzie.

CALIFORNIA POPPY.

This is California's lately chosen state flower, now well known as the California Poppy. The plants grow to about a foot in height; the leaves are of a grayish



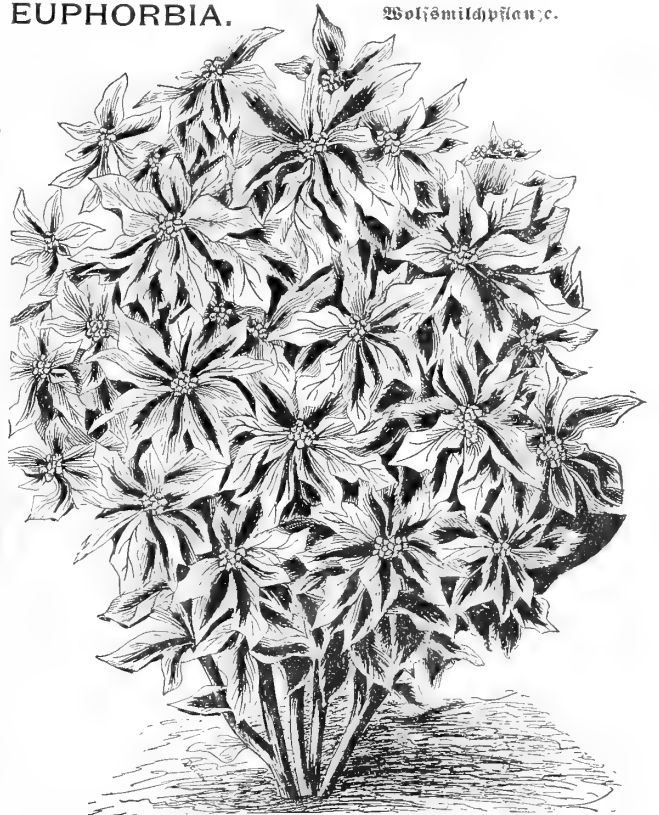
ESCHSCHOLTZIA, OR CALIFORNIA POPPY.

green color, finely cut and divided. The large, handsome flowers, two inches or more in diameter, are yellow, orange and white, and are produced in great profusion all summer. Plants of easy culture. Seeds can be sown where the plants are to bloom. Annual.

Eschscholtzia, all varieties mixed 5
Orange, yellow and white, separate color, each 5

EUPHORBIA.

Wolfsmilchpflanze.



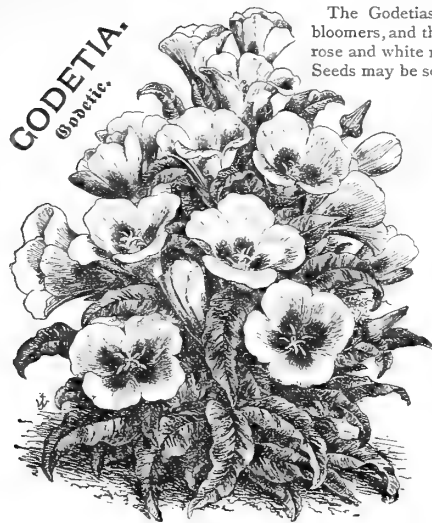
EUPHORBIA.

Euphorbia heterophylla. Known as "Fire on the Mountain," "Mexican Fire Plant," "Annual Poinsettia," and "Painted Leaf." An annual, forming bushy plants three to four feet high, with highly ornamental leaves, which become flared with dark fire-scarlet, leaving only a small tip of green. Easy of cultivation, growing in places fully exposed to the sun, which brightens and hastens the coloring. It can also be grown in pots and moved about at pleasure, and interspersed with palms, etc., the effect is fine.

Price, per packet, 15 cents; 2 for 25 cents.

Euphorbia Marginata, 2 feet in height; leaves light green and white margined; called Snow on the Mountain 5

CODETIA.
Godetia.



CODETIA.

The Godetias are profuse and constant bloomers, and their delicate tints of crimson, rose and white render them very attractive. Seeds may be sown in open ground, but better sow in a cold frame. Set plants a foot apart. Annual.

- Godetia Bijou**, 6 inches in height, very bushy and covered with a mass of beautiful, pure white flowers, marked with a dark rose spot at the base of each petal 10
- Duchess of Albany**, handsome, very large, glossy, satiny-flowers 10
- Lady Albemarle**, brilliant dark crimson, very large; plant one foot in height 10
- Satin Rose**, bright rose, very fine 10
- Whitney Brilliant**, dwarf, compact plant with rich carmine flowers 10
- One package of each five above 40*
- Best varieties mixed** 5

GYP SOPHILA.

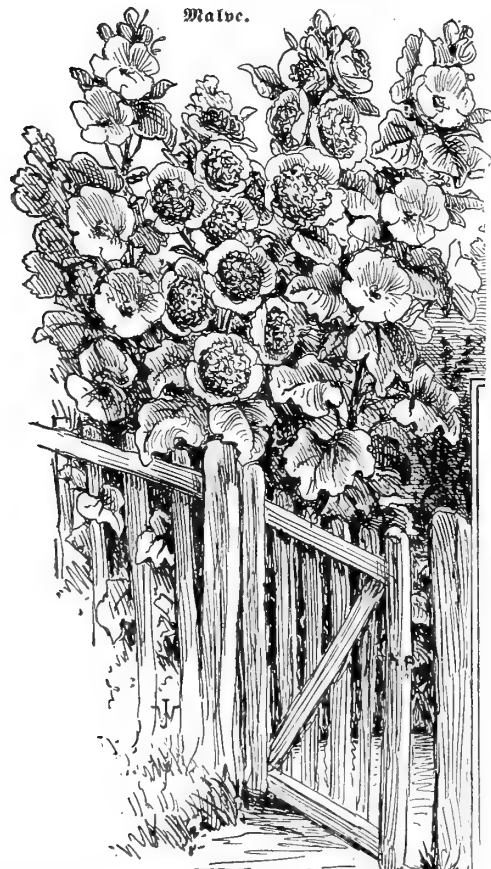
Gypsophilic.

Gypsophilas are valuable for bouquet-making, either green or dried. They are very graceful and easily cultivated. Should be in every garden. All flower the first season. Paniculata continues to bloom several years.

- Gypsophila elegans**, hardy annual; white; six inches 5
- muralis**, beautiful hardy; six inches, forming a dense mass; blooms profusely; flowers pink; fine for edging 5
- paniculata**, perennial; white; fine for cutting 5

HOLLYHOCK.

Malv.



DOUBLE HOLLYHOCK.

A good, double, clear white Hollyhock is a very good substitute for a Camellia or a white Rose, as a center of a bouquet. We do not now think of one as good, except the double Balsam. In situations suitable for tall flowers we know of nothing better than the Hollyhock; and yet the improved varieties do not grow very high, from four to five feet being about the average. The Hollyhock is biennial. New plants are obtained from seed and by dividing the roots. Seeds sown in the summer will give plants that will endure winter. The Hollyhock will last a great while, for several years, if not allowed to flower too freely. Plants are, however, so easily grown from seed that little trouble is taken to preserve old plants. The plants may be protected during winter with a little straw and evergreen boughs, or leaves

Hollyhock, Double, very double and fine, from the best named collection in Europe to

GAILLARDIA.

Gaillardie.

Gaillardias, known as Blanket Flowers, are good bedding annuals, being strong, constant bloomers through the whole summer. Set plants twelve to eighteen inches apart. Half hardy. Head of flower large and showy.



GAILLARDIA LORENZIANA.

- Gaillardia picta**, red and yellow 5
- Josephus**, brilliant; red and orange 5
- albo-marginata**, red, bordered with white 5
- Amblyodon**, fine red 5
- picta Lorenziana**, fine double variety; heads two inches in diameter 10
- grandiflora**, perennial; large, brilliant flowers; excellent for cutting; mixed varieties 10
- Mixed varieties** 5

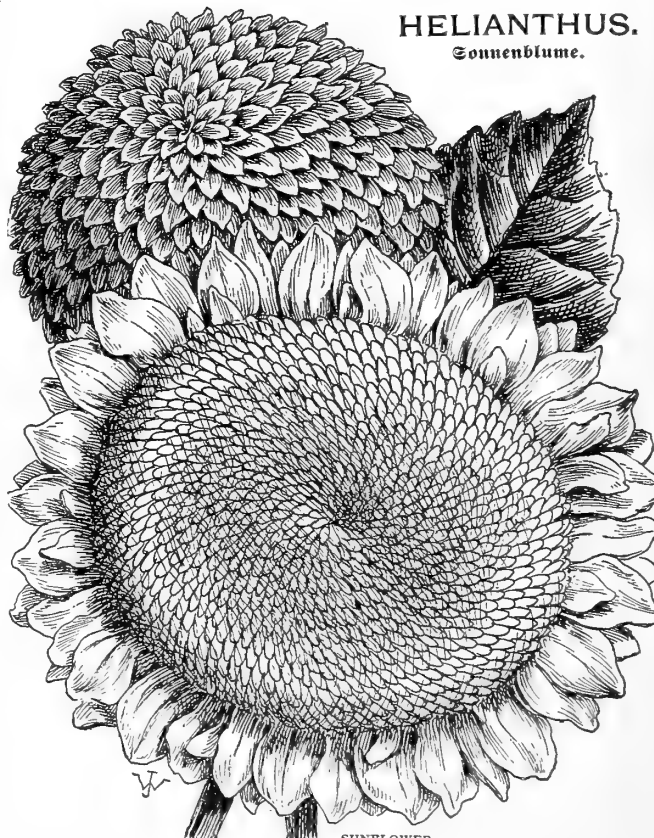
GILIA.

Gilien.

Free-flowering hardy annuals, 1 foot to 18 inches high, small delicate flowers, white, rose colors; desirable for cutting, suitable for rock work. Seed should be sown in open ground, but if transplanted, remove when small. **Gilia achillæfolia**, mixed colors 5 **capitata**, mixed colors 5 **tricolor**, mixed colors 5 **All varieties mixed** 5

HELIANTHUS.

Sonnenblume.



SUNFLOWER.

Coarse, tall plants, from four to eight feet in height, bright yellow flowers. The well-known old Sunflower is a Helianthus. The best double varieties produce a very good effect among shrubbery, and when used as screens. The Sunflower is hardy and sometimes reproduces itself from self-sown seed. The seeds of the single varieties are of considerable value for oil as well as for feeding poultry. See also Helianthus, described under "Hardy Plants and Bulbs," varieties that are attracting much attention. They can be obtained only as plants, and we recommend our friends to try them.

- Helianthus globosus fistulosus**, best of the Sunflowers; very large; double 5
- Double Green-centered**, a large flower, green center when young; when old, perfectly double; five to eight feet in height 5
- Mammoth Russian**, single; very large; usually grown for the seed; per lb., 30 cents 5

LOBELIA.



LOBELIA CRYSTAL PALACE COMPACTA.

LOBELIA HYBRIDA GRANDIFLORA.

LOBELIA.

Lobelia.

Some of the Lobelias are hardy perennials, like the Cardinal Flower, Annual varieties are of various styles of growth; some of them are of trailing habit; others make low-growing, branching plants; while others form dwarf, compact little plants, fine for edgings, etc.

Lobelia cardinalis, our native Cardinal Flower; spikes of brilliant scarlet; blooms first year if well started with heat 10

ANNUAL VARIETIES.

Crystal Palace compacta, dark blue, the best for edgings and carpet-bedding 10

Emperor William, light blue, compact, very fine 10

erinus compacta, deep, rich blue 10

erinus compacta alba, white 10

hybrida grandiflora, large, dark blue flowers, with white eye 10

One package of each of the above 50

Mixed varieties for baskets, etc. 10

MIMULUS.

Mittagsblume.

The Mimulus, or Monkey Flowers (named from the resemblance of the corolla to a mask or face), are beautiful, tender looking plants, with almost transparent branches. Fine for baskets, vases, and house culture, and do well planted out where they will be somewhat shaded. Perennial, but bloom the first season.

Mimulus cupreus, beautiful, orange and crimson 10

hybridus tigrinus, beautifully spotted as the Calceolarias 10

hybridus tigrinus, with beautiful double flowers 10

Musk Plant 10

quinquevulnerus maximus, from best varieties 10

One package of each of the above 40

Mixed varieties 10



MIMULUS.

MIRABILIS.

Wunderblume.

Mirabilis, or Four O'Clock, grows two ft. high, bright foliage, fragrant flowers and desirable colors. Set plants two feet apart. Makes a nice summer hedge if set a foot apart. Seed should be planted in the open ground where the plants are desired. Opens in the afternoon. Perennial, blooming the first season.

Mirabilis, Marvel of Peru, mixed colors 5

Variegated Foliage, flowers of a variety of colors 5

Long Flowered, white, sweet-scented; flower 3 to 4 inches long 5

Long Flowered violet, same as above, except color 5

Tom Thumb, very dwarf, covered with pure white flowers 5

One package of each of the above 20



MARIGOLD.

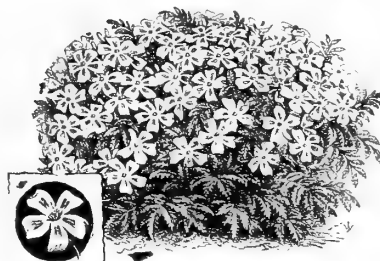
Samtblume.



FRENCH MARIGOLD.

AFRICAN MARIGOLD.

The French and African Marigolds are valuable for their flowers in Autumn, and can be grown to advantage in little clumps with other plants in the front of shrubberies or in the garden border. The African varieties are the taller in growth, the French produce the best flowers. The dwarf growing kinds adapt themselves to spots where the taller varieties would be unsuitable. Seeds can be sown in a cold frame or in a seed-bed in the open border and



TAGETES S. P.

the young plants transplanted late in spring where they are to remain.—Annuals.

African Marigold, mixed varieties 5

French Marigold; striped, yellow and brown 5

Tall varieties, mixed 5

Dwarf varieties, mixed 5

tagetes signata pumila, a beautiful plant, forming a globular, dense mass; fine for bedding and borders 5

One package of each of the above 20

MYOSOTIS.

Bergknecht.

Perennial plant, flowering first season if sown early; small white and blue flowers. Seed may be sown in a hot-bed and transplanted, or in open ground in the spring.

Myosotis alpestris, blue, six inches 10

alpestris, white; six inches 10

alpestris rosea, rose; six inches 10

alpestris robusta grandiflora, new; large flowering, of pyramidal habit; very fine 10

palustris (Forget-me-not), white and blue 10

Azorica, dark blue; one foot 15

Azorica, var. caelestina, flowers sky-blue 15

Mixed varieties 10



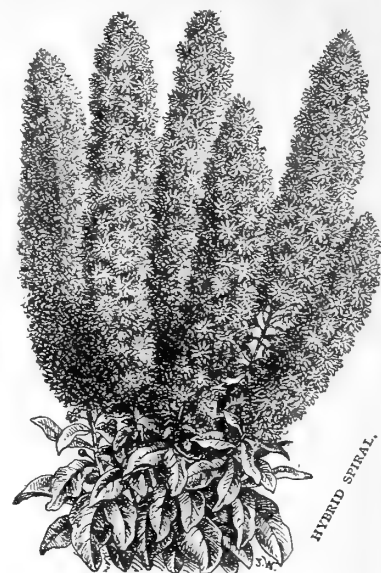
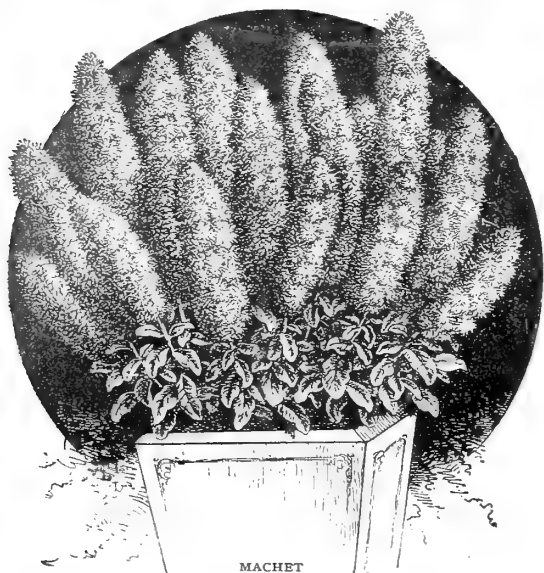
Azorica, dark blue; one foot 15
Azorica, var. caelestina, flowers sky-blue 15
Mixed varieties 10

MIGNONETTE.

Reseda.

Seeds of Mignonette may be sown at any season, so that by having pots prepared at different times a succession of flowers can be secured. Seed sown early in the garden will give flowers through summer. Plant in a cool place and it will continue to bloom all through the fall. For winter blooming keep in a cool room till buds are formed and begin to show, then bring into temperature not exceeding 50 degrees at night. New Spiral has long, strong spikes, as shown in the engraving. Very few cultivate the common Sweet Mignonette compared with the many that might show their love of this sweet little flower.

- Mignonette, Sweet, well known, fragrant little hardy annual; per oz., 20 cents 5
- odorata grandiflora ameliorata, large variety of Mignonette, reddish tinge to flowers; per oz., 20 cents 5
- Golden Queen, a very fine new and distinct variety, with flowers of a golden hue; the best of recent introduction 10
- Machet, plant dwarf and vigorous, of good habit, producing many large spikes of very sweet-scented red flowers; fine for pot culture 10
- New Hybrid Spiral, robust plant, long spikes 10
- Parson's White 5
- One package of each of the above 35



MESEMBRYANTHEMUM.

Wasserpflanze, Gantlerblume.

The Mesembryanthemums ("Midday Flowers") are pretty, half-hardy annuals, with delicate, succulent, almost transparent branches and leaves. The most popular are known as Ice Plant and Dew Plant. Both are of drooping habit, and adapted to baskets, vase work, and rockeries. The flowers of the Ice Plant are small and white. The Dew Plant has a smooth, light green, dewy-looking leaf, and a very pretty pink flower.

- Ice Plant, prized for its singular icy foliage 5
- Dew Plant, reddish violet 5

MOLUCCA BALM.

Muschelblume.

The Molucca Balm is commonly known as the Shell Flower, because of the resemblance of the calyx to a shell. It is a strong annual, two or three feet in height, having but few leaves. Very curious and attractive.

- Molucca Balm, or Shell Flower 10

NICOTIANA.

Tabakspflanze.

FRAGRANT FLOWERING TOBACCO—EVENING BLOOMER.—Of the varieties of Tobacco cultivated for the fragrance of their flowers. *Nicotiana affinis* is the best we have grown. The plant attains a height of three feet, and at evening and early morning is covered with deliciously-scented, large, white flowers.

- Nicotiana affinis*, annual 10



NIGELLA.

Schwarzkümmel.

LOVE IN A MIST.—Seeds grow readily, may be sown in the open



ground early in the spring. Hardy annuals, with finely cut leaves and curious showy flowers.

- Nigella Damascena* (Love-in-a-Mist), double; one foot 5
- Damascena nana*, dwarf; variety of colors; six inches 5
- Hispanica*, large-flowered; very fine; 1 foot 5
- Nigella Fontanesiana*, like *Hispanica*, blooming two weeks earlier 5
- One package each of the above 15

NEMOPHILA.

Liebeskainblume.

LOVE IN THE GROVE—BAY EYES.—The *Nemophila* is a pretty, delicate, hardy annual. The flowers are mainly blue and white. They do best if sown in a frame and transplanted early, as the hot sun injures the flowers; but do finely all summer, if planted in a rather cool, shaded place. Set about six inches apart. A few plants set early among spring flowering bulbs, such as Tulips, will do well and bloom beautifully and add much to the fine appearance, or seeds scattered over the bulb beds in autumn, will give a good account of themselves in early spring.

- Nemophila*, mixed varieties 5



NEMOPHILA.

NOLANA.

Zymbelblume.

THE LITTLE BELL.—Nolanas are trailing, hardy annuals. Prefer a light soil. Seed may be sown in the border where the flowers are desired, or in a seed-bed to be transplanted as needed. Excellent for rock-work, baskets, etc. Flowers cup-formed, something like those of the Morning Glory.

- Nolana*, mixed varieties 5





PETUNIA.

Petunie.

There are two distinct kinds of single Petunias : the Grandiflora sorts with large flowers ; and the small-flowered section, which gives abundance of bloom. These last are sold as Blotched and Striped, Fine Mixed, and Countess of Ellesmere, and make wonderfully pretty beds, few things better. The latter flowers are pink, and come always true from seed. For showy beds, therefore, the small-flowered kinds are best, but for little groups of plants, or single plants, the Grandifloras are admirable, the flowers often being four inches in diameter.

Petunia seed sown in the spring will produce flowering plants in June. Set the plants about 18 inches apart. They come pretty true from seed, but are not reliable in this respect, being inclined to sport. They do well sown in a cold-frame, hot-bed, or in the open ground. Few plants will make a more showy bed than the Petunias, giving flowers from early summer until after frost. The seeds of the Double Petunia do not possess as much vitality as those of the single, and a good deal of care must be used to get them to germinate, nor will they all come double.

LARGE FLOWERED.

<i>Petunia hybrida grandiflora Kermesina</i>	25
<i>grandiflora maculata</i> , splendid spotted	25
<i>grandiflora venosa</i> , variety of colors, beautifully veined	25



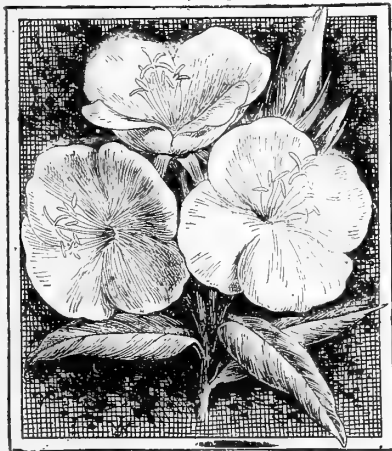
<i>Petunia grandiflora rosea</i> , large flowers, bright rose, white throat	25
<i>grandiflora marginata</i> , large flowered, bordered and veined with green	25
<i>grandiflora violacea</i> , one of the noblest of the large-flowered Petunias, and of a rich violet	25
<i>grandiflora superbissima</i> , magnificent flowers of extra large size, the very deep throat beautifully veined to the base	25
<i>One package of each of the above seven</i>	150
<i>grandiflora</i> , choice mixed, from show flowers	25
Choicest Double. The seed we offer is the best to be obtained. The double Petunia bears no seed, and but little pollen	25
Vick's New Fringed , a strain with fringed and frilled edges, very distinct and beautiful, and coming true from seed	25
<i>One package of each of the above three</i>	60

SMALL FLOWERED.

New Dwarf Inimitable , a really dwarf variety, forming a compact little plant 5 to 8 inches in height by as much in diameter, covered with regularly striped flowers. Admirably adapted for massing, as well as for pot-culture	25
Countess of Ellesmere , dark rose, with fine white throat	10
Blotched and Striped	10
<i>One package of each of the above three</i>	35
Fine Mixed , suitable for boxes or bedding	10

CENOTHERA.

Nachtkeze.

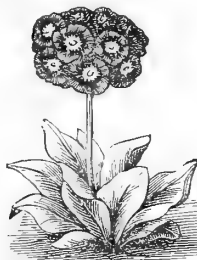


WHITE GENOTHERA.

EVENING PRIMROSE. Cenotheras are very fine, half-hardy annuals, opening their flowers suddenly in the latter part of the day, and making a most brilliant exhibition during the evening and early in the morning. Some large varieties attract much attention. <i>Cenothera acaulis alba</i> , dwarf; a marvel of beauty; pure white	10
<i>Lamarckiana grandiflora</i> , flowers yellow; four inches in diameter; plants grow four feet in length	5

PRIMULA.

Primesl, Aurikel, Schlüffelblume.

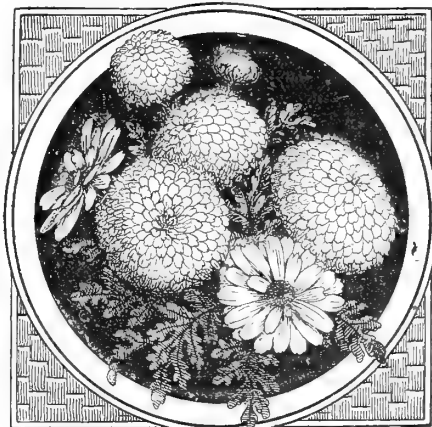


In this country Primulas do well in a cold house, but in the open ground succeed best in a northern border. *P. vulgaris* is the sweet and beautiful English Wild Primrose, so ardently loved by all who spent their childhood days among the green lanes of England, and *P. veris* is the English Cowslip. Seed in this country must be sown under glass.

<i>Primula auricula</i> , fine mixed	25
<i>auricula</i> , from named flowers	50
elatio (Polyanthus), fine mixed	10
<i>vulgaris</i> , Wild English Primrose	10
<i>One package of each of above</i>	80

PYRETHRUM.

Pyrethrum.



PYRETHRUM.

We have found the Pyrethrum to be entirely hardy in this section. It would be well to sow seed under glass, but we have grown it by sowing seed in the open ground. A good double Pyrethrum is as desirable as a good Aster, quite as large and as double. *Pyrethrum hybridum*, double varieties mixed 25
Double feverfew 10
Golden Feather, prized for its yellow foliage 10



PHLOX.

Flammenblume.

The word *phlox* signifies "a flame" and a good ribbon bed of Phlox is a dazzling sight, and there is nothing will make so grand a display for so little cost. In a good, rich soil it will grow eighteen inches or more in height, and no annual or perennial will give more satisfactory return for the outlay.

The Phlox Drummondii, for a mass of splendid colors and a constant display, is not excelled by any other annual or any perennial that we are acquainted with. It has every desirable quality for this purpose. The colors range from the purest white to the deepest blood purple or crimson, and yellow, and striped, the clear eye of the Phlox being peculiarly marked. Seed may be sown in the open ground in May, or in hot-bed or cold frame earlier; and in either case, from June, during the summer and autumn, the plants make a most brilliant show of flowers. Set the plants about one foot apart; if too thick they suffer from mildew.

The Phlox makes a very good border or low summer hedge. The finest effect, however, is produced by planting each color in a separate bed, or in ribbon fashion, its constant blooming making it desirable for these purposes. In selecting the plants, get good contrasts of color, as white, scarlet and rose. Phlox usually comes very true from seed, so that it is particularly desirable for forming ribbon beds, and if a plant of a wrong color is found it can be easily removed, and the place will soon be filled, for the Phlox is a vigorous grower when it has room.

The seed of the Phlox is perfectly hardy, and we have good success in planting in the autumn, but it must be sown so late that the seed will not start in the fall, for the plants will not bear frost. Early spring is generally the best for sowing. We grow several acres of Phlox every year, devoting much care to its improvement, and our strain of Phlox Drummondii is the best the world produces.

Phlox, Deep Blood Purple	10
Brilliant Scarlet	10
Violet Queen, violet, with large, clear white eye	10
Carmine Queen, beautiful carmine, with large, white eye	10
Leopoldii, splendid deep pink, with white eye	10
Rose	10
Rose, with white eye	10
Violet and Lilac	10
Pure White	10
Pure White, with purple eye	10
Chamois Rose, very delicate and fine	10
Isabellina, a light dull yellow	10
Radowitzii Rose, striped with white	10
Radowitzii Crimson, striped with white	10
Radowitzii Violet, striped with white	10

Phlox, Vick's New Double White, a very fine, robust, half-dwarf, nearly all coming double; very desirable for cutting 15
One package of each of the above sixteen \$1 50
All varieties mixed 10

PHLOX DRUMMONDII GRANDIFLORA.

The flowers of this section have round petals, and larger flowers than the old sorts. These varieties we have found to be nearly constant:

Phlox grandiflora splendens, bright scarlet, white eye	10
Pure White, large	10
Elegans, margin rose to crimson, large, round, white eye	10
Dark Purple, with white eye	10
Dark Purple, striped with white	10
Scarlet, splendid	10
Rose-Carmine, with white eye	10
Quadricolor Rosea, rose petals	10
<i>One package of each of the above eight varieties</i>	60
Choice mixed	10

PHLOX DRUMMONDII NANA COMPACTA.

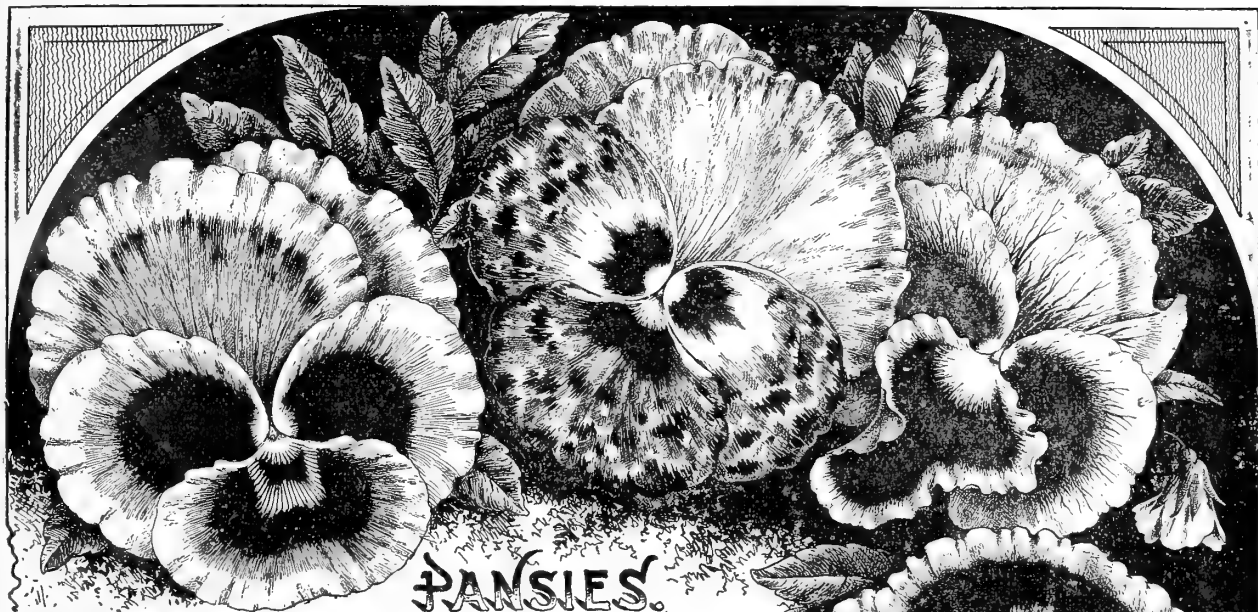
These dwarf annual Phloxes are very desirable for edgings and ribbon beds, and useful for pot culture. They grow six to eight inches in height, forming dense masses of bloom all summer. Of the many varieties, the following are the best:

Phlox, nana compacta crimson, striped with white	15
Carmine, dark eye	15
Carmine-Rose, white eye; very fine	15
Chamois Rose, fine shade of rose	15
Cinnabarina, cinnabar-red, with small, white eye	15
Fireball, bright scarlet	15
Deep Rose, crimson eye	15
Snowball, pure white	15
Violet and Lilac	15
<i>One packet each of the above nine varieties for \$1.10, or six for</i>	75
Best varieties mixed	15

STAR PHLOX.

This variety must be regarded as a highly original novelty. While the petals of all other Phloxes are entire, this variety is partly fringed and partly three-toothed, the central teeth of the petals are five or six times as long as the lateral ones, projecting like little spines, giving the flowers a regular star-like form. The beauty of the flowers is enhanced by a white margin which borders the edges of the petals. There are already many distinct colors. *Price per packet 15 cents.*

Perennial Phlox, finest varieties mixed 10



PANSIES.

Stiefmütterchen.

THE PANSY is justly, everywhere and with everybody, a very popular flower. Its modesty and innate sweetness, with its almost human face, endear it to the heart of young and old alike. It gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms.

Pansy seed may be sown in the hot-bed or open ground; if sown in the spring, get it in early, so as to secure flowers during the early rains. Seeds sown in a cool place in June or July, and well watered until up, produce fall flowering plants.

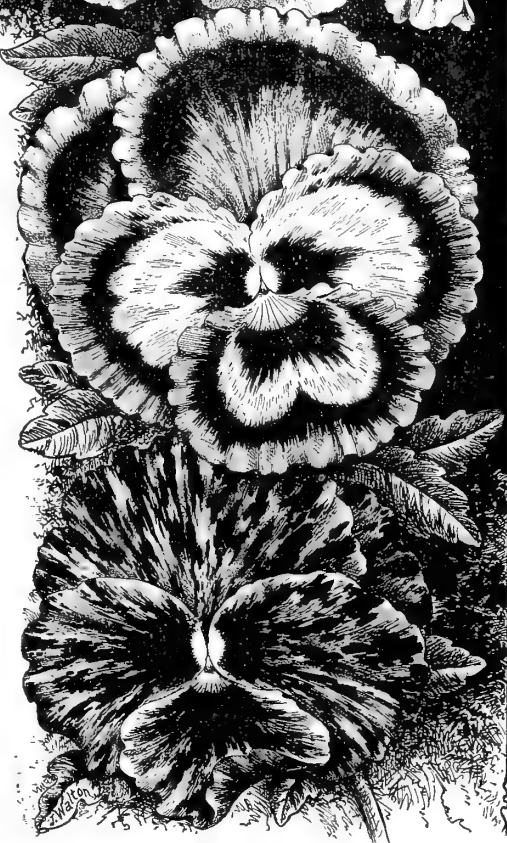
To have good flowers, the plant must be vigorous, and make a rapid growth, as it will in rich, moist loam. Young plants give the largest flowers. Old worn-out plants should be replaced. If the plants come into bloom in the heat of summer the flowers will be small at first, but as the weather becomes cooler they will increase in size and beauty. Often plants that produce flowers two and a half inches in diameter during the cool, showery weather in spring, will give only small specimens during the dry weather of summer.

It will flower better in the middle of summer, if planted where it is somewhat shaded from the hot sun, and especially if furnished with a good supply of water, but in almost any situation will give fine flowers in the spring and autumn.

Pansy, Azure Blue, extra fine	15
Black, with bronzy center, fine	15
Bronze-color, very good	15
Dark Blue, very rich and constant	15
Dark Purple, rich, deep purple; very fine	15
Emperor William, ultramarine blue with violet purple eye	15
Havana Brown, new shades	15
King of the Blacks, almost coal black, coming true from seed	15
Light Blue, lovely shades of sky-blue	15
Lord Beaconsfield, deep purple-violet, shading off to white hue	15
Mahogany-colored, a very fine variety	15
Pure Yellow, with dark center, generally true to color	15
Purplish Violet, distinct and fine	15
Quadricolor, new and distinct; colors very brilliant	15
Red, bright coppery colors, but not strictly red	15
Silver Edged, dark purple, with white border. A charming variety	15
Snowy White, good form and size, generally coming true from seed	15
Striped and Mottled, extra and very showy	15
Violet, with white border	15
White, sometimes slightly marked with purple	15
Yellow Gem, clear yellow, without eye	15
Yellow margined, beautiful color, with margin or belt of yellow	15
Any eight of the above twenty-two	1 00
One package of each of above twenty-two	2 50

Mixed Seed of the above sorts

Extra Choice , very large flowering, mixed colors. The seed of this mixture is grown under our own supervision and is very choice	25
Odier, or large-eyed , dark spots on petals, large eyes; very showy	25
Bugnot . The French strain is very beautiful but shy seeding class, having very large flowers with very broad blotches, and from the large spots extending delicate pencillings to the extreme edge of the petals. The seed is of our own growing, saved from selected plants	25
Cassier's Giant Blotched , very large, rich and showy. Of the popular Odier type, of fine form and good substance. Plants neat and compact	25
Giant Trimardeau , a distinct class. Plants vigorous and compact; the flowers throw well above the foliage, and marked with large blotches. Enormous dimensions—some specimens grown on our grounds measuring over three inches in diameter. Mixed colors	25
One package each of the above four beauties	80
Superb Mixtures of extra strains and from selected plants. (See novelty pages)	50



St. Louis, Mo., Sept. 16, 1893.

James Vick's Sons—Gentlemen:
 "We do think, that we had this year, (from your excellent seed) the finest bed of Pansies anyone has ever seen. They were too lovely to speak of in ordinary language. Look out for us next year."
 J. S. SMITH AND WIFE.



1

3

4

2

1. Shirley. 2. Brilliant. 3. Tulip. 4. Orientale.

POPPIES

© Jones, J. C. Jones, York
Wm. J. Jones & Sons
4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
1915

One packet each of these four Grand Poppies (4 Pkts) for 30¢



DANISH FLAG POPPY.

PEONY-FLOWERED POPPY.

SHIRLEY POPPY.

POPPY.

Rohn.

Good annual varieties of the Poppy are numerous, ranging in size from the little Ranunculus-flowered, an inch in diameter, to the large Pæony-flowered. The plants have strong tap-roots, and are difficult to transplant; it is better to sow the seed early in the spring where the plants are to flower. All the Poppies are perfectly hardy.

Vick's New Brilliant. The most magnificent Poppy in the world.

See Novelty pages and cut on this page 15

Shirley. Perfectly hardy and flowers profusely the first season from seed. Flowers large, exceedingly graceful, and elegant; generally single or semi-double; the colors are pure, soft and varied, and range from bluish-white, rose, delicate pink, and carmine through innumerable tints to bright sparkling crimson 10

Mikado. The flowers, large and loose, resemble the Japanese Chrysanthemum, while the petals are cut and fringed in the most attractive manner. The color is pure white at the back, while the edges are of a brilliant crimson scarlet 10

One package of each on the above three 30

Danish Flag, flowers brilliant scarlet, with a large silvery-white blotch at the base of each petal, forming a white cross on scarlet ground 5

Pæony-flowered, large flowers, very double 5

Ranunculus-flowered, small double 5

Papaver umbrosum, flowers bright vermilion, with a shining black spot on each petal; very showy 5

Scarlet Single, the single Scarlet Corn, or Field Poppy, of Europe; very gorgeous 5

somniferum (Poppy Opium), true, single, per pound 90 cents; per ounce to cents 5

Carnation-flowered (sommiferum fl. pl.), (Double Opium Poppy), splendid large double flowers; mixed colors 5

One package of each of the above seven 30

Mixed varieties 5

Tulip Poppy. For description see Novelty pages; packet 15 cents.



BRILLIANT POPPY, 1/2 SIZE.

ICELAND POPPY.

(*Papaver nudicaule.*)

Nachtstengelige Rohn.

The fragrant, elegant, crushed-satin-like flowers are produced in unceasing succession from June to October. The flowers last fully a week if cut soon as open.

Ice Land Poppy, Pure White 10

Bright Yellow 10

Bright Orange 10

Vivid Scarlet 10

Collection of four Ice Land Poppies, 35 cents.

Finest Mixed 10

ORIENTAL POPPY.

Orientalstücker Rohn.

All the perennial Poppies are perfectly hardy, and seed may be sown in the open ground. The single, large, perennial Poppies are a great addition to the herbaceous border and are of greater value among shrubbery, as they tend to relieve and lighten up the usual dark and sombre character of clumps of shrubbery. Flowers very large, five or six inches across. Perennial.

Papaver bracteatum, scarlet; three feet 5

orientale, very large, red, one of the finest; three feet 5

involucratum maximum, fine large flowers 10



ROCKET.

ROCK.

Nachtviole.

The sweet Rocket is a very hardy biennial, bearing clusters of single flowers, and fragrant during the evening. The colors are purple and white. The plant with fair culture, will grow eighteen inches in height, and seed will germinate readily in the open ground. Perennial.

Rocket, Sweet Purple 5

Sweet White 5

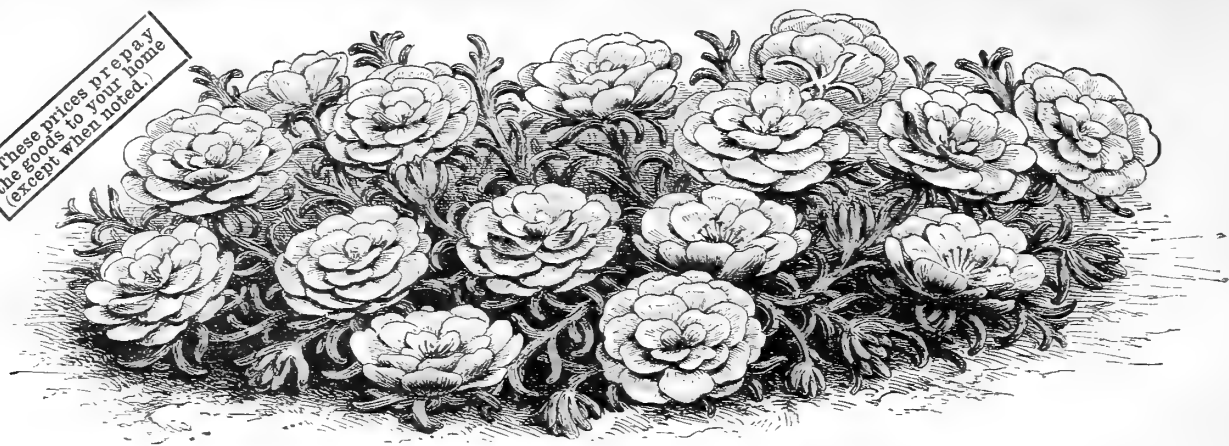
Use the Lawn and Plant Fertilizer.

James Vick's Sons—Gentlemen:

"I dug some of your Lawn and Plant Fertilizer in around my growing Geraniums, Amaryllis, Spotted Callas and other plants, with marvelous results. In less than three weeks I noticed a very decided improvement, which continued all the season. Everybody should use it."

SARAH C. L.,
Morrison, Ill.

These prices prepay
the goods to your home
(except when noted.)



DOUBLE ROSE-FLOWERED PORTULACA. FIRST QUALITY, VARIETY OF COLORS.

PORTULACA

Portulac.

The Portulaca is a popular, hardy, creeping annual, each strong plant covering a space about two feet in diameter. It delights in a warm sun and sandy soil, and the drowth is never too long, nor the heat too intense for this beautiful little salamander. When everything else is perishing for lack of moisture, the Portulaca will give its largest flowers and brightest colors. The Portulaca does best in a light soil. It makes a brilliant bed on the lawn. There is a great variety of colors both among the single and the double sorts. The flowers of the double varieties are like little roses.

Sow seed in the open ground early or under glass. The plants can be transplanted when in full flower, and in making a ribbon bed with Portulaca, we always wait until the first flower opens, so as to be entirely sure of the colors. The perfectly double Portulaca forms no seed, so that seed must be saved from semi-double

flowers, and from fifty to seventy-five per cent. of plants from this seed will usually give double flowers.

Portulaca alba, pure white; **alba striata**, white striped with rose; **caryophylloides**, rose striped with carmine; **New Rose**, fine rose color; **Theilssonii**, fine crimson; **splendens**, rosy purple; **aurea**, straw color; **aurea vera**, deep golden yellow; **aurea striata**, sulphur yellow, striped with gold. Each of the single varieties 5

One package of the above nine 35

Fine Mixed from the above 5

Double Rose-flowered, a perfect double variety as much so as the most perfect Rose, and of many brilliant colors, as well as striped. **First quality, mixed colors** 20

Double Rose-flowered, seven different colors—crimson, yellow, rosy purple, rose, white, rose striped with carmine, orange—each color 20

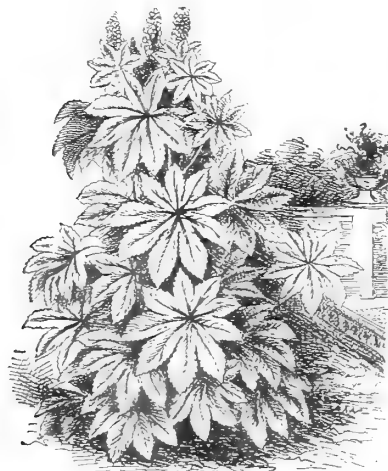
One package of each of these seven colors \$1 25

RICINUS.

Wunderbaum.

The stately and imposing Ricinus has very ornamental foliage and showy fruit. Fine for center of bed, as it gives a magnificent semi-tropical appearance, or planted thick they make a fine screen or hedge. Plant seed in open, very rich deep spaded ground, in a dry situation as soon as safe in the spring. The common Castor Oil Bean is cultivated for the oil and grows about 20 bushels per acre,

Ricinus macrocarpus, whitish, beautiful; 6 feet, 10
purpureus, magnificent; 6 feet 10



RICINUS.

- Borboniensis**, beautiful, large leaves; 10 feet 10
- Blood red**, scarlet fruit, one of the best; 5 feet 10
- Duchess of Edinburg**, dark purple stem and leaves; 10 feet 10
- Africanus hybridus**, fine, stalk and fruit rose, 6 feet 10
- Giganteus**, large, fine and showy; 6 feet 10
- Philippinensis**, very large leaves; 6 to 10 feet 10
- Guyanensis nanus**, dwarf, only 2 to 3 feet high; fruit rose-colored; fine for outside of groups 10
- Communis**, Castor Oil Bean (**PALMA CHRISTI**), per lb., 40 cts.; per oz., 10 cents 5
- One package of each of above ten 75
- Mixed varieties 10

SALVIA.

Salici.

Salvia, called Flowering Sage, grows freely in any light rich soil; from eighteen inches to two feet in height. Plants should get a good start in the hot-bed, and not be planted out before the weather is warm. Thrifty plants may be potted in the fall for winter blooming.

Salvia splendens, true; large scarlet 10
Römeriana, scarlet 10
bicolor, blue and white 10
patens, flowers of a delightful blue 25



SALVIA.

TEN WEEKS STOCK.

Sommer-Levkoje.

The Ten Weeks or Annual Stock presents nearly or quite all the requisites of a very perfect flowering plant—good habit, fine foliage, beautiful flowers of almost every desirable tint. Seeds of the Stock may be sown in the open ground or in a hot-bed or cold-frame; but if transplanted let this be done when the plants are small, just out of the seed leaf, or the plants become slender and do not flower well.

A little shade from the hottest sun, and water in the evening, will add much to the size, beauty and durability of the flowers. Set a foot apart. Make the soil deep and rich. Some of the varieties are desirable for winter flowers, and are used for this purpose by florists. Indeed, any of them will do well in a house that is tolerably cool and moist.



TEN WEEKS STOCK. LARGE-FLOWERED DWARF, MIXED.

If the plants that are not too far advanced are taken up carefully in autumn and potted they will flower finely in winter. It is a good plan to sow seeds late in the season for this purpose. Although not a constant bloomer, like Phlox, Petunia, etc., the flowers endure for a long time, and the side shoots give a succession of flowers under favorable circumstances, for months; indeed, the growth and flowering seem almost perpetual where the plant can obtain a needed supply of moisture.

- Stock, Largest-flowering Dwarf**, dwarf habit, with magnificent large spikes, very large double flowers; all colors mixed. 10
- Largest-flowering Dwarf**, in colors, white, flesh-color, rose, carmine, crimson, blood-red, blue, lilac, violet, purple, brown, brick-red, aurora, chamois, canary yellow, ash, etc., each. 15
- Large-flowering Pyramidal Dwarf**, of pyramidal habit; with long spikes of large flowers, choice colors, mixed. 25
- Celestial Blue**, large-flowering pyramidal, excellent color. 25
- Snow Flake (Forcing)**. This variety of Dwarf Wallflower-leaved Large-flowering Stock is the earliest white, and one of the earliest of all Ten-weeks Stock. Admirably adapted for forcing; the snow-white flowers are uncommonly large and double. Seed produces about 60 per cent. of double flowering plants. 25
- Large-flowering Wallflower-leaved**, smooth, dark, shining leaves; dwarf habit. Set six inches apart. Mixed colors. 15

- Stock, Wallflower-leaved, White**. A beautiful variety, the flowers being the clearest possible white, contrasting grandly with the dark green, glossy foliage. Grown largely for cut flowers. 15
- Wallflower-leaved, Blood Red**. The deepest red of all the Stocks. A very choice variety, prized by florists for cutting. 75
- Early Autumn Flowering**, commences flowering in the autumn. Remove to the house, blooms during the winter; mixed. 25

BROMPTON STOCK.

Winter-Levkoje.

The Brompton Stock is a biennial. Both the plant and its flowers are larger than the annual, and the spikes longer and bolder. In the milder sections of Europe this flower grows so luxuriantly that it would be difficult to find one more showy, some spikes of blossoms we measured being nearly a foot in length. It is a misfortune for us that the Brompton Stock cannot endure our winters, but plants grown in open ground can be removed to the house in autumn, where they will flower well if not kept too hot and dry. In spring they can be transferred to the garden.

- Stock, Brompton**, best mixed colors. 15
- Emperor**, hybrid between Brompton and Annual. 25
- Tree Giant Cape Winter**. 25

SALPIGLOSSIS.

Bromptenjung.



SALPIGLOSSIS.

Salpiglossis is a splendid half-hardy annual, with flowers of a peculiar richness, very delicately and beautifully penciled. About two feet in height. Seed may be sown under glass, but do well in the open ground, if the soil is light. *Salpiglossis grandiflora*, mixed colors, from very choice plants. 10

SENSITIVE PLANT.

Sinn- oder Schamfianze.



SENSITIVE PLANT.

The Sensitive Plant is really a pretty plant, and affords a good deal of amusement, not only to children, but to those of larger growth, on account of its apparently sensitive leaves, which closes up and droop when touched. Seed should be started under glass. Do not transplant to the open ground until the weather is warm. A plant or two reserved for the house will be an object of interest during the winter. Start a young plant in a pot, and plunge pot in the earth to the rim, removing it to the house in autumn. *Mimosa pudica*, a tender, sensitive annual. 5

SCABIOSA (Mourning Bride).

Wittwenblume.

The tall Scabiosas grow two and a half feet in height, the flowers being on very wiry stems. The dwarf sorts are about eighteen inches in height. Sow in the garden or under glass. Plants, if thrifty in the autumn, not weakened by over-flowering, often flower the second season.

Scabiosa, all colors mixed 5
 Double Tall 5
 Double Dwarf, very pretty compact plant 5
stellata, stary seed vessels; excellent for winter bouquets 5

SWEET

WILLIAM.

Bartnelke.



SWEET WILLIAM.

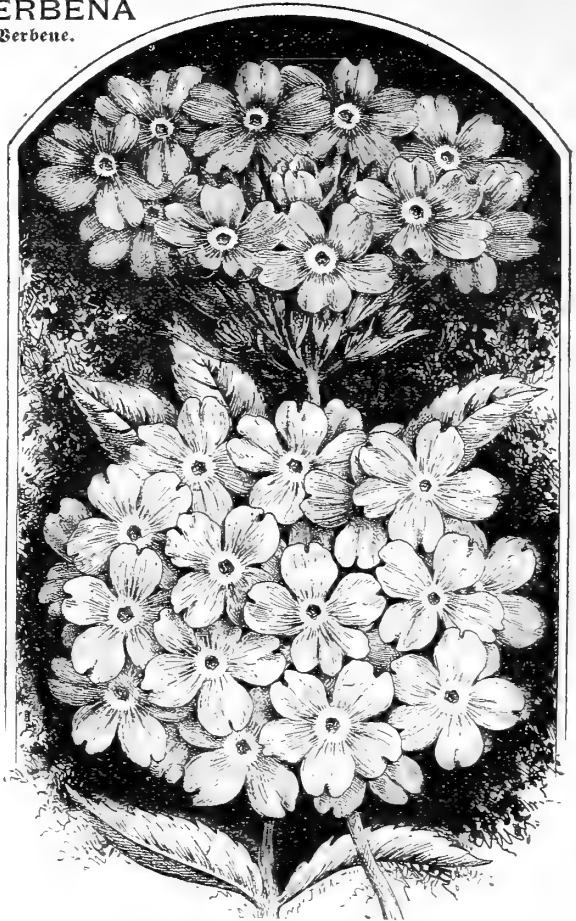
The best varieties of Sweet William are of exceedingly beautiful colors, very large, and almost perfect in form, with trusses of great size. Treatment as for Carnation. The plants

are perfectly hardy, and may be increased by division of the roots. There are very good double varieties. It is well to raise new plants every few years from seed, for old plants become debilitated and unsightly and the flowers decrease in size. The Sweet William is a very old and once popular flower, and is again coming into favor, more and more every year. Perennial.

Sweet William Perfection, mixed 5
 Common Double 5
 Dunetti, blood red, velvety texture 5

VERBENA

Berbene.



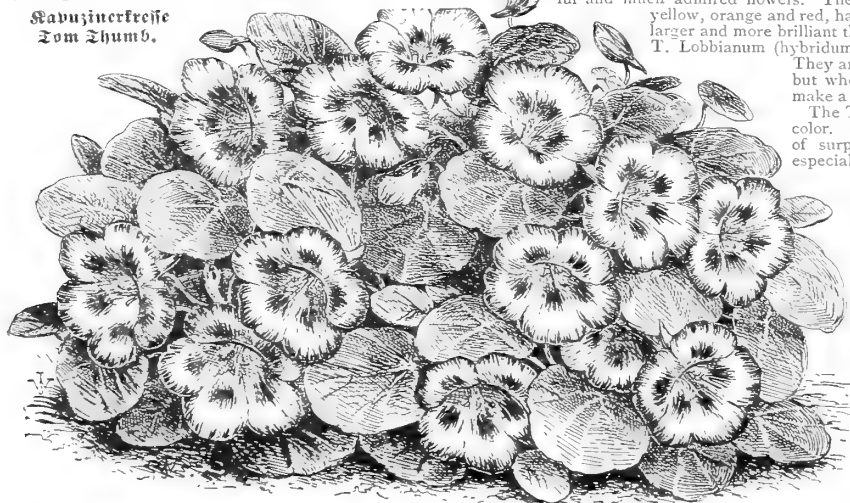
VERBENA HYBRIDA, CHOICEST MIXED.

Very few annuals will make such a gorgeous display during the summer months, or furnish more flowers for cutting, than the Verbena. Sow the seed under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced from seed as readily as almost any tender annual, plants that will perfectly cover a space four feet in diameter, flower well in July and continue strong and healthy until destroyed by frost. Another strange fact, not

(Continued on next page.)

TROPÆOLUM TOM THUMB.

Kapuzinerkresse
 Tom Thumb.



Tropæolums, known as Nasturtiums, are half-hardy annuals, bearing in profusion very beautiful and much admired flowers. The gorgeous flowers, which are of all the different shades of yellow, orange and red, have of late years been much improved, the blossoms being larger and more brilliant than the old-fashioned sorts. The varieties of *T. Majus* and *T. Lobbianum* (hybridum) will be found described under the head of Climbers.

They are very desirable, and much cultivated in the green-house; but when allowed to run on the ground and pegged down, they make a brilliant bed. See page 56.

The Tropæolums are very much used for making dense masses of color. Some beds of the scarlet varieties which we have seen were of surpassing brilliancy. The Tom Thumb varieties are an especially desirable class. The blooms last a long time, and we cannot recall a class of flowers more useful than these. The habit of the plant is perfect, and in the hottest weather they seem to thrive and bloom luxuriantly. *When planted in poor soil they flower profusely, if soil is too rich they run to leaves.* No garden is complete without a few of these favorites. Set plants one foot apart.

Tropæolum, Tom Thumb Beauty, orange and vermilion 5
Carter's Tom Thumb, scarlet 5
Cloth of Gold 10
Crystal Palace Gem, sulphur, spotted with maroon 5
Dark Crimson 5
Pearl, light cream color 5
Rose, new color in Nasturtiums 5
Spotted, yellow, spotted with crimson 5
Yellow 5
Empress of India, splendid dark-leaved crimson flowered 10
King of Tom Thumbs, foliage dark bluish green; flowers brilliant scarlet 10
King Theodore, flowers very dark 10
Lady Bird, golden yellow, flamed with crimson 10
Ruby King, foliage very dark 10
One package of each of the above 14 75

Fine mixtures, from named varieties 10
Mixed varieties 5

generally known, is that nearly all Verbenas raised from seed are fragrant, the light colored varieties particularly so. Leading florists admit that we have the finest collection of Verbenas they have ever seen, either in America or Europe.

Verbena, hybrida , extra fine mixed choice seed, saved only from the most beautiful named flowers	20
Striped , excellent flowers, with broad Carnation-like stripes	20
Scarlet , brightest scarlet, quite true	20
Pure White , quite true from seed	20
<i>One package of each of above four</i>	65

VINCA (Periwinkle).
Zinngrün.



A genus of beautiful greenhouse perennials; may be treated as tender annuals for the garden. It sown under glass, and strong plants are set out early, in a warm situation, they will flower in the summer and autumn, and may be potted for the house before frost. Not suitable for out-door sowing in northern latitudes. Plants about 18 inches high.

Vinca rosea , rose	10
rosea alba , white, red eye	10
rosea nova spec. , pure white	10
Mixed varieties	10

WALLFLOWER.
Gelbveil, Goldblat.

By growing Wallflower plants in the ground and transplanting to pots in the autumn, or better, by placing plants in pots when taken from the seed-bed, and sinking the pots to the rim in earth, good plants will be secured for winter flowering in the house. Give a cool room and plenty of water. Where winters are not very severe the Wallflower must make a most desirable plant, giving plenty of early spring flowers.

Wallflower, fine mixed colors; double perennial 20

SEEDS OF BULBS.

There are a few Bulbs which do not come to perfection very rapidly from seed, and therefore amateurs have seldom patience to wait for this slow process, but obtain plants or bulbs that will flower the first season. A few, however, derive pleasure in watching the development from the tiny seed to the perfect plant. For the benefit of such we always keep a stock of these seeds, a few of which we mention.

Dahlia , choicest double varieties mixed	20
Dahlia , finest single varieties mixed	20
Gladiolus	20
Yucca	20

ZINNIA.
Zinnie.



ZINNIA.

ZINNIA.—The Zinnia is a large, free-growing flower, so easily grown and so handsome that it will always be popular. It is in flower all summer, making the most brilliant display possible. It gives the most for the money of any flower grown.

The Double Zinnias usually grow about two feet in height, giving flowers quite as double as the Dahlia. The Zinnia makes an excellent border or summer hedge plant, and for this purpose set plants twelve to fifteen inches apart, so as to make a continuous row or border. It is symmetrical, showy, and combined with Salvia the effect marvellous. The seeds grow easily, and young plants can be moved as safely as Cabbage plants. Having taken particular pains in improving the Zinnia, we know our strain is excellent; indeed, our Zinnias have been pronounced by florists from England, France, and Germany, the best and most distinctive strains in the world.

Zinnia, Double, Choicest, best colors mixed	10
Six separate colors—scarlet, yellow, orange, purple and salmon, pure white, etc.—each color	10
<i>One package of each of above six</i>	45
Tom Thumb , varies from 4 to 12 inches in height, and from 6 to 14 inches in diameter, forming compact, free-flowering, pigmy bushes, suited for edgings, small beds and groups	15
Double Lilliput . In this new class we have the greatest contrast imaginable to the well known large-flowered strain. The plants are dwarf, the small perfectly-formed flowers are pompon shaped and cover the plants profusely during the summer	15
<i>One package of each of above two</i>	25
<i>One package of all of above eight</i>	85

FLOWER SEEDS BY WEIGHT.

Per oz.		Per oz.		Per oz.
\$0 30	Acroclinium , mixed colors	\$0 20	Dolichos Lablab (Hyacinth Bean)	\$12 00
30	Alyssum , Sweet	30	Eschscholtzia , mixed varieties	1 50
60	Benthani compactum (Tom Thumb Sweet Alyssum), best for edgings	20	Four O'Clock , mixed colors	80
60	Antirrhinum (Snapdragon), mixed	20	Globe Amaranth (Gomphrena), mixed colors	
1 00	Asters , China, mixed colors	15	Job's Tears	1 25
70	Balsam , common double, mixed colors	30	Larkspur , Double Dwarf Rocket, mixed colors	25
20	Candytuft , best White	30	Lupins , mixed varieties	30
30	Purple	30	Marigold (Calendula), mixed varieties	20
40	Dark Crimson	20	Mignonette , Sweet	30
25	Mixed colors	50	Crimson Queen	50
30	Canna , fine mixed	50	Golden Queen	25
2 50	Carnation , Early-flowering Vienna, choice mixed	30	grandiflora ameliorata	30
15	Convolvulus major (Morning Glory), mixed	40	Giant Pyramidal	1 50
15	minor, dwarf, mixed colors	40	Machet	40
40	Cypress Vine , white, scarlet, or mixed	50	New Hybrid Spiral	25
60	Dianthus Chinensis , best double mixed	50	Parson's New White	25
		1 25	Nemophila , mixed varieties	4 00
		4 00	Pansy , fine mixed	
			extra choice mixed	
			Pansy , superb mixture	
			Petunia , choicest mixed	
			Phlox Drummondii , choicest mixed	
			" " grandiflora , choicest mixed	
			Poppy , Carnation-flowered, mixed colors	
			Portulaca , finest mixed single	
			Ricinus sanguineus , mixed varieties	
			Sweet Peas . See page 54.	
			Tropæolum (Nasturtium), Tom Thumb varieties mixed; per lb. \$1.25	
			" Majus , tall varieties mixed; per lb. \$1.00	
			" Lobbianum , mixed varieties	
			Verbena , mixed, from our own choice collection	
			Virginia Stock , mixed colors	
			Double Zinnia , mixed colors	
			Mixed Seeds , for Wild Garden	



THE CLIMBERS are nature's drapery, and nothing produced by art can equal their grace. As the Lilies surpass in beauty all that wealth or power can procure, or man produce, so these tender Climbers surpass all the productions of the decorator's skill. Under the guiding hands of the tasteful amateur and skillful gardeners, unsightly

buildings or stumps bloom with beauty, and in a short time cover fences, arbors and buildings, giving both shade and grace.

ADLUMIA.

Adumic.

Adlumia cirrhosa, or Allegheny Vine, is a pretty biennial climber, with pale green foliage. Sow seed in the spring, in a damp, cool place. Transplant in the autumn, if possible. The panicles of drooping flowers are pink and white.

Adlumia cirrhosa, or Allegheny Vine, and some times called Wood Fringe and Mountain Fringe 10

CENTROSEMA VIRGINIANA.

This plant is the one which was presented in our Guide last year as *Centrosema Grandiflora*. The identity of the plant was not then known to us. It was introduced by a party who claimed that it was of foreign origin. Last spring we had the opportunity to examine more particularly the claims made by the introducer and became satisfied of the strong probability that the plant was *C. Virginiana*, a native of the Southern States. The growth and blooming of the plants this season have fully confirmed this view, and we now offer the seeds under their true name.

The plant is a low climber, usually about two feet in height, but under favorable conditions and rich soil, running up to five feet. The leaves are three foliate, and the flowers are large, purple pea-shaped and very handsome. The seed should be sown under glass or in the house early in spring and the plants hardened off and planted out early. With good care they will come into bloom in July and continue through August. The plant is perennial and with proper care can be kept for years.

Centrosema Virginiana 20

CONVOLVULUS MAJOR.

Große Kletterwinde.

Convolvulus Major, the old Morning Glory, is the best known and most popular annual climber we possess. The seeds germinate so readily that they can be grown in the garden in any corner where the plants are needed, and almost at any time. The growth is rapid and it is important that support should be supplied as soon as the young plants show a disposition to run.

It propagates itself readily from self-sown seeds, giving plenty of young plants the following spring, which may be easily transplanted.

Convolvulus major, in full colors, white, white and violet striped, white striped with blue, light blue, dark blue, carmine, rose shaded with lilac, *each color* 5
Michauxii, FINE STRIPED 5
incarnata, BRIGHT RED 5
atrosanguinea, DARK RED 5
One package of each of the above ten 40
All the above mixed 5

COBÆA.

Cobæe.

One of the *very finest* and most beautiful annual climbers is the *Cobæa scandens*, on account of its large size, rapid growth, fine foliage, and large, bell-shaped flowers, almost an inch and a half across, and two inches in length. It combines elegance of growth, delicacy of foliage, and exquisite change of coloring. Flowers are at first green, changing to a deep violet-blue.

In good soil these often grow twenty or thirty feet long, branching freely, covering a large surface. Plants commence to flower when quite young, and continue in bloom until removed or killed by the frost. Put the seed in moist earth, *edge down*, and do not water until the young plants appears, unless the earth is very dry. Plants can be removed to the house for winter blooming. *Cobæas* set in a row, two feet apart, supported by brush six feet high, make an elegant screen, or they will run over wire screen or other vines.

Cobæa scandens 10

CYPRESS VINE (Quamoclit).

This delicate and symmetrical little climber flowers freely, and when the plants are set in rich soil, where they are to grow, they will reach a height of 20 feet. Soak the seeds hot water before sowing.

Cypress Vine, flowers elegant; foliage beautiful; mixed 5
Scarlet and White, each color 5

THE GOURD FAMILY.

Familie der Zierkürbisse.

The following plants are prized principally for their rapid growth and their odd-shaped and often highly colored fruits.

Gourd, Dish-rag, or Sponge Gourd, when ripe, the inside resembles fibrous cloth and is used for bathing, scouring, etc.	5
Balsam Apple, orange and red	5
Balsam Pear	5
Serpent Gourd	5
Abobra Viridiflora, a beautiful climber with delicate foliage, and oval, scarlet fruit	5
Bryonopsis laciniata, foliage elegant; fruit scarlet, striped with white	5
Cucumis odoratissimus, fruit orange yellow, sometimes spotted with red; very fragrant	5
Coccinea Indica, handsome, glossy foliage, scarlet fruit	5
One package of the above eight	30
The following are some of the most valuable of the common family:	
Gourd, Hercules' Club, large, long, club-shaped	5
Smallest Lemon, yellow	5
Pear-formed, yellow and green, cream striped	5
Gooseberry, small, bright green	5
Striped Apple, small yellow, beautifully striped	5
Egg-formed, the true Nest Egg Gourd	5
Orange, the well-known Mock Orange	5
Calabash, the old fashioned Dipper Gourd	5
Sugar Trough, or Sap-Bucket	5
One package of the above nine	35
Mixed	10

HUMULUS JAPONICUS.

Japanesischer Hopfen.

This new Japanese variety of Hop is a splendid annual climber, rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is more dense. Seed sown in the open ground in spring will produce plants of a very large size in a short time. Withstands heat, drought and insects, and remains fresh until late in the fall.

Japanese Hop, Humulus Japonicus	10
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IPOMŒA.

Trichterwinde.



Ipomœas succeed best if started in the hot-bed. Desirable for pots, baskets, etc., for the house, also for greenhouse decoration. Cut the seed on sharp end, as shown in the engraving; soak one night in lukewarm water, and plant the next day.

Ipomœa Bona Nox (Good Night, or Evening Glory, Moon Flower). Flowers large, white	10
coccinea, called Star Ipomœa, small scarlet flowers	5
grandiflora superba, fine, large flowers, sky-blue, broad white border	5
limbata elegantissima, large, blue, showy white margin	5

MAURANDYA.

Maurandje.

Maurandya plants should be grown in the hot-bed or greenhouse. Growth of plant, five or six feet, and the foliage abundant. The flowers of the Maurandya are of good size and form and color, being about the size and appearance of Digitalis, and the colors different shades of blue, white and mauve. Good for baskets, vases, or for verandas.

Maurandya Barclayana, blue	10
purpurea grandiflora, purple	10
White	10
Finest Mixed	5

PEAS, Perennial.

Perennirende Bide.

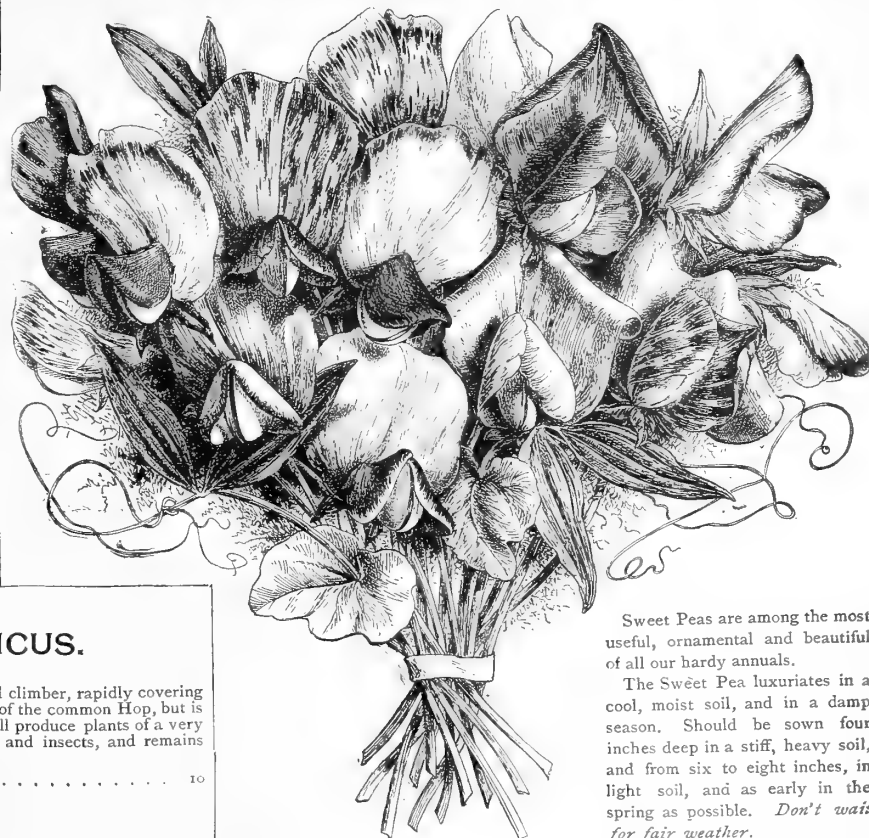
Perennial Peas perfectly hardy in this climate, die down to the ground every winter and start again in the spring. Grow five or more feet in height.

Perennial Peas, all varieties mixed	10
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These prices prepay the goods to your home (except when noted.)

SWEET PEAS.

Blumenwidien.



Sweet Peas are among the most useful, ornamental and beautiful of all our hardy annuals.

The Sweet Pea luxuriates in a cool, moist soil, and in a damp season. Should be sown four inches deep in a stiff, heavy soil, and from six to eight inches, in light soil, and as early in the spring as possible. Don't wait for fair weather.

Nothing can be better for large bouquets, as the flowers are lively and delicate, varying in color from the darkest purple imaginable, and including the brightest pinks; as fragrant as Mignonette.

Use plenty of seed, so that they will not be more than an inch apart. Hoe the soil toward the plant a little, but do not form a ridge, and furnish support early. The Flowering Sweet Peas are the sweetest of our climbing annuals.

Sweet Pea, Adonis, new; carmine-rose, choice, brilliant; per lb., \$1.50; per oz., 15 cents	5
Black, very dark, brownish purple; per lb., \$1.25; per oz., 10 cents	5
Black, with Light Blue, brownish purple and light blue; a royal flower; per lb., \$1.25; per oz., 10 cents	5
Blue Edged, white and pink, edged with blue, delicate and lovely; per lb., \$1.25; per oz., 10 cents	5
Butterfly, white, lavender, laced, per lb., \$1.25; per oz., 10 cents	5
Crown Princess of Prussia, bright blush; per lb., \$1.50; per oz., 20 cts	10
Invincible Striped, per lb., \$1.25; per oz., 10 cents	5
Painted Lady, rose and white; per lb., \$1.25; per oz., 10 cents	5
Princess Beatrice, rose; large; per lb., \$3.50; per oz., 30 cents	10
Purple Striped, per lb., \$1.25; per oz., 10 cents	5
Scarlet, per lb., \$1.50; 15 cents	5
Scarlet Invincible, deep scarlet; per lb., \$1.35; per oz., 10 cents	5
Scarlet, Striped with White, per lb., \$1.25; per oz., 10 cents	5
White per oz., 20 cents	5
One package of each of above 14	65
All colors mixed, per lb., \$1.00; per oz., 10 cents	5
For New Varieties, SEE COLORED PAGES. The two below are not Climbers, but Creepers, and nice for baskets, not fragrant.	
Peas, Scarlet winged, beautiful, small flowers	5
Yellow Winged, same habit as Scarlet Winged	5

One gentleman reports that our Sweet Peas "were the very best of many trials made last summer." Our seed is first-class.



PEAS, PERENNIAL. FLOWERS 1/2 NATURAL SIZE.

TROPÆOLUM MAJUS.

Napuzincresse.



The *Tropæolum majus*, or *Nasturtium*, are among our very cleanest, showiest, prettiest and best Climbers. They require but little care, for seed sown in the spring of the year in any fair garden soil, will produce plants ten or twelve feet in height before autumn. They do not do as well in a rich soil, for it is apt to be productive of leaves rather than flowers.

They bear hot and dry weather very well, and we believe are not troubled by any insect, for the stems and leaves contain a pungent juice they do not like. The young shoots and blossoms are sometimes used as a salad, and the seed pods are considered a very good substitute for Cress.

There are several varieties, differing as well in the color of the foliage as in the flowers. The leaves of some are very light transparent green, while in others they are very dark, almost purplish. The flowers are of almost all shades of yellow, scarlet, striped and spotted. The climbing *Tropæolum* is an excellent plant for baskets, vases, etc., and can even be used for bedding by pegging down the branches occasionally. Grown two or three in a large pot, with bush or lattice work support, they make a very showy ornament which can be moved at pleasure.

Tropæolum, crimson	5
Scarlet	5
Dark orange	5
Edward Otto, bronze, silky and glittering	5
Orange, very handsome	5
Schulzii, brilliant scarlet	5
Scheuerianum, straw color, striped with brown	5
Scheuerianum, scarlet striped	5
Yellow	5
One package of each of above nine	35
Mixed Varieties , the green seed-pods used for pickles; per oz., 15c	5
Canary Flower	15

Tropæolum Lobbianum is a pretty, but somewhat delicate class, free bloomers. Desirable for house culture in pots or baskets.

Lobbianum , mixed varieties	10
Caroline Smith, scarlet	15
Giant of Battles, sulphur, spotted with red	15
King of the Blacks, dark brown	15
Lilli Smith, orange scarlet	15
Napoleon III., golden yellow, spotted with brown	15
Queen Victoria, scarlet	15
One package of each of the above seven	80

THUNBERGIA.

Thunbergie.

Thunbergia starts rather slowly at first. Seed requires hot-bed treatment, but plants are grown easily from cuttings. Flowers white or orange; fine for baskets. All the varieties, except unicolor, have a dark, purplish eye, almost black. For house culture, baskets and vases, there are few plants superior to the *Thunbergia*. They may be used very effectively in beds, pegged down.

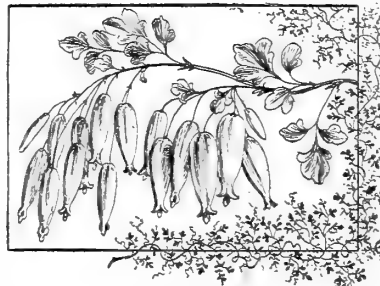


THUNBERGIA.

Thunbergia, Bakeri , pure white; very fine	10
alata, yellow or buff, with dark eye	10
alata unicolor, yellow aurantiaca, bright orange with dark eye	10

Thunbergia aurantiaca unicolor , bright orange	10
One package of each of the above five	40
Above mixed	10

ADLUMIA.



ADLUMIA CIRRHOSA.—See page 24.

OTHER CHOICE CLIMBERS.

(For full particulars see Novelty Pages.)

- Brazilian Morning Glory.**—Rose colored flowers 3 to 4 inches across, leaves 8 to 12 inches. A gorgeous and tropical flower. Price per packet of seeds, 15 cts.
- Japanese Variegated Hop.**—A strong grower with handsome lobed leaves beautifully variegated with white. At a little distance the plant looks as though covered with white flowers. Introduced by us last year. Price per packet of seeds, 20 cts.
- Clematis Paniculata.**—The grand new hardy climber. One of the most showy, fragrant and satisfactory climbers we have ever sold. Price, plants only 50 cts. each; two for 80 cts.
- Solanum Jasminoides Grandiflorum.**—This new and beautiful trailer or climber grows from 3 to 5 feet in height. Pure white flowers in clusters. Price, plants only 25 cts.; three for 50 cts.

SEEDS OF HARDY CLIMBERS.

These plants are mostly obtained by purchasing roots, and this is the better way when they can be procured. Some, however, cannot get plants and must be content with seeds. Sow very early in spring or autumn, in drills, in well prepared beds. Keep the soil mellow.

Ampelopsis quinquefolia , Virginia Creeper	10
Ampelopsis Veitchii , good wall plant, clinging to the smoothest surface; absolutely the finest of the clinging climbers	10
Bignonia radicans , Trumpet-Vine	10
Celastrus scandens , Climbing Bitter-Sweet	10
Clematis flammula , European Sweet, white	15
Clematis Vitalba , Virgin's Bower, white	10

Plants of Hardy Climbers.—See Department Hardy Plants and Climbers, page 59.

GREENHOUSE.

Abutilon, finest varieties mixed	25	Geranium, Apple-scented	25
Begonia, Tuberous, choicest	25	Choicest fancy varieties, mixed sorts, packet of five seeds	50
Boston Smilax, climber, furnishing yards of glossy trimming	15	Gloxinia hybrida, best quality; from choice show flowers	50
Calceolaria hybrida tigrina, spotted; fine imported seeds	50	Heliotrope, best mixed	10
hybrida grandiflora, very large, superb flowers	50	Hibiscus immutabilis, rosy flowers; three feet	10
James' International prize, from choicest varieties	50	coccineus, scarlet, three feet	15
Carnation, Remontant, or Tree Carnation, Italian	50	Humea elegans, fine ornamental biennials, four feet high	10
Grenadin, scarlet	25	Impatiens Sultani, rosy-carmines; constant bloomer	25
Grenadin, dark varieties mixed	50	Lantana, finest mixed	25
Centaurea gymnocarpa (Dusty Miller), fine for borders	25	Linaria Cymbalaria (Kenilworth Ivy)	10
candidissimi, an effective white-leaved bedding plant	25	Nerium Oleander, common Oleander	10
Clementei, crested	25	Oxalis floribunda, fine for baskets or for pots; white and pink, mixed	10
Chrysanthemum Indicum, finest double	10	Passiflora coerulea, the hardest Passion flower	15
Pompon, or Dwarf, splendid	10	Primula Sinensis (Chinese Primrose) fimbriata rubra, red; extra	50
Cineraria hybrida, finest large-flowering prize varieties mixed	25	fimbriata alba, white; extra	50
maritima, white-foliaged plant, similar to the Centaureas	10	fimbriata striata, white, striped with red	50
Clianthus Dampieri, shrubby climber, fine scarlet flowers	25	Fern-leaved, very pretty Fern-like foliage	50
Coleus, mixed seeds from choicest sorts	25	Choicest varieties mixed	50
Cuphea platycentra, Cigar or Fire Cracker Plant	25	flore pleno, a large percentage of the flowers perfectly double	1 00
Cyclamen Persicum giganteum, choice strain large flowers; rich colors	50	flore albo pleno, double white; package of 20 seeds	50
Fuchsia, choice mixed	50	Solanum ciliatum, very fine; red fruited	10
Geranium, common mixed	25	Tropæolum pentaphyllum	25

EVERLASTINGS.

ACROCLINIUM. One of the most beautiful Everlastings. Gather the first day they open to secure a bright center when dried.

Acroclinium roseum, bright rose color	5
roseum album, pure white	5
Both colors mixed	5
roseum fl. pl., flowers perfectly double	10
album fl. pl., new double white variety	10

Ammobium alatum grandiflorum. One of the hardest everlastings.

Very useful for making up in bouquets; white 5

GOMPHRENA. Start seed in a hot-bed, if possible. Set the plants about a foot apart. If the cottony coating which surrounds it is removed, the seed will be more certain to grow.

Gomphrena globosa alba, pure white	5
globosa rubra, dark purplish crimson	5
globosa striata, pink and white striped	5
globosa carnea, flesh-colored	5
aurea superba, orange; large and fine	5
Above mixed	5

HELIPTERUM grows about a foot in height, branching, bears very many clusters of flowers. Should be taken when the buds are about opening, tied in bunches and hung up in a shady place, and the flowers will open in the drying process, and retain their color and brightness for many years.

Helipterum Sanfordi, choice, flowers small, rich yellow	10
corymbiflorum, white flowers	10

HELICHRYSUM. Flowers are large and full, and of a good variety of colors. Two feet Cut just before the flowers fully expand. Plant about a foot apart. Seeds germinate readily, even in the open ground.

Helichrysum monstrosum, double-mixed colors	5
monstrosum, Double Rose, fine color	5

Helichrysum monstrosum, Double

Red, very bright	5
monstrosum, Double White	5
monstrosum, Double Yellow	5
bracteatum, bright yellow; eighteen inches	5
minimum, dwarf; various colors	5
nanum atrosanguineum, crimson; one foot	5

RHODANTHE. Care is necessary in starting seeds; after good plants are grown we never fail to obtain abundance of flowers.

Rhodanthe Manglesii, fine for house culture	10
maculata, more hardy than R. Manglesii; rosy purple	10
maculata alba, pure white, yellow disc	10
astrosanguinea, flowers dark purple and violet	25

WAITZIAS. Annual. The seeds are very fine and should be sown under glass; will do well in a light soil.

Waitzia aurea, fine yellow	15
grandiflora, flowers large, golden yellow	15

XERANTHEMUM. Free blooming annual, one foot. Seeds germinate freely; transplant well when young. Set ten inches apart.

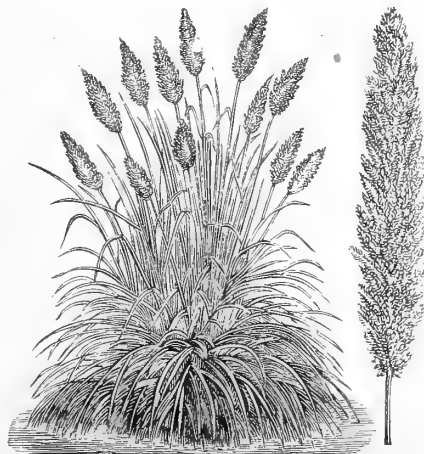
Xeranthemum Large Purple-flowered, the largest-flowered, very double and fine	10
plenissimum roseum, fine rose-colored, very double; new	10
superbissimum flore-pleno, purple; very fine	10
superbissimum flore albo pleno, white, pompon-flowered	10
Double White, very fine	10
Mixed colors	10



At these prices the goods are delivered (except when noted.)

Ornamental Grasses.

Agrostis nebulosa, the most elegant of Ornamental Grasses	10
Arundo donax variegatis aureus, perennial; strong stem, with golden-yellow striped leaves; six feet high	10
Avena sterilis (Animated Oat), thirty inches high	5
Briza maxima, perfectly hardy; one foot	5
Briza geniculata, small, flowers freely; eight inches	5
Brizopyrum siculum, dwarf, very pretty; 8 inches	5
Bromus Brizæformis, a very fine grass with elegant hanging ears; flowers second summer; one foot	5
Chrysurus cynosuroides (Lamarckia aurea), feathery spikes	5



ERIANTHUS RAVENNÆ.

We pay the postage or express charges (except when noted.)

Coix lachryma (Job's Tears), two feet; Corn like leaves	5
Erianthus Ravennæ, as fine as Pampas Grass, superior for a northern climate, hardy. Plants, 25 cents each; seeds	10
Gynerium argenteum (Pampas Grass), a noble Grass, flowers second season; not hardy here	10
Hordeum jubatum (Squirrel-Tail Grass), fine	5
Lagurus ovatus, dwarf; called Hare's Tail Grass; one foot	5
Pennisetum longistylum, a very graceful grass, growing eighteen inches	5
Stipa pennata (Feather Grass), magnificent grass, flowering the second season	15
Tricholæna rosea, a very beautiful, rose-tinted grass; two feet	5

FLOWER SEEDS, Continued.

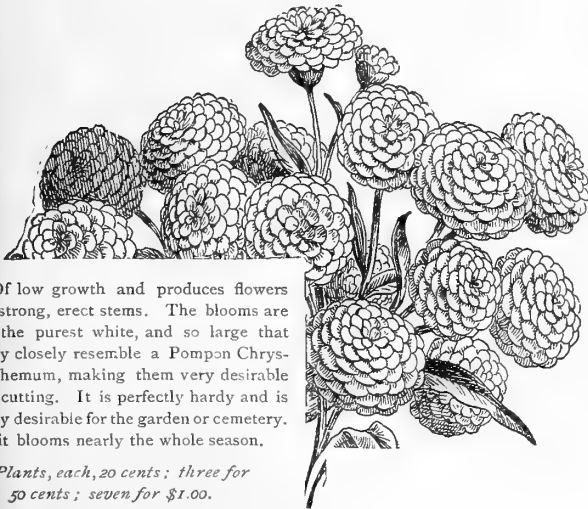
- ARGEMONE.** Hardy annuals, make very good low hedges.
grandiflora, white and yellow 5
Mexicana, flowers bright yellow 5
Hunnemannii, carmine and yellow 5
- ADONIS VERNALIS.** Perennial. About a foot in height. Flowers yellow 5
- ALONSOA.** Tender or half-hardy annual. Sow seed under glass.
grandiflora, scarlet, 2 feet 5
linifolia, pyramidal, scarlet; 18 inches 10
Warszewiczii, flowers small, bright scarlet; 18 inches high 5
Mixed varieties 5
- AGROSTEMMA.** Annual, twelve inches in height, free bloomer. Sow seed in the bed where the plants are to bloom.
New Scarlet, bright 5
Cæli Rosa, deep rose color 5
elegans picta, dark crimson and white 5
cardinalis, bright red 5
Mixed varieties 5
- ANAGALLIS.** Desirable for small beds, edgings, baskets, etc. 6 inches in height, cover the ground with a profusion of flowers.
grandiflora superba, mixed colors 5
- ASPERULA AZUREA SETOSA.** Hardy annual, dwarf, bearing clusters of light blue or lavender, sweet scented flowers 5
- ASPERULA ODORATA.** Perennial, commonly known as Woodruff. Less than a foot high; flowers white and fragrant 15
- BARTONIA.** Half-hardy annual. Sow seed where the plant is to flower.
aurea, 18 inches in height 5
aurea nana, a dwarf variety of the above 10
- BROWALLIA.** Half-hardy annual, about eighteen inches in height, set a foot apart
Cerviakowski, blue with white center 5
elata alba, white 5
elata grandiflora, blue 5
Mixed varieties 5
- CALANDRINIA.** Annual. Do best in a light, sandy soil, but better if sown under glass.
grandiflora, flowers rose 5
umbellata, rosy purple; perennial, but flowering the first season 10
- CARDIOSPERMUM HALICACABUM,** or Balloon Vine, half-hardy climbing annual. Sow seed under glass 5
- CALAMPELIS SCABRA (ECCREMO-CARPUS SCABER),** climber, orange flower; blooms profusely latter part of season. Sow in the hot bed 5
- CREPIS.** Yellow, pink and white; hardy annuals. Mixed colors 5
- CALLIRHOE.** Annual. Thin out plants to a foot apart.
pedata, crimson with white edge; 2 feet 10
pedata nana, crimson and white eye; 1 foot 10
involuta, purplish crimson flowers 10
- CRUCIANELLA STYLOSA.** Perennial, clusters of pink, fragrant flowers 5
- CLEOME SPECIOSISSIMA.** Annual, sometimes called Spider Flower. Rosy 5
- CHAMÆPEUCE.** Singular Thistle-like plant, with variegated leaves, perennial.
diacantha, hardy; yellow flower 10
Cassabonæ, Fish-bone Thistle 10
- CHENOSTOMA FASTIGIATA.** Annual, dwarf, compact plant, white 5
- CATCHFLY, SILENE AMERIA (LOBEL'S CATCHFLY).** Small flowers, white, red or rose. Mixed colors 5
- CACALIA.** Half-hardy annuals, with tassel-like bloom, called Flora's Paint Brush. Sow under glass; will do well in a warm bed in the garden.
coccinea, scarlet 5
coccinea flore-luteo, yellow 5
- CLARKIA.** Seed sown in the autumn give early summer flowers. For early spring flowers or for cool, shady places, we can cheerfully recommend the Clarkias.
Double, best varieties, mixed colors 5
Single, best varieties, choicest colors 5
- CAMPANULA.** Seed may be sown in the open ground or under glass.
CAMPANULA, macrostyla, large violet flowers; 18 in. in height; set plants 1 foot apart 10
Lorei, blue and white mixed 5
speculum (Venus' Looking Glass) 5
- CEDRONELLA CANA.** With fragrant leaves, and long spikes of purplish flowers; 2 feet in height 5
- DATURA.** Large, strong-growing plants, trumpet-shaped flowers, white, sometimes tinted with blue. Roots can be preserved in the cellar, like Dahlias. Three feet in height; set three feet apart.
Wrightii, is one of the best, white 5
humilis flava flore-pleno, yellow double flowers 5
atroviolacea plenissima, flowers dark shades of violet, very double 10
fastuosa alba plena, fine double white 5
fastuosa Hufferiana, flowers large and double, inside white, outside colored 5
Mixed varieties 5
- DIDISCUS CÆRULEUS.** Half-hardy annual, sky-blue flowers. Sow under glass 10
- DOLICHOS.** Plant Dolichos seed in the garden where the plants are desired, and in as warm and dry a spot as possible. From six to twenty feet in height.
Lablab (Hyacinth Bean), a fine climber, with purple and lilac flowers 5
albus, white flowered 5
spec. giganteus, large, free-grower 10
- EUTOCA.** Coarse-growing annual. Does best in warm, sandy soil.
viscida, dark blue 5
Wrangeliana, lilac; 9 inches 5
multiflora, flowers freely 5
- ERYSIMUM.** Annual eighteen inches high.
Persowskianum, deep orange flowers 5
Arkansanum sulphur yellow 5
- FENZLIA DIANTHIFLORA.** Flowers rosy tinted with dark purple throat. Good for pot and basket culture or edgings 15
- GLAUCIUM CORNICULATUM.** (Horned Poppies.) Leaves silvery white, something like "Dusty Miller." Hardy 10
- GRAMMANTHES GENTIANOIDES.** Annual, adapted to rockery or baskets 10
- GEUM ATROSANGUINEUM FL. PL.** Showy for borders among shrubbery 10
- HEDYSARUM.** Sow in the open ground.
coronarum, perennial, scarlet 5
coronarum flore albo, white 5
- HONESTY, PURPLE.** *Lunaria biennis* is a plant that is known as Honesty 10
- HUNNEMANNIA FUMARIÆFOLIA.** Herbaceous perennial, not hardy at the North. Flowers bright yellow 10
- IPOMOPSIS.** Long, elegant spikes of rich orange and scarlet flowers, excellent for conservatory and out-door decoration 5
- KAULFUSSIA.** Hardy annuals, with the appearance of single Asters. Six inches; blue, rose and violet; mixed colors 5
- LOASA.** Climber. Blooms abundantly.
tricolor, yellowish, light green leaves 5
lateritia, large, flowers in abundance 10
- LINUM GRANDIFLORUM RUBRUM.** Half-hardy annual, bright crimson 5
- LUPINUS.** Called Sun Dials. Hardy, seed must be sown in the open ground, having a tap root and not transplanting well. Prevailing color blue, though there are white and yellow varieties; mixed 5
- LYCHNIS.** To obtain good flowers the first summer, start under glass and transplant as early as possible.
Chalcedonica, bright scarlet; perennial 5
Chalcedonica, fl.-albo, white; perennial; two feet 5
Haageana, vermilion-colored; one foot 10
Haageana hybrida, large flowers, white, rose, red, etc., one foot 10
fulgens, very brilliant; eighteen inches 10
grandiflora gigantea, mixed 10
- LEPTOSIPHON.** Hardy annuals, less than six inches in height. Sow seed late in autumn, or early in the spring, so as to have flowers before the hot weather 5
- LINARIA.** Hardy annual, resembling the Snapdragon; mixed varieties 5
- LINUM.** Common Flax. Seed may be sown either under glass or in the garden.
Perenne, blue 5
perenne album, white 5
perenne roseum, rose-colored 5
luteum, yellow 10
Narbonense, splendid 10
Mixed varieties 5
- MALOPE.** Strong-growing, two feet.
grandiflora, large, purple flower 5
grandiflora alba, pure white 5
- MARTYNIA.** Hardy annuals. Plant three feet apart. Colors are yellow, white and purple; mixed varieties 10
- NYCTERINIA.** Small, half-hardy annuals.
selaginoides, pink, very yellow center 5
Capensis, white, very sweet scented 5
- NEMESIA FLORIBUNDA.** Half-hardy annual, compact. White and yellow 5
- NIEREMBERGIA.** Tender perennials, suitable for house culture, or as tender annuals. For baskets, vases, etc., we cannot recommend them too highly. Fine for pots, or the border.
gracilis, whitish flowers, tinted with lilac, with a deep purplish lilac blotch in the center 10
frutescens, taller and of more erect habit 10
- OXYURA CHRYSANTHEMOIDES.** Hardy annual, about 18 inches in height; flower daisy-like. Lemon yellow, white edging 5
- PENTSTEMON.** Perennial border plant; purple, blue, scarlet, rose and white. Seeds may be sown in May, in a good, shady place, or under glass. Mixed 10
- PERILLA NANKINENSIS.** Fine dark ornamental-leaved annual. It has a broad, serrated leaf, of a purplish mulberry color. 18 inches or more in height 5
- PALAFOXIA HOOKERIANA.** Annual; rosy crimson, with a dark center 5
- PHACELIA.** Annual. Good for bee food. Most varieties are blue, though some are white.
congesta, light blue; per oz. 20 cents 5
tanacetifolia alba, white; per oz. 20 cents 5
- SEDUM CÆRULEUM** is one of the Stonecrops. Annual, good for rock-work and masses; blue 10
- SPRAGUEA UMBELLATA.** Blossoms are pink, and nearly everlasting. Sow seed under glass or in a sheltered place 15
- SAPONARIA CALABRICA.** Desirable for small pots or edging. Rich, deep pink 5
alba, white 5
- STATICE.** When dried, these flowers work up with Everlastings to advantage.
Bonduelli, annual; golden yellow flowers 5
incana hybrida nana, perennial; mixed 5
sinuata, annual; blue flowers 5
Suworowi, rose colored flowers 15
- SCHIZANTHUS** may be treated as half-hardy annuals, and do well in the house or open ground. Best varieties mixed 5
- SANVITALIA PROCUMBENS flore pleno.** Fine for pots, baskets, small beds or edgings 10
- TORENIA.** Beautiful trailing plants for vases, baskets, etc.
Fournieri, an elegant plant for moist shady situations; velvety blue flowers; 6 inches 15
Bailloni, deep yellow and maroon 15
- WHITLAVIA.** The Whitlavia is a pretty annual, with delicate foliage and drooping clusters of blue and white bells. Plants are perfectly hardy. For a shady spot there are few flowers that give more pleasure.
grandiflora, hardy annual, ten inches high, violet blue, bell-shaped flowers 5
grandiflora alba, similar to above, but white 5
gloxinoides, same habit as *W. grandiflora*, tube of the corolla pure white, limb delicate light blue 5
Mixed varieties 5
- VIRGINIAN STOCK.** Hardy annual; fine for small bed or edgings. Red, white and rose; each color 5
Mixed colors 5
- VALERIANA.** Fine for borders. Scarlet, white, red, or mixed, each 5



THIS department is devoted entirely to Bulbs and Plants, that will bear a Northern winter without injury, like the Lilies, Pæonies, Hardy Shrubs, etc. *All Plants and Bulbs will be delivered at your Post Office at prices given (except as noted) unless specially ordered otherwise,* or when in our judgment the Expressage would be too costly. As it is much more difficult to pack a single plant, so that it will carry safely, than a larger number, we trust our customers will order accordingly. For economy and safety in packing it is best to order at least a dollar's worth of plants. When SEEDS and BULBS or TENDER PLANTS are ordered together, if not safe to send all, on account of cold weather, the SEEDS will be sent at once, and the BULBS and PLANTS as soon as safe.

Should the weather be unfavorable, or the ground not prepared on their arrival, Hardy Plants, Roots, etc., had better be placed in the cellar, the Lily and Pæony being covered with about two inches of moist (not wet) soil, while shrubs and grasses, like the Hydrangea, Deutzia, Eulalia, etc., require only their roots covered, with the soil made firm around them.

ACHILLEA "THE PEARL."



Of low growth and produces flowers on strong, erect stems. The blooms are of the purest white, and so large that they closely resemble a Pompon Chrysanthemum, making them very desirable for cutting. It is perfectly hardy and is very desirable for the garden or cemetery, as it blooms nearly the whole season.

Plants, each, 20 cents; three for 50 cents; seven for \$1.00.

ANEMONE.

Windröschen.



ANEMONE JAPONICA.

One of the best hardy, autumn-flowering plants we have. It is plain looking during the summer, with dark green foliage; but in the latter part of summer flower-stems appear, growing eighteen inches high, bearing from a score to a hundred flowers, continuing to improve until destroyed by frost. The flowers are about two inches in diameter. An excellent plant for cemeteries.

Anemone Japonica aiba,
 pure white 20
 rubra, deep rose color 20
 The above two sorts for 30c.
 coronaria, low growth,
 flowers early. Roots
 double or single, doz 25
 See Novelty Pages for
 new Double Anemone
 "Whirlwind."

AMPELOPSIS.

Ampelopsis.

Ampelopsis Veitchii. This hardy variety clings very firmly to the side of a house or wall, and will soon form a most perfect mass of foliage. It may be allowed to climb all over the surface, or it can be confined to the foundation wall only, the leaves overlapping each other with wonderful regularity. It is a most beautiful climber, and has become a great favorite. In autumn this unique plant assumes



its greatest beauty, the foliage that in the summer was a bright glossy green, changes until the whole plant is a glowing mass of the brightest shades of crimson, scarlet and orange. Also known as the Japan and Boston Ivy
 quinquefolia, or Virginia Creeper, sometimes called American Ivy and Woodbine; a rapid grower, leaves turning to a crimson in autumn. This is hardy and perennial 20

BIGNONIA.

Trumpetcrebbe.



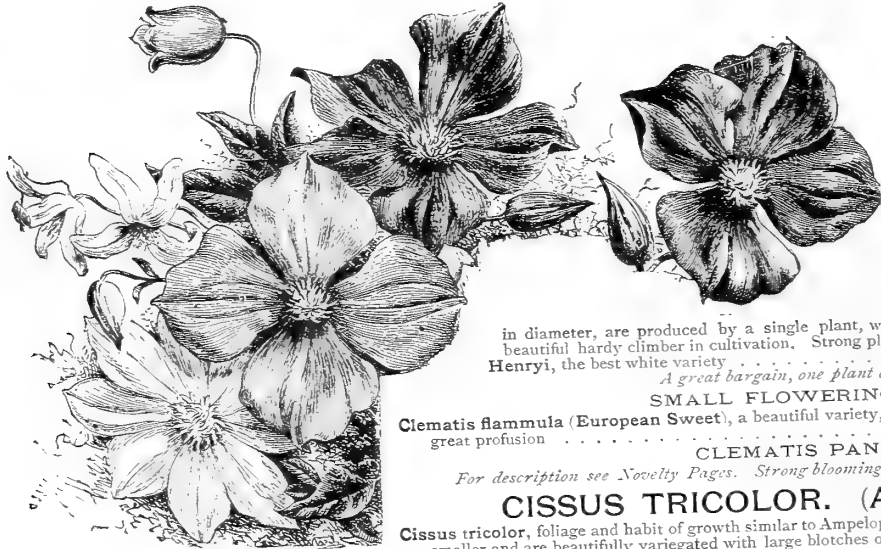
BIGNONIA.

A splendid hardy climbing plant, producing large trumpet-shaped, or orange-scarlet flowers about three inches long. They are produced in clusters, and are quite as handsome in the bud as when fully expanded. The foliage is also very beautiful, having a bright, glossy appearance that always attracts attention. This plant is not only an admirable climber, but on the lawn, makes a pretty bush if the tops are cut back, having the appearance of a strong, drooping shrub.

Bignonia radicans,
 or Trumpet
 creeper 20

CLEMATIS.

Clematis.



No flower has more rapidly advanced in popular favor than the Clematis. Within a few years it has become the favorite climber of the world. It makes quick, rapid growth, and produces its beautiful showy flowers in the greatest profusion. For pillars, trellises, bedding in masses, or planting about rockwork, the Clematis cannot be excelled. The large-flowering varieties are particularly desirable for these purposes. In the fall give the plants a good top dressing of well-rotted manure. The following spring spade it in carefully, mixing it well with the soil, and it will prove very beneficial to the plants.

Clematis Jackmanni, flowers very large, intense violet-purple, and produced in the greatest profusion; hundreds of large beautiful blooms, from four to six inches

in diameter, are produced by a single plant, which make a gorgeous sight. This is the most beautiful hardy climber in cultivation. Strong plants, each 50
Henryi, the best white variety 50
A great bargain, one plant of each for 90 cents.

SMALL FLOWERING CLEMATIS.

Clematis flammula (European Sweet), a beautiful variety, producing pure white, sweet-scented flowers in great profusion 20

CLEMATIS PANICULATA.

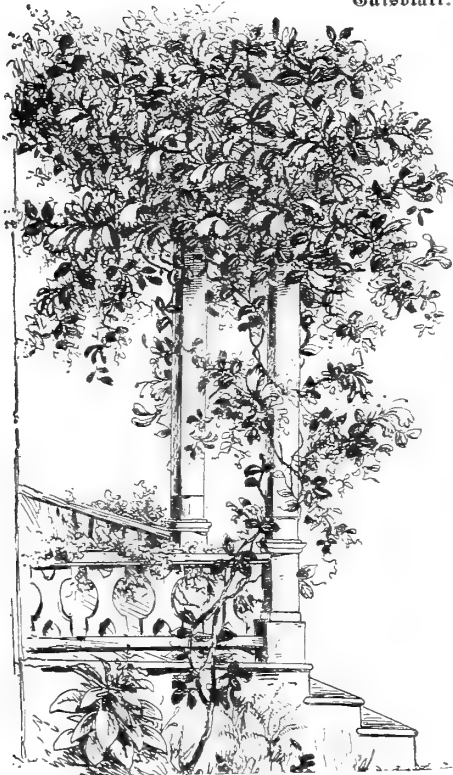
For description see Novelty Pages. Strong blooming plants, each, 50 cents, or two for 50 cents.

CISSUS TRICOLOR. (Ampelopsis tricolor.)

Cissus tricolor, foliage and habit of growth similar to Ampelopsis Veitchii, except that the leaves are somewhat smaller and are beautifully variegated with large blotches of pure white and pink; rare and beautiful; each 20

HONEYSUCKLE.

Gaißblatt.



HONEYSUCKLE.

The different varieties of the HoneySuckle are esteemed among the most desirable hardy climbers. Certain it is that the associations connected with the fragrant honeySuckle will make it always popular. Among flowers none has been more written about than this, none more prized by people, prince or poet. Its common, or, rather, poetic, name is Woodbine, the botanical name is Lonicera, given in honor of a German botanist.

- HoneySuckle, Hall's**, an evergreen variety from Japan; flowers pure white, changing to yellow; very fragrant 25
- Japan Golden-veined**, foliage small, beautifully netted with yellow, flowers white, sweet 25
- Chinese Twining**, flowers nearly white 25

DEUTZIA.

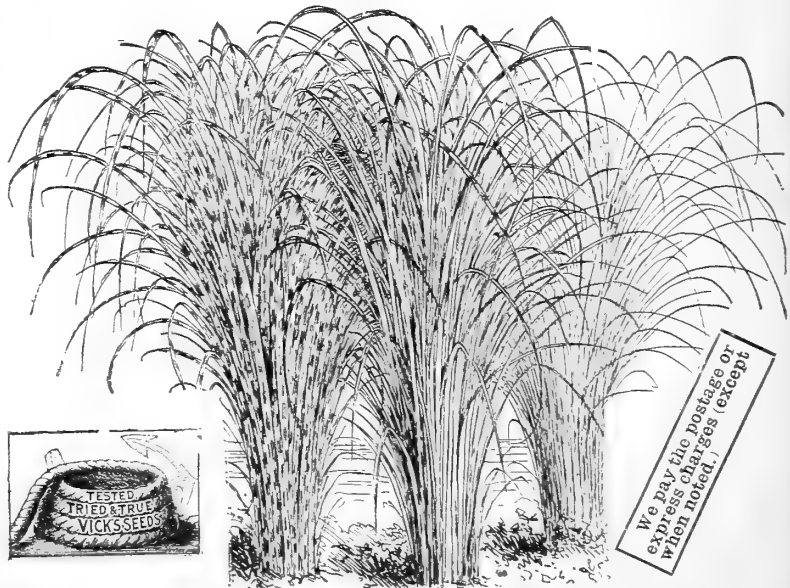
Deutzia.

We can highly recommend the Deutzias for hardiness, good habit, the great profusion in which they produce their flowers, and in every respect as being among the most desirable hardy shrubs in cultivation. The flowers are in racemes from four to six inches in length. Strong plants each 25 cents.

- Crenata flore plene**, double white, back of petals pinkish.
- Gracilis**, flowers single, white, profuse, and covering branches.
- Double White**, pure white, making it one of the best spring flowering shrubs.
- Pride of Rochester**, flowers pure white, large and double, reverse of petals delicate rose; very handsome.

EULALIA.

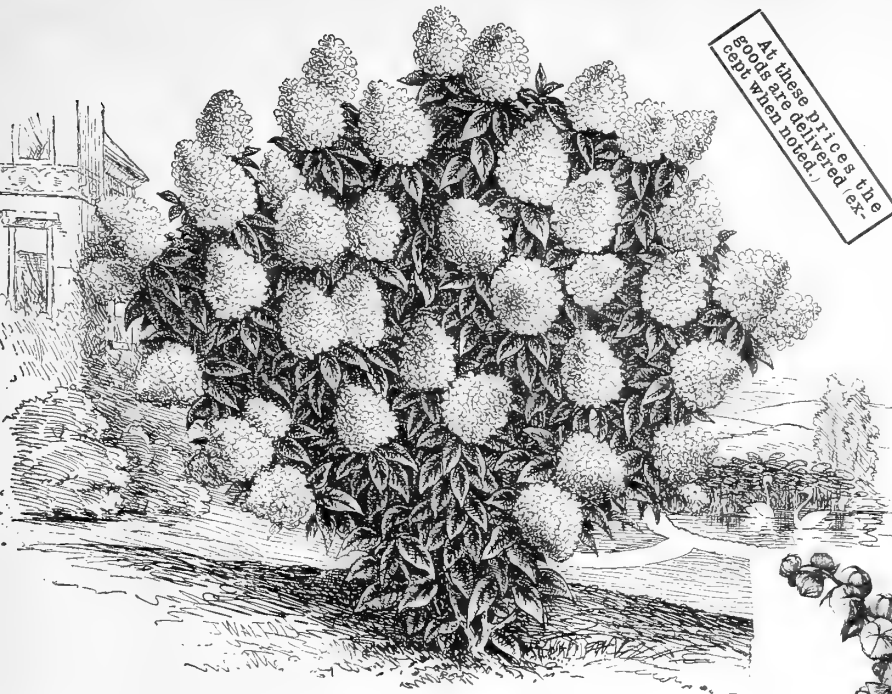
Eulalia.



We pay the Postage or express charges (except when noted.)

- Eulalia gracillima univittata**. This is the most beautiful of all the Eulalias. Foliage narrow, dark green, with a silvery white midrib. Each 25
- Japonica variegata**. This variety, except that the variegation of the leaf is lengthwise, is very similar in style and habit of growth to E. Japonica zebrina, and it forms so beautiful and striking a contrast to it as to make them very desirable companion plants; each 25
- Japonica Zebrina**. This plant is unlike most variegated plants, as its stripe, or marking, is across the leaf, instead of lengthwise. In fall it bears large tassel-like plumes. These may be used as parlor ornaments, and will last for years; each 25

The set for 60 cents.



At these prices the goods are delivered ex-cash when noted.

HARDY HYDRANGEA.

HYDRANGEA.

hortenŕie.

This is one of the finest hardy shrubs in cultivation; the flower trusses are large, in panicles from nine to twelve inches in length, and nearly as broad; color white at first, but changes to deep pink as the season advances. The plant attains a height of seven to ten feet, and is remarkable for its bold, erect habit. The engraving well portrays the grandeur of this noble plant.

Hydrangea paniculata grandiflora.
Prices according to size.

First size, each, 40 cents; 2 for 70 cents; 3 for \$1.00. Second size, each, 25 cents; 3 for 60 cents. Third size, each 15 cents; 6 for 75 cents.

All will bloom the first season.

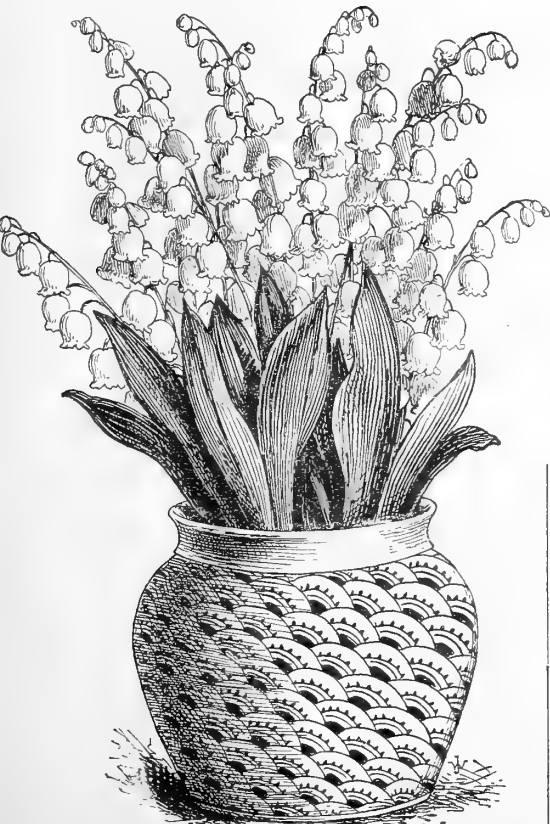
LILY OF THE VALLEY.

Maidblümdchen.

The Lily of the Valley (*Convallaria*) is quite hardy. To raise the plants in perfection in the open ground, choose a partially shaded place, prepare the soil to the depth of two feet with a mixture of leaf mold and sand. Set the pips about six inches apart and two inches below the surface. Planted in this manner they will bloom profusely.

For winter blooming in the house we import what are called "pips" from Europe—young roots with flowering stems, that will bloom in a few weeks after planting, and will flower well in baskets of damp moss, or potted. Pips for winter flowering in the house can be sent out in December, as they will not suffer injury from frost; for the garden either in the spring or autumn. New pips give double the satisfaction of old home grown clumps.

Lily of the Valley, sweet, graceful and delicate. Pips, half dozen 25c.; dozen 40c.; fifty \$1.40; hundred \$2.50.



LILY OF THE VALLEY.



HOLLYHOCK.

HOLLYHOCK

Malte.

There are few plants whose flowers so perfectly combine large size and delicacy as the Hollyhock. Its flowers are quite as double, and almost as pure and perfect as those of the Camellia, and when we remember that they mass around a strong stalk from three to five feet in height, we get some idea of their beauty. Seeds sown in the spring produce plants that will bloom the second summer. We have excellent, healthy young plants, grown from seed, that will flower the first summer, and usually from two or three summers after. The colors are nicely assorted, so that almost every color, from white to purple may be expected. Give the plants a light covering of coarse litter for winter protection.

Hollyhock, double, lilac maroon, red, white, pink and yellow, each 20

Any set of 6 colors, all blooming plants for \$1.00.

LILIES.

Lilien.

For grand, distinctive flowers, yielding a liberal bloom there is nothing so satisfactory and gratifying as a good assortment of Lilies.

All Lilies require deep planting and should not be disturbed for several years. In almost every case flowers will be obtained the first summer after planting, but it will be quite as well for the health of the plant if there is no bloom until the second season. In the North it is well, before winter, to cover the ground over and around the bulbs with three or four inches of leaves or straw, or coarse manure, as a winter protection.

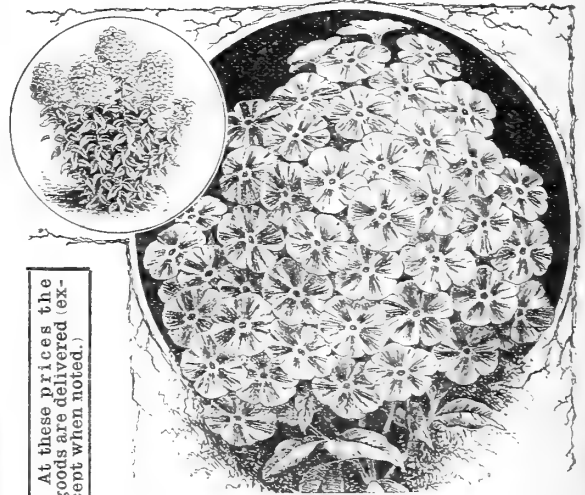
	Each.	Doz.
<i>Lilium auratum</i> , the magnificent Japan Lily	\$o 20	\$2 00
<i>canadense</i> , our Native Lily, beautiful and hardy	15	1 25
<i>candidum</i> common white	10	1 00
<i>croceum</i> , brilliant orange color, covered with small black dots; very showy	25	2 50
<i>excelsum</i> , delicate cream or buff	60	
<i>Japonicum longiflorum</i> , white, trumpet-shaped; five inches long	20	2 00
<i>lancifolium rubrum</i> , white and red, very showy	20	2 00
<i>lancifolium album</i> , white	30	3 00
<i>pardalinum</i> , one of the most desirable of the Canadense class; flowers yellow and red, spotted	25	2 50
<i>speciosum album</i> (<i>Præcox</i>), white	30	3 00
<i>tenuifolium</i> , foliage slender; flowers brilliant scarlet. This is a little beauty	25	2 50
<i>tigrinum</i> , Tiger Lily	10	1 00
<i>tigrinum flore-pleno</i> , Double Tiger Lily	15	1 25
<i>Thunbergianum grandiflorum</i> , large cluster of dark red flowers	20	2 00

For \$1.00 purchasers may select to amount of \$1.25.

For \$2.00 purchasers may select to amount of \$2.50.

PERENNIAL PHLOX.

Perennirende Blumenblume.



At these prices the goods are delivered except when noted.

The flowers of the Perennial Phlox, when the plants get strong, are immense bunches of bloom, from the purest white to crimson. Plants will keep increasing in size, and may be divided at the roots every two or three years. When in flower they are two feet or more in height.

The list below contains the most select from all the best varieties. Those offered produce large trusses of bloom, perfect individual florets, and are continuous bloomers.

- Perennial Phlox, *Albertus*, violet crimson, very effective.
- Coquette*, pure white, soft, rosy crimson eye.
- Countess de Castries*, white, small rose eye.
- Edith*, pure white, very finest lavender eye.
- Julie Roussel*, pure white, rosy crimson eye.
- Lothair*, rich salmon, crimson eye.
- Mlle. Cuppenheim*, pure white, dwarf.
- M. Bezanson*, fiery crimson, with velvety purple eye.
- Oberon*, coppery red.
- Premier Ministere*, rosy white, center deep rose.
- Surprise*, irregularly shaded, white and lilac, large crimson eye.
- Virgo Marie*, pure white, magnificent.

Plants, each, 20 cents, 3 for 50 cents.



1. Rubrum. 2. Auratum. 3. Longiflorum. 4. Tenuifolium

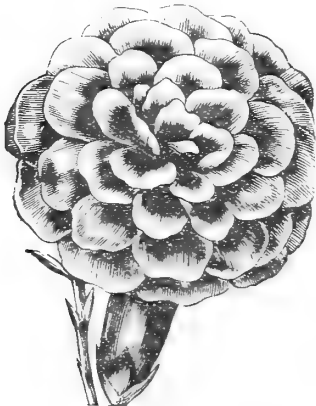
PINK. Federnelle.

The Double Garden Pinks bloom early, are dwarf in habit, and make fine edgings for walks. Most of them are white, with colored margin, and very fragrant. Set of four named varieties, including the old-fashioned June or Grass Pink, 50 cents; each, 15 cents.

ORIENTAL POPPY.

PAPAVER ORIENTALE.
Orientalischer Mohn.

This is one of the most showy and gorgeous hardy Perennial plants grown. The blossoms are as large as a saucer, borne on long, erect stems, and of the most intense scarlet color, with a large black center. Plants, each, 20 cts.



PINK.

A Charming Novelty.

Especial attention is called to the announcement of the New Dahlia *LeRoi*, in the Novelty pages. In color it is a delicate sea shell pink, a rare shade to get in flowers. We have only a limited stock.

ROSES.

THE plants of the Hybrid Perpetual class are entirely hardy. The flowers are of immense size, often five to six inches in diameter, and of the most beautiful colors, from pure white to the darkest shade of crimson. Through their blooming season, in June, they give us a show of brilliant colors unequalled by any other plants. In the spring, cut back all the shoots, or stems, and they will send up new ones, which will make a very strong growth and give abundance of bloom. It is the new wood that gives the bloom.

Moss Roses are very popular and much admired for their beautiful buds, which are covered with a moss-like texture.

Climbing Roses are perfectly hardy, blooming early in the summer, and when in a rich soil soon cover any arbor or porch.

We have reduced our long list of Roses, by discarding sorts that were too similar to be of value to the amateur.

We can supply many of the varieties formerly offered by us, but, when kinds are ordered that are not in stock, we must reserve the right to substitute, unless otherwise directed. The varieties offered are the best of their respective classes.

For List of Monthly Roses, see Tender Plants.

HYBRID PERPETUAL ROSES.

1-year plants, each 20 cents, 6 for \$1.00, 12 for \$2.00.

Anne de Diesbach (Glory of Paris). Brilliant crimson, long pointed buds, large, finely-formed, compact flowers, very sweet, free bloomer. Valuable for forcing, and a superior garden sort.

Baron de Bonstetten, beautiful dark velvety crimson; large and fine.

Baron Chaurand, bright maroon, strong grower.

Coquette des Alpes, white, occasionally tinged with pink, flowers in clusters.

Duchess of Albany. A sport from La France, deeper in color, more expanded in form and of larger size. The flowers are deep pink, very large and full, highly perfumed, and in all respects of first quality. The plant is of strong healthy growth and blooms abundantly.

Gen. Jacqueminot, rich crimson-scarlet, very bright and velvety.

It produces beautiful buds that are much admired and in great demand. This is, undoubtedly, the most popular Rose in cultivation.

Jules Margottin, deep rose; large and fine.

Jean Cherpin, plum color; very fragrant.

La France, silvery rose changing to pink; a most constant bloomer;



La France



Paul Neyron.

- very fragrant; beautiful both in flower and bud.
- Magna Charta**, pink, suffused with rose; large, full.
- Madame Plantier** (Hyb. China), summer bloomer; pure white.
- Madame Nachury**, dark rose; fine flower.
- Paul Neyron**, a grand rose, with immense double flowers, probably the largest grown; bright shining pink, clear and beautiful; finely scented. See cut.
- Perfection des Blancs**, pure snowy white; free bloomer; flowers large and very fragrant.
- Prince Camille de Rohan**, rich, dark velvety crimson, shading to maroon; very double and sweet.
- Pæonia**, bright clear red, very sweet; one of the finest old varieties.
- Rev. J. B. M. Camm**, carmine-rose; flowers medium size, very fragrant.
- Victor Verdier**, bright rose, crimson center.
- Vick's Caprice**, soft satiny pink, striped and dashed with white and carmine. The most beautiful garden rose in cultivation.

We offer the following select list in 2-year plants; they are strong, vigorous, and will bloom profusely the first season.

Plants, each 50 cents; per dozen, \$5.00.

- Anne de Diesbach** (Glory of Paris). Brilliant crimson; valuable for forcing; long pointed buds; large, finely formed, compact flowers, and a superior garden sort.
- Baron Chaurand**, bright maroon, very strong grower and an excellent rose.
- Baron de Bonstetten**, large, splendid, very double and full flowers, dark rich red, velvety, highly scented and very beautiful.
- Coquette des Alpes**, one of the finest, pure white; large, full, finely-formed flowers; profuse bloomer; very hardy and beautiful.
- Gen. Jacqueminot**, the best crimson.
- Jules Margottin**, deep rose; large and fine.
- La France**, silvery rose changing to pink; a most constant bloomer; very fragrant; beautiful both in flower and bud.
- La Reine**, deep rosy-lilac; free flowering, fine, full and very fragrant
- Madame Nachury**. See description above.
- Madame Plantier** (Hyb. China), summer bloomer; pure white.
- Magna Charta**, pink suffused with rose; extra large, double and sweet.
- Pæonia**. See description above.
- Paul Neyron**, a grand rose, with immense double flowers, probably the largest grown; bright shining pink, clear and beautiful; finely scented.
- Perfection des Blancs**. See description above.
- Prince Camille de Rohan**, rich, dark velvety crimson, passing to intense maroon, one of the darkest colored roses.
- Rev. J. B. M. Camm**, bright rosy pink; very fragrant; large size and free bloomer.
- Souvenir de Ducher**, rich, deep crimson; compact,
- Victor Verdier**, brilliant rosy carmine, with a purplish shade toward the edge; full flowers, extra large. The set of 18 varieties for \$6.50. (Moss and Climbing Roses next page.)



Anne de Diesbach

MOSS ROSES.



1-year plants, each 20 cents. The set 50 cts.

Boursier de la Riviere, deep red.

Comtesse de Murinais, pale flesh, changing to white.

Henry Martin, dark red.

2-year plants, each 50 cents; per dozen, \$3.00.

Aphelis purpurea, rosy-lilac; large and full; very double and fragrant.

Boursier de la Riviere, deep red.

Comtesse de Murinais, pale flesh, changing to white.

Henry Martin, dark red.

Mrs. Wood, deep rose, tinged with purple.

Salet, light rose, handsome buds, free bloomer.

The set of six for \$2.50.

CLIMBING ROSES.

1-year plants, each 20 cents. The set, 50 cents.

Baltimore Belle, pale blush; nearly white.

Greville, or Seven Sisters, blush and crimson.

Queen of the Prairies, rosy-red; fine.

Fine, strong 2-year plants of the above three, each 50 cents. The set, \$1.25.

For List of Monthly Roses, see Tender Plants.

CHINESE PÆONIES.

Chinesische Pæonie.

The Chinese Pæonies are desirable on account of their large size, fine colors and profuse blooming. They are perfectly hardy, never suffering injury from cold, and will succeed in any ground unless so wet that the water will lie on the surface in the winter and spring. They may be planted either in the autumn or spring, and are transplanted with greater safety than most any other plant—not one in a hundred failing.

Good roots, each 25 cents; dozen, \$2.50, except as noted.

Pæonia, Active, rose, flowers large, very compact.

Fragrans, one of the best pink varieties.

Double White, 35 cents each.

Bicolor, rose, shading to white at outer edge.

Brucei, light rose, fine.

Buyckii, outer petals rose, center salmon and rose

Caroline Mather, crimson, very fine.

Comte de Paris, bright rose; fine.

Fulgida, crimson, flowers very large, 35 cents.

Lamartine, very dark crimson.

Limbata, rose.

Lutea variegata, outward petals blush, center white.

Madam Augusta Van Geert.

Nivalet, rose.

Officinalis rubra (old fashioned red), crimson, of large size, fragrant, one of the very earliest to bloom, 35 cents.

Perfection, rose, center salmon, marked purple.

Pompona, large, purplish pink, with salmon center.

Purple Crown, purple and crimson, very effective.

Reevesii, delicate rose, center fringed.

Roi Guillaume, light rose.

Smittii, single, color bright crimson with conspicuous yellow center. It is beautiful in the bud form, and splendid for cutting, very fragrant, one of the earliest to bloom.

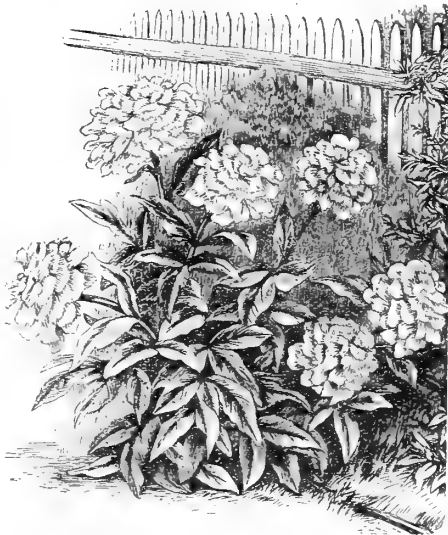
Striata speciosa, pale rose, center nearly white.

Triomphe du Nord, violet and rose.

Variegata plenissima, rose and pink shaded.

Victoria Modeste, outer petals violet-rose, center cream.

Virance, purplish rose, charming.



CHINESE PÆONIES.

SUNFLOWER (Helianthus).

Sonnenblume.



In these three varieties of Helianthus we have beautiful gems that should be in every garden. They are perfectly hardy in this locality, but in colder regions a protection of coarse litter will be required. The plants attain a height of about four feet, and, in their blooming season, which is in August and September, they are nearly covered with bright golden-yellow double flowers, about the size of a Dahlia. In fact, at first sight it may be easily taken for a plant of yellow Dahlia. The flowers are very desirable and showy for cutting, remaining bright and fresh for several days.

Helianthus Lataefrons, a charming hardy plant that is of neat, distinct habit of growth, forming a perfect pyramid of lovely flowers and foliage. The flowers are about four inches in diameter, of the richest golden yellow; the center, or disc, being a beautiful shade of brown, a peculiar but very handsome combination of colors. It is perfectly hardy, blooms profusely from July to September, and is one of the most beautiful and showy plants we have in the garden.

Multiflorus plenus, petals flat, flowers perfectly formed.

Soliel D'Or. *The Golden Quilled Sunflower*; similar to the above variety, except that the petals of the flower are quilled, like some of our finest Dahlias.

Plants each 20 cents; per dozen, \$2.00; or,
The set of three plants for 50 cents.

ENGLISH PRIMROSE.

Primel (Englische).

This is the sweet, beautiful, and perfectly hardy English Wild Primrose, so ardently loved by all who spent their childhood days among the green lanes of England.

P. Vulgaris, the well known English Primrose.

Elatior (Polyanthus). A variety of above valuable for planting on rockeries, in mixed borders, or in spring flower beds.

Plants, each, 25 cents; three for 50 cents; six for 90 cents.

DON'T FAIL TO EXAMINE

The Novelty pages for scores of new and attractive gems of the Floral World—notably

The New Sea Shell Pink Dahlia "Le Roi."

The New Carnation "Florence Eddy."

(A sport from the charming Nellie Lewis.)

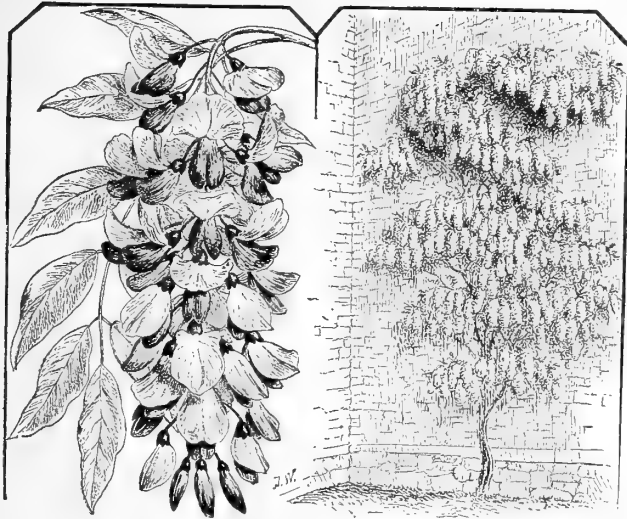
The Superb White Branching Asters.

(Shown natural size on front cover.)

By the way, the colored plate of *Chrysanthemums*, front of the Guide, shows in natural size three new varieties that will set Chrysanthemum lovers and growers crazy with delight. The new double white *Anemone "Whirlwind,"* shown on back cover, will please the most critical, and all who saw it the past season pronounced it a charming sort of a whirlwind.

WISTARIA.

Wistarie.



The Chinese Wistaria is a strong and rapid grower, desirable for trellises, porches, etc. When well established it blooms profusely. The flowers are very showy and are produced in long racemes. In England the plant is often called the kidney-bean tree and in Australia the grape flower vine. A large plant in bloom is a beautiful sight.

Wistaria Sinensis, Chinese Wistaria, flowers light purple, extra strong roots 30



SPIRÆA.

SPIRÆA.

Brautkranz.

Spiræa prunifolia, a beautiful hardy shrub that blooms in May. The flowers are about half an inch in diameter, double and pure white, often covering the entire branch. When in bloom, a single branch may be bent so as to form a very perfect, natural wreath of pure white.

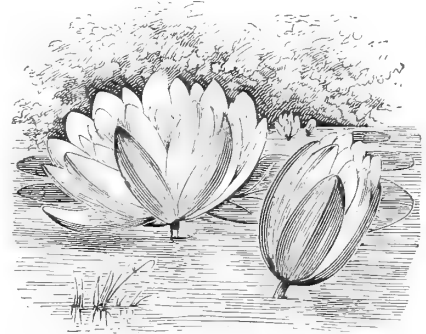
Spiræa prunifolia (Bridal Wreath), each 20

WATER LILY.

Wasserlilie.

Nymphæa odorata can be grown in any swampy piece of ground, and even in tubs of water sunk in the ground, or on the surface, and in aquariums in the house.

For ponds, if a soft, muddy bottom, tie the root to a stone to sink it, and drop it in near the shore in two or three feet of water, as the bloom is much better in shallow water. If a hard bottom, dig a small hole and cover it lightly. For tubs, take any strong barrel, free from oil, tar or salt (molasses barrels are best), saw in two, put in six or eight inches of fine loam, or pond mud, if handy, lay in the roots, being careful to straighten out the small fibers, and cover two inches deep, fill the tub gently with water, and keep full. These tubs



WATER LILY.

should be put in a cellar in the winter, to keep from freezing; fill with water when put away, and they will come out all right in the spring.

Nymphæa odorata, per-dozen \$2.50; each 25

YUCCA.

Yucca.

The Yuccas are erect and noble plants, with long, narrow, strong, sharp-pointed leaves, with a peculiar tropical aspect. *Filamentosa* is the hardiest, and will endure the winter in most parts of the country. Sometimes called Adam's Needle and Eve's Thread, from the sharp pointed leaves and hairy thread. It sends up a strong flower stem in the middle of the summer, bearing numerous large, white, handsome pendant, bell-shaped flowers.

Yucca filamentosa, strong 1 year old roots, 20 cents; strong 2 year old roots 30

GLITTERING GOLD.

The cover of this issue of the **FLORAL GUIDE** shows three of the most charming and glorious novelties, viz: Vick's White Branching Aster, the new double Anemone "Whirlwind" and the Japanese Variegated Hop, all of which are highly desirable in every well regulated garden. See particulars in Novelty Pages.

MISCELLANEOUS LIST.

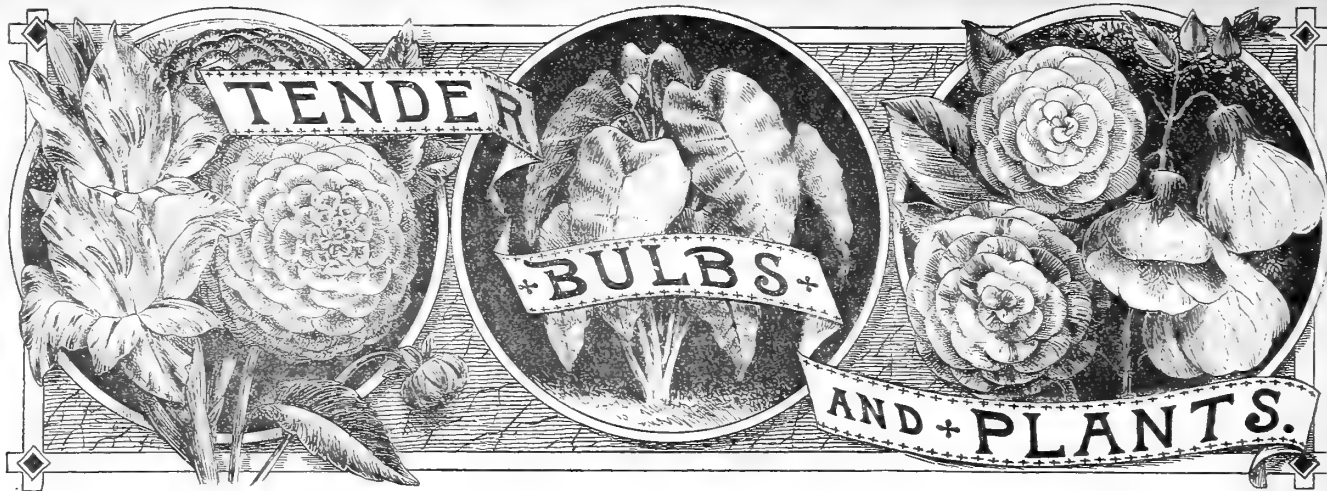
Lack of space prevents our giving a full description of the following well-known plants and bulbs:

- Althæa**, beautiful shrub, blooming early in the fall; double red, and double variegated; each 25
- Astilbe Japonica**. *Spiræa Japonica*. Splendid for outside flowering or forcing; loose feathery spikes of white flowers 25
- Dicentra spectabilis** (Bleeding Heart), a beautiful hardy perennial 25
- Day Lily**, **White** (*Funkia alba*), hardy, handsome, sweet-scented 25
- Yellow** (*Hemerocallis flava*), flowers clear canary yellow; very fragrant 2
- cœrula**, dark blue, with broad, glossy foliage 20
- Japonica**, light blue, with narrow foliage 20
- undulata media picta**, flowers lavender, foliage light green, beautifully variegated with white. One of the most beautiful hardy plants in cultivation, without an equal for cemetery planting 30
- Delphinium**, Chinese, flowers light blue 25
- Daisy**, white or red 20
- Daisy**, **Snowflake**, flowers very large 20
- Dodecatheon Media**. Flowers resemble the Cyclamen, to which plant it is allied. Exceedingly handsome, thriving well in a shady border. Each 25
- Erianthus Ravennæ**. Hardy ornamental grass, from 9 to 12 feet high; resembles Pampas Grass, but blooms much more abundantly, throwing up from 30 to 50 flower spikes 30

- Forsythia Fortunii**. "Golden Bells." Showing dense masses of yellow flowers in April; 3 feet 30
- Viridissimi**, bright yellow, golden bell like flowers; one of the earliest of spring flowering shrubs 30
- Ivy**, **English**, the old popular variety. Plants, each 20
- Lilac**, **Purple** 35
- White** 35
- Snowball** (*Viburnum Opulus*), a well-known shrub, produces large clusters of snow-white flowers in May 35
- Spiræa Van Houttei**, one of the most beautiful shrubs grown; flowers pure white, single 20
- Syringa grandiflora**, flowers pure white, fragrant, a very popular shrub 25
- microphylla**, new. A very pretty dwarf variety, handsome and symmetrical in form; flowers pure white 25
- Violet**, **Marie Louise**, light blue 15
- Swanley White**, new double white 15
- Weigelia**. Handsome summer flowering shrubs, with an abundance of tubular trumpet-shaped flowers, borne in clusters. . . . Each 25 cts.; 3 for 60 cts.
- Candida**. Pure white "
- Rosa**. Well-known blush white "
- Nana variegata**. Pink, leaves margined with creamy white "
- Desboisi**. Deep rose "

For \$1.00 purchaser may select plants from this list to amount of \$1.25.

Happy is the man or woman who planted our Maggie Murphy and American Wonder Potatoes last year. The prize winners and all competing for the prize showed a great many that weighed two pounds apiece! They are enormous yielders and if you grow for your own use only you might as well have large ones as small.



THIS DEPARTMENT embraces a large number of our most beautiful BULBS and PLANTS, as will be observed when we mention that it includes the Gladiolus and Dahlia, the Calla and Canna, the Geranium, Coleus, and, indeed, all our Bedding Plants. If the plants cannot be planted on their arrival they should be put into small pots, using a good, light soil, and watered thoroughly, after which shade them and water sparingly until they show signs of growth. At the north the plants and bulbs from this department must be taken up in the autumn.

Plants that are sent by mail have but little soil left on them, and they should receive very careful treatment, especially the first few days after their arrival. If they look wilted, put them in luke-warm water for fifteen or twenty minutes; this will greatly revive them. Those sent by express are generally in such condition as to require larger pots than the ones from which they were removed at the time of shipment. Caladiums, Tuberoses, Callas, Gloxinias and similar plants should, as a rule, be started as soon as received, while Dahlias, Gladioli, etc., should be kept in a cool place until proper time for planting.

ABUTILON.

Abutilon.

The Abutilons are often called Flowering Maples, and we have sometimes been led into trouble by sending trees when customers have ordered Maple trees and meant Abutilons. It is not well to use fancy names when ordering plants. The Abutilons are popular for their vigor of growth, clean foliage and constant blooming. Plants, each, 15 cents; \$1.50 per dozen.



ABUTILON.

Abutilon, Eclipse, a pretty trailing variety, foliage beautifully marked deep green and yellow; flowers bright yellow with crimson throat.

Golden Fleece, a handsome variety, with large, showy, bright yellow flowers.

New Double, Thompsoni plena, a sport from Thompson's variegated; flowers large, full, and perfectly double; color, rich orange, shaded with crimson.

Purity, pure white very showy and effective.

Santana, brownish crimson. **Seraph**, pure white dwarf. *The set of 6 for 75 cents.*

ANTHERICUM.

Zantedaia.

Anthericum, vittatum variegatum, an elegant house plant with dark green leaves, beautifully bordered with broad stripes of pure white; it throws up long spikes of small star-shaped flowers, which are very effective: fine for hanging baskets 20

ASPIDISTRA.

Lurida, a beautiful plant with large, lance-shaped leaves; easy culture. Fine for window or conservatory 50

ALTERNANTHERA.

These beautiful plants are among the most showy we have for carpet-bedding, borders, or ribbon lines, and are especially adapted to use in the formation of letters or figures on the lawn. Per hundred, \$8.00; dozen, \$1.50; each, 15 cents.

Alternanthera aurea nana, foliage bright green and yellow. **paronychoides major**, bright carmine, yellow and green.

AZALEAS.

Rhalec.

Azaleas are popular evergreen greenhouse shrubs, grown principally for cut flowers and decorative purposes. To the florist they are very valuable, and almost indispensable. The flowers are produced in great profusion, of various colors, from pure white to dark crimson. There are also striped and double varieties. Plants should be plunged in some shady place through summer.

Azaleas, three sizes, each 75 cents, \$1.00 and \$1.50.

ACHANIA

A greenhouse shrub, with scarlet flowers; blooms summer and winter; not subject to insects of any kind. One of the most satisfactory house plants grown.

Achania Malvaviscus, each 20



ACHANIA.

AGERATUM.

Geberbalsam.

Tapis Bleu. The best blue for bedding, dwarf and compact, extremely free flowering; an excellent and desirable variety, 15 cents each; \$1.50 per dozen.

ALYSSUM.

Steintraut.

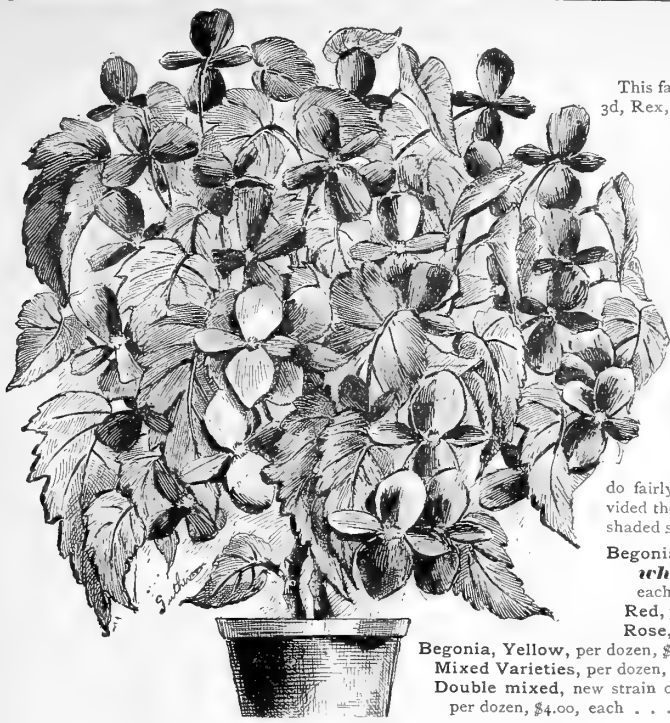
Pretty plants for vases, pots or baskets; flowers very fragrant. Price, 15 cts. each; per dozen \$1.50.

Alyssum Double White, variegata, foliage striped; single.

AT PRICES NAMED WE DELIVER PLANTS AT YOUR DOOR.

When comparing our prices with other responsible growers this important item should not be overlooked.

All other catalogues quote prices purchasers to pay transportation charges. Thus, while their price for a plant may be 10 cents, it will cost an additional 15 or 25 cents for transportation, according to distance shipped, and which the customer has to pay on delivery. **OUR PRICES INCLUDE POSTAGE OR EXPRESS CHARGES TO YOUR VERY DOOR**, except where noted. This is important to all buyers of Plants



EUGENE VALLERAND BEGONIA.

FLOWERING BEGONIAS.

The flowering Begonias are deservedly popular. Their beauty of foliage combined with graceful flowers and free-blooming qualities make them most desirable plants. They require about the same temperature as Bouvardias, an average of seventy degrees, to bring them to perfection. As pot plants for summer or winter decorations they have but few equals. Plants, 20 cents each; \$2.00 per dozen, except where noted.

Begonia Bruanti, foliage glossy deep green, of dwarf branching habit; flowers white with a faint pink tint; constant bloomer; fine variety.

Eugene Vallerand (New Coral), foliage and leaves waxy. The finest variety of all. Particularly adapted to pot culture. Compact habit and yet luxuriant grower. 25 cents, two 40 cents.

Feastii, a low spreading variety, with round leathery leaves, beautifully lined with red. Long stemmed, pink flowers, 25 cents.

Gilsoni, new, double. The only double-flowering variety of this class. Flowers large, white shaded carmine. It is a strong, free grower, and makes a handsome specimen plant; each, 25 cents.



CYPERUS ALTERNIFOLIUS

(UMBRELLA PLANT).

A beautiful, easy growing plant which is admirably adapted to many different modes of culture, in fact it seems to thrive in almost any situation and under all circumstances. It makes a very showy plant for pot culture, is one of the best for ferneries, while for the aquarium it is without an equal. Plants, each, 25 cents.

BEGONIA.

Begonie.

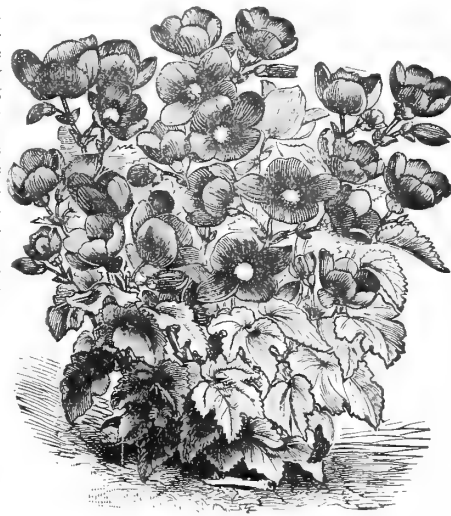
This family we divide into three classes: 1st, Tuberous-Rooted; 2d, Flowering varieties; 3d, Rex, or Ornamental-leaved varieties.

TUBEROUS BEGONIAS.

The tuberous-rooted Begonias are among the most showy plants we have for pot culture during the summer, as they bloom profusely for a long time. The large size of the flowers and beautiful form of the plant is the admiration of all. Some of the varieties bear very large drooping flowers, while others have large, erect blossoms. After the tops die down, take up the bulbs, dry them, and keep them in dry sand in a cool place till spring.

Plants of this class do fairly well bedded out, provided they are given a partially shaded situation.

- Begonia, tuberous-rooted,**
- white**, per doz., \$2.50; each 25
- Red**, per doz., \$2.50; each 25
- Rose**, per doz., \$2.50; each 25
- Begonia, Yellow**, per dozen, \$2.50; each 25
- Mixed Varieties**, per dozen, \$2.00; each 20
- Double mixed**, new strain of very fine flowers, per dozen, \$4.00, each 40



TUBEROUS BEGONIA.

Begonia, manicata aurea, a beautiful and very distinct variety, with glossy green foliage, which is handsomely marked and blotched with cream color, shading to canary; flowers pink, lace-like, in long spreading panicles; an elegant and very showy plant; each, 25 cents.

semperflorens gigantea rosea, new, splendid as a pot plant, and also for cut flowers. The leaves are a bright glossy green, large, smooth, and attached closely to the stem. Flowers large and in clusters well above the foliage; color brilliant carmine, very fine.

Sandersonii, scarlet; fine winter bloomer.

Schmidtii, flowers white, tinted with delicate pink, foliage dark metallic green, always in bloom.

subpeltata nigricans, bronzy foliage, flowers pink.

Velutina, beautiful, erect-growing, with dark, rough foliage of a lustrous bronze green on upper surface, under side reddish bronze; resembles Metallica, but with larger leaves and more sturdy habit; flowers rosy white, 25 cents.

zebrina, foliage dark green with whitish veins; flowers light pink

BEGONIA REX.

The Rex varieties, of which we have a dozen or more, varying in color and markings are very effective as pot plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry; 30 cents each.



BEGONIA REX.

THE BEST GARDENS ARE PLANTED WITH **VICK'S SEEDS.**

IMPORTANT.--At these prices we pay the postage or express charges, except when noted.

BOUVARDIA.



BOUVARDIA.

Bockii, beautiful deep coral red, base of petals and throat clear white; fine.

DOUBLE BOUVARDIA.

The Double Bouvardias are now among the most popular plants for forcing or house culture. The flowers are a trifle larger than those of the single variety, and perfectly double. Each, 20 cents.

Bouvardia Alfred Neuner, double white.

This is a class of beautiful autumn and winter blooming plants deserving much attention. They are easily raised, and reward the grower with a profusion of brilliant flowers all winter. By plunging the pots in summer a vigorous growth will be insured. "Plunging," as gardeners call it, is sinking the pot in the soil as low as the rim. They should be removed to the house or conservatory in September. \$2.00 per dozen; 20 cents each.

Bouvardia Leiantha, scarlet.

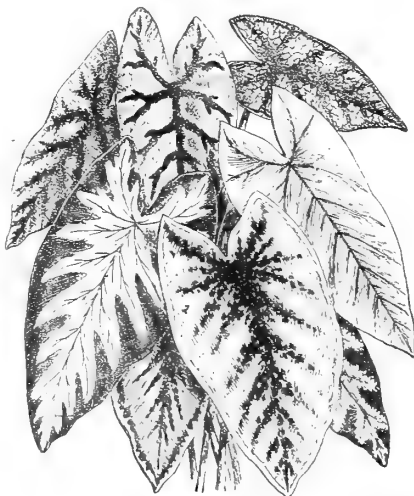
Davidsonii, white.

Brunetti, light blush.

CALADIUM.

Caladium
(*Fierblätterig*).

FANCY-FOLIAGED.—The fancy-foliaged varieties are beautiful plants for summer decoration. They require a high temperature to bring out the colors to perfection. Leaves curiously striped, blotched and spotted with white, crimson and pink. In the fall they die down, and the bulbs should be kept in the pots in a warm place. Each, 30 cents; \$3.00 per dozen.



CALADIUM (FANCY-FOLIAGED).

CALADIUM ESCULENTUM.

Gibbares Caladium.



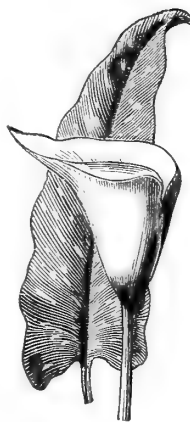
CALADIUM ESCULENTUM.

Extra large roots, each, 40 cents; dozen \$4 00
2nd size, each, 25 cents; dozen 2 50
3rd size, each, 15 cents; dozen 1 50

The Caladium esculentum is one of the handsomest of the ornamental-leaved plants. Roots obtained in the spring will make good plants in the summer, and in the fall they should be taken up and stored in a cellar. Leaves three feet or more in length, nearly as broad. There is nothing so good as this Caladium for a grand bed of foliage in the garden.

CALLA, or RICHARDIA.

Calla.



SPOTTED CALLA.



EGYPTIAN LILY.

Richardia Ethiopica is the well-known Egyptian Lily, or Lily of the Nile, with large white flowers and broad foliage; it will prosper under very adverse circumstances if given plenty of water. It is an excellent plant for aquariums. In the spring it may be planted in the garden until the autumn.

Richardia Ethiopica, or Egyptian Lily. Our Calla roots are large and fine, as we have them grown for us in California, where the Calla is perfectly at home; each 20

Extra large tubers; each 30

aloo-maculata, or Spotted Calla. Beautiful for pot culture. The bulbs must be kept in dry sand in the winter 20

CUPHEA LLAVAE.

The Red, White and Blue Flower.

Among the many plants of recent introduction none is more admired than this little patriotic beauty. It is of low growing habit, well covered with brilliant tubeshaped flowers. The rare and beautiful combination of colors displayed in this flower are the Red, White and Blue, of our National Flag. It is well adapted for general uses, such as bedding out, pot culture or hanging baskets.

Price, each 20 cents; three for 50 cents; seven for \$1.00.

COLEUS.

Coleus.



COLEUS.

The Coleus is the best and cheapest variegated-leaved plant we have for ornamental bedding. A few dozens of these plants will make a bed of which no one will have any cause to be ashamed. Plants should be set about a foot apart; so when the size of the bed is ascertained it is easy to figure how many plants are needed of each kind for a row. Each 15 cts.; dozen \$1.50.

Coleus, Charm, yellow, tinged with bronzy-scarlet

Crimson Velvet, crimson, spotted with black, edge serrated and lightly bordered with green.

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

J. H. Slocombe, maroon, edged with gold and yellow.

John Goode, a splendid yellow bedding variety, foliage deeply serrated.

Verschaffeltii, velvet-crimson.

IMPORTANT.--At these prices we pay the postage or express charges, except where noted.

CARNATION.

Reife.

The Carnation is one of the sweetest, prettiest flowers that grows. It is beautiful and fragrant, and gives plenty of flowers a long time. The ever-blooming varieties are admirable for winter-flowering in the greenhouse and window-garden, and are the main dependence of the florist for the preparation of floral ornaments in the winter. The best way is to get young plants in the spring and plant them out in the garden. Pinch off the tops of all long shoots as they appear, so as to form compact plants, and all buds that appear previous to the first of August. After that allow all to grow. Take up and pot the plants about the first of October and remove them to the house.

Carnation, American Flag. This is a grand Carnation. The flowers are regularly striped with scarlet and purest white, with foliage of metallic blue, hence its name.

Aurora. Beautiful pink, strong and handsome, coming quickly into bloom, and promises to be very profitable, a single plant producing 190 flowers.

Creole. Velvety maroon, occasionally flaked with carmine, petals slightly notched and shelled; a good grower with long stems.

Daybreak. Flowers very large, perfectly double; clear bright fresh tint without shading.

Grace Darling. Clear deep pink, medium grower, an early continuous bloomer.

Golden Gate. This is one of the best pure yellows, full and double.

Gracie Wilder, delicate pink, finely fringed.

Hinzie's White, white; flowers very large.

J. J. Harrison, pearly white, streaked and bordered rosy-carmine; flowers delicate in coloring, and well-formed.

Juliet, ground color white, flaked pink and maroon; dwarf habit.

Lizzie McGowan. This grand Carnation is a cross between Hinzie's White and Peter Henderson. It is a splendid grower, producing very large pure white flowers that are beautifully fringed, delightfully fragrant, and all borne on long stiff stems. We are confident that this is the best white Carnation ever introduced.

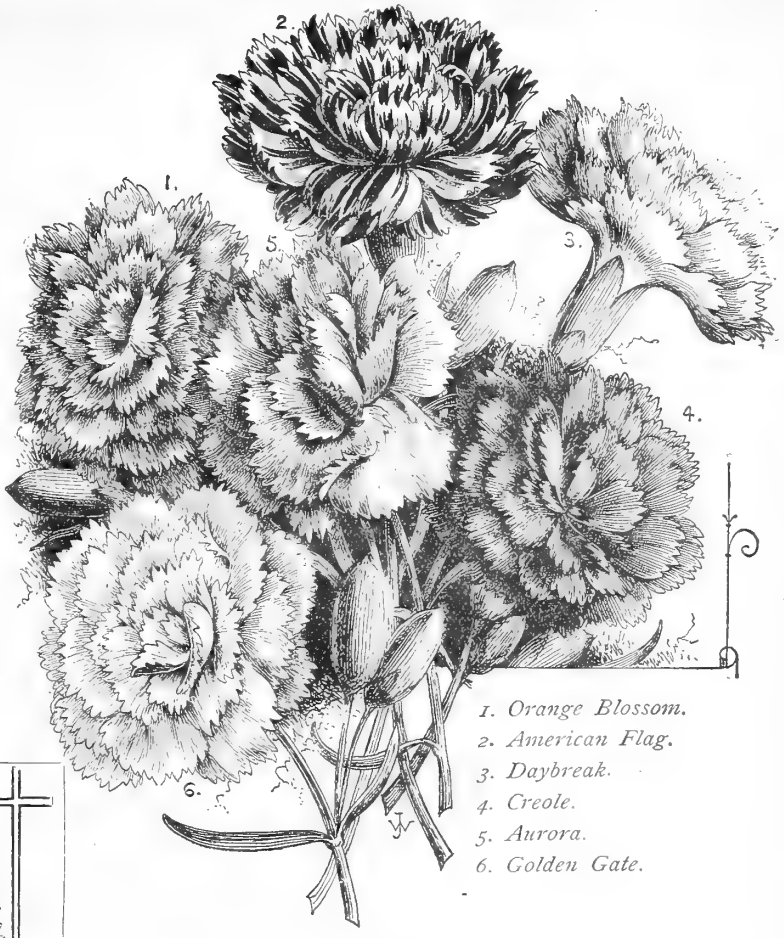
Orange Blossom. An attractive variegated variety, pink center, shading to creamy white with fine form and beautiful fringe.

Puritan. A new pure white variety, very full and of good substance, lasting, if well grown, a long time after being cut. Very fragrant, and an early and continuous bloomer.

Silver Spray. Flowers pure white, large, perfect, and all produced on long stems, never bursting; a beautiful variety.

Tidal Wave, bright pink; shaded salmon.

Plants, each 15 cents; 6 for 50 cents; 12 for \$1.50.



1. Orange Blossom.
2. American Flag.
3. Daybreak.
4. Creole.
5. Aurora.
6. Golden Gate.



FRENCH CANNAS.

may be potted out for winter blooming in the house; a plant will not cease blooming as long as cared for. Brilliancy of color, freedom of bloom, large, showy flowers, and all other good qualities are concentrated in this wonderful Canna, Star of 1891. Price of strong plants, dozen, \$2.75, each 25
Tonkin, foliage green, flowers large, beautiful clear yellow, spotted carmine in the center 25

For \$1.00 purchaser may select varieties from above list to amount of \$1.25, for \$2.00 to amount of \$2.50.

IMPORTANT.--At these prices we pay the postage or express charges, except when noted.

CANNA.

Blumencrohr.

The Canna is a fine foliage plant, making a good bed alone, but particularly desirable as the center of a group of foliage plants, for which it is one of the best, growing from three to six feet. The leaves are sometimes two feet in length, of a beautiful green, some varieties tinted with red. Roots can be taken up in the autumn and placed in the cellar. No one can fail to be pleased with this plant.

Canna, President Faivre, flowers amaranth-red; foliage bronze 20
robusta, a very fine, tall-growing, dark-leaved variety; eight to ten feet high; each 20

FRENCH CANNAS.

Französisches Blumencrohr.

The new French Cannas are continuous bloomers, producing large trusses of beautiful showy flowers from early summer until late in autumn. Their great beauty both in flower and foliage places them foremost in popularity for bedding purposes. For pot culture they are also very desirable, blooming equally as well when planted in the garden. We offer the best varieties only.

Canna, Admiral Courbet, flowers very large, citron-yellow, striped orange-scarlet; dozen, \$2.50 25
Adolph Weick, foliage bright green, erect, flowers bright carmine-red; dozen, \$2.50 25
Antoine Crozy. Flowers deep crimson, light green foliage; dozen, \$2.50 25
Brilliant. Rich shade of bright scarlet, foliage green, a very free blooming variety; good bedder, dozen \$2.50 25
Chevalier Besson, foliage rich green, flowers clear crimson, free bloomer; doz. \$2.50 25
Edouard Andre, foliage dark, shaded green, flowers bright carmine, fine 25
Francois Crozy. This variety is similar to Mad. Crozy in style and habit of growth, but the flowers are a bright orange bordered with a narrow edge of gold; a desirable and rare color in flowering plants which is a very fashionable one. Each 25
General Boulanger, canary yellow; mottled and streaked with crimson; foliage green; beautiful, dozen \$2.50 25
Lutea splendens, light yellow, delicately spotted with crimson; flower spikes very large; foliage green 25
Revol-Massot, foliage green, spikes strong, flowers a beautiful garnet color; doz. \$2.50 25
Star of 1891 has handsome foliage, large gorgeous trusses of brilliant orange scarlet flowers, faintly edged with a pure golden yellow band. Every sprout produces a flower-spike, these in turn produce other branches, each of which bears large trusses of bloom. The neat dwarf habit of the plant makes it equally as desirable for pot culture as bedding, so that a plant which has been bedded out through the summer, as cared for. Brilliancy of color, freedom of bloom, large, showy flowers, and all other good qualities are concentrated in this wonderful Canna, Star of 1891. Price of strong plants, dozen, \$2.75, each 25

CHRYSAN

ALL THE LEADING VARIETIES, FINE

THE Chrysanthemum is the prettiest and most valuable late autumn and early winter flower. It is the Imperial Emblem of the Japanese Emperor. In November and December there is nothing that will make so cheerful a display. The plants are almost hardy, but not quite, north of New York City. The best way is are so young plants in the spring, and sink the pots in the soil up to the rim, water quite

Chrysanthemum, E. G. Hill, one of the finest yellow varieties in cultivation.

Extra large, full double golden-yellow, lower petals sometimes shaded Indian red. An immense bloomer and a prize taker.

Frank Wilcox, rich, golden amber, slightly shaded deep bronze.

Frank Thompson, a most superb variety; grand flowering; creamy-white flushed with pale rose, sometimes canary yellow; broad, thick petals, slightly incurved; stout stems.

Gloriosum, light lemon, with narrow gracefully curved petals.

Golden Plume, bright golden yellow, petals long, wavy and drooping.

Harry E. Widener, large, bright lemon-yellow flowers; incurved, forming a large rounded surface, one of the best yellows, each 20 cents.

Harry Balsley, a fine cut-flower variety; color a pearl pink, shading to Mermet pink. Flowers double, semi-globular, with erect petals.

Harry May, flowers very large and double, forming a massive sphere, color deep old gold, occasionally veined with red, petals broad and heavy; a beauty.

Mr. Hicks Arnold, Large, full double flowers of an old gold color, lighting up wonderfully by artificial light.

Ida McVicker, a plant of strong habit, producing immense creamy-white flowers, with broad, thick, reflexed petals. A grand variety, and one of the best for specimen blooms or other purposes.

Jessica, flowers pure white, large, very early bloomer.

J. C. Vaughan, rich plume crimson, flowers large, good grower.

Josephine Schlicht, light crimson, with lilac shadings, very light at base of petals; fine.

Judge Hoitt, fine rosy pink with pearly-white center, occasionally tinged with yellow. Extra large incurved flowers, deep and massive, rich and handsome.

Kioto, large, incurved flowers; color, deep yellow, each 20 cents.

La Triomphante, white, shaded rose; large and fine.

Leonora, yellowish bronze overcast with crimson, a beautiful and showy color; flowers well formed. Plant of strong, robust habit, and blooms abundantly.

Lilian B. Bird, flowers of the largest size, full high center, petals tubular and of varying lengths. Color a beautiful shade of pink, each 20 cents.

Louis Boehmer. The **Pink Ostrich Plume**, each, 20 cents.

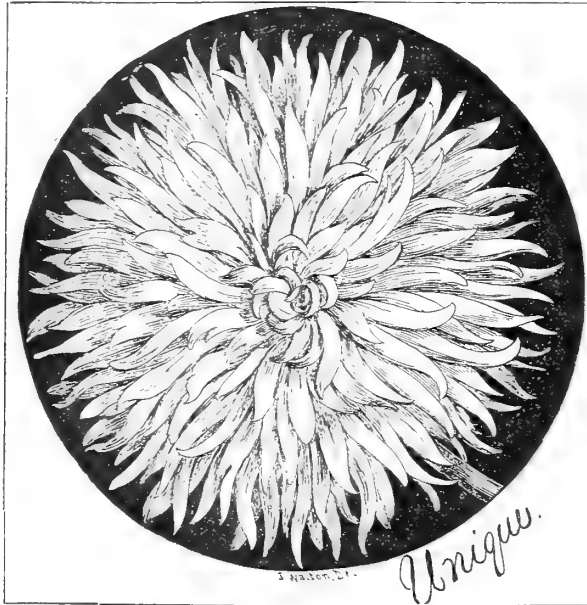
L. Canning, pure white, flowers large and handsome.

Madame Louise LeRoy, pure white, fine form, each 20 cents.

Mabel Ward, lemon-yellow, reverse of petals silvery pink.

Mrs. Alpheus Hardy. The **White Ostrich Plume**, each, 20 cents.

Mrs. M. J. Thomas, pure white, sometimes marked with pink.



Chrysanthemum, Ada Spaulding, purest pearl white in upper portion and deep rich pink in lower. Unusually hands-ome and striking, the immense globe shaped flowers, being 6 to 7 inches in diameter. Took the National Prize at Indianapolis.

Belle Pauline, pure white edged with rose.

Comedie, silvery-blush.

Cullingfordii, rich crimson, shaded scarlet.

Delight, bronze-red, tipped with old gold, flowers very large and beautifully incurved; plant strong grower and early bloomer.

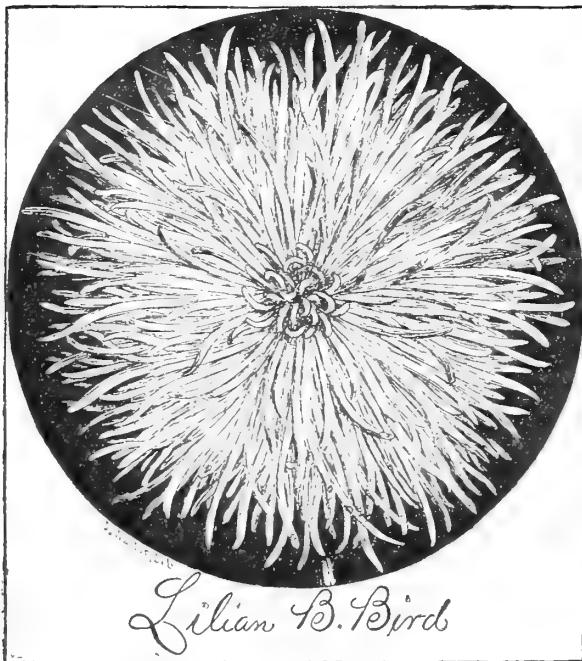
Duchesse, red, tipped with gold, a flower of great substance.

Defiance. New. Flowers of the largest size, well formed and very showy; color beautiful rosy purple, reverse of petals purplish white.

Ed. Hatch, delicate lemon, suffused with pink.

Elmer D. Smith, cardinal red, reverse of petals clear chamois.

Emma Hitreoth, a magnificent extra large flower, petals broad and peculiarly arranged, completely filling centre. Bright lemon yellow, exquisite and novel form; superior for commercial or exhibition purposes. Awarded the Winslow cup for best yellow, and certificate of merit.



See
Novelty
Pages
for
List
of
New
and
Rare
Varieties.



IMPORTANT.--At these prices we pay the

THE MUMS.

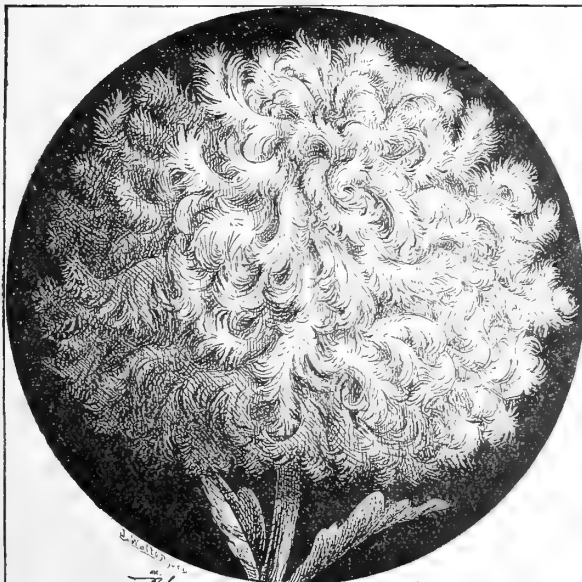
PLANTS, TRUE TO NAME AND COLOR.

freely, and keep the plants well pinched back until about the middle of August. They should be repotted at least twice during the summer. Take them to the house in October and November, and you will have a grand display for two months. The prevailing colors are white, the different tints of yellow (and the yellow colors are exceedingly fine), and different shades of red. Fine plants, 15 cents each; three for 40 cents, six for 80 cents, twelve for \$1.50, except as noted.

- Chrysanthemum, Mrs. Hicks Arnold**, beautiful soft rose-color; habit dwarf, with stiff stems that are covered with foliage up to the flower; very early.
- Mrs. Wm. S. Kimball**, a magnificent variety, producing flowers of immense size and beautiful form, with broad, stiff petals, that are of strong and lasting substance. The color is a delicate shade of blush, each petal having a light touch of yellow at the tip, which adds greatly to the beauty of the flower.
- Mrs. Robert Craig**, one of the finest globular whites; very large and shapely, as perfect in type as Mrs. L. C. Madeira is among globular yellows. Certificate at Philadelphia, New York and Indianapolis.
- Mrs. J. C. Whildin**, a large, handsome yellow variety; splendid in size and great addition to the scarce, very early, large flowering varieties. Very popular.
- Miss Minnie Wanamaker**, pure snowy white, deep, rich, full form, with broad, thick petals. Immense flowers in abundance. Robust grower.
- Mrs. Irving Clark**, pearly-white in the margin, shading to deep rose at center.
- Miss Annie Manda**. This is another beautiful addition to the Ostrich Plume class. The flowers are of the purest white, fragrant, handsomely incurved, and each petal is covered with a long hair-like growth that adds greatly to the unique appearance of the flowers. The plant is a strong grower, and the blooms larger and more perfect in form than those of Mrs. Hardy, each 30 cents.
- Miss Mary Wheeler**, pearly white, the petals delicately tinted on outer edge with pale pink; of exquisite form; very beautiful.
- Mrs. Thos. A. Edison**, a large, incurved flower with compact center, one mass of long petals of the most delicate rose-pink; very free, large, and so closely incurved as to resemble a solid ball.
- Mrs. D. D. Farson**, bright pink, very large, compact flower.
- Mattie C. Stewart**, new, bright golden yellow, large, petals broad and flat.
- Mattie Bruce**, new, fine pink, shaded mauve; full reflexed flower.
- Mermaid**, new, soft, mellow pink, deeper at outer edge, base deep cream.
- Puritan**, pure white, tinted with lilac; large.
- Rohallion**. Reflexed, of great depth, petals long and twisted, open at the end; of a beautiful dark chrome yellow; strong grower; one of the most distinct varieties in cultivation: fine.
- Rose Queen**, beautiful rose-amaranth color, flowers large, flat and well-formed.
- Sam Sloan**, pale blush; very large; finely incurved.
- Snow Ball**, pure white, a lovely variety, grand for cut flowers.
- Sol. Russell**, a beautiful shade of lavender pink, each 20 cents.
- Sugar Loaf**, new, flowers of varying shades of yellow, often bronze, sometimes perfectly clear.
- Swanley Yellow**, pure yellow; large reflexed flowers.



- Chrysanthemum, Source d'Or**, golden twisted florets, tipped yellowish-brown.
- Unique**. New. Delicate shade of lavender-pink, with reverse of petals a lighter shade. A flower of great substance, with just enough irregularity in formation to please the most fastidious, each 20 cents.
- V. H. Hallock**, rosy pearl, of a marked waxy texture. The color deepens toward the center.
- Victor**, one of the very best flowers, exceptionally fine and most perfect in shape, in color it is a rich golden yellow slightly shaded with bronze.
- W. A. Manda (Synonym Patrick Barry)**. The new **Yellow Ostrich Plume**, a grand yellow incurved variety of the Ostrich Plume type, which for beautiful color and handsome form of its flowers, is entitled to first place in any collection of Chrysanthemums. A yellow variety of the Ostrich Plume class is a novelty that will be heralded with delight and will become more popular than its predecessors, Louis Bøhmer and Mrs. Alpheus Hardy, each 25 cents.
- Wm. H. Lincoln**, beautiful golden yellow, with straight, flat spreading petals, flowers extra large and full.
- Wm. Stevens**, bronze-red.
- W. G. Newitt**, pure white, with long drooping petals.



Miss Annie Manda.

See
Colored
Plate
for
3 New
Varieties,
Painted
in
Natural
Size
and Colors.



Mdm. Louise Le Roy.

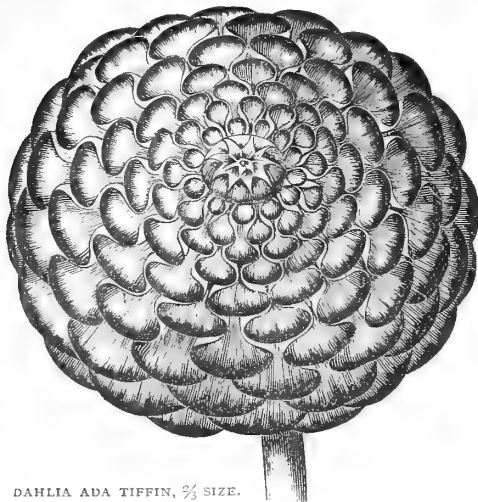
DAHLIA.

Georginen.

The Dahlia is the grandest autumn flower we have. It is in its glory during September and October, when other flowers are fading, and surrenders only to the Frost King. Put Dahlia tubers in the ground when the season becomes warm, covering the neck some three inches. If many shoots start, thin them out. After flowering, and before hard frosts, take up the plants, remove the tops, dry the bulbs a little and put in the cellar until spring, when they can be divided and replanted.

Look at them occasionally to see that they are not shriveling from too dry an atmosphere, nor starting the eye early in consequence of too much moisture and warmth. Tubers can be forwarded as soon as danger from frost is passed—about first of April. Price, 20 cents each; three for 50 cents, and \$2.00 per dozen. If the selection is left to us, we will sell bulbs at \$1.75 per dozen, and we think we can make a selection that will delight any lover of this beautiful flower. Our stock forms the largest and finest collection in the world.

For description of 12 New and Scarce varieties see Novelty Pages.



DAHLIA ADA TIFFIN, $\frac{2}{3}$ SIZE.

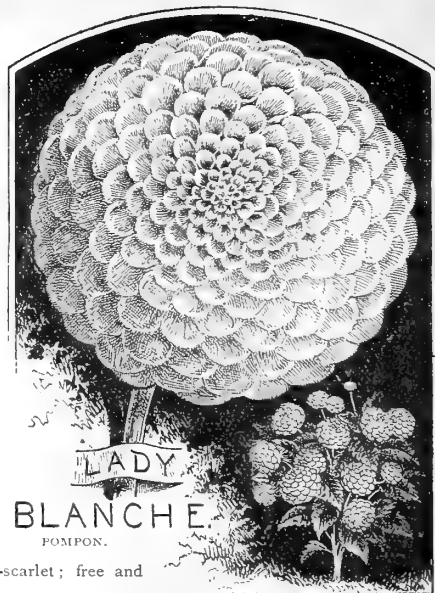
SHOW DAHLIAS.

- This class grows tall and has large, showy flowers.
- Dahlia Ada Tiffin**, light peach, tinged with rose.
- Anna Warner**, creamy ground, shaded to flesh, fine for cutting.
- Arthur**, deep lilac, full size.
- Bird of Passage**, white, tipped with pink; always reliable.
- Clieng**, rich crimson, very erect and showy.
- Constancy**, yellow ground, deeply edged with lake; exquisite.
- Criterion**, primrose tipped purple; very pleasing flower.
- Dragon**, yellow, tipped with crimson.
- Dude**, purplish lilac, high center.
- Duke of Connaught**, dark crimson, shaded purple; handsome.
- Emily**, bluish, suffused with rose; large, free bloomer.
- Emily Edwards**, bluish white, slightly tinted.
- Fanny Purchase**, bright yellow; fine standard sort.
- Firefly**, deep scarlet; good; erect with long stems.
- George Dickson**, chestnut-brown, a peculiar color, always perfect.
- George Rawlings**, very dark maroon; full size.
- Golden Eagle**, yellow, deeply edged with scarlet.
- Hercules**, yellow, striped and speckled with crimson.
- High Sheriff**, very dark, nearly black; standard variety.
- Jas. G. Blaine**, beautiful crimson; large, full and fine; new.
- James Stephens**, bright orange-scarlet; new color; very fine.
- James Vick**, purplish maroon; color intense; full and symmetrical.
- John Lamont**, maroon, with darker stripe; very fine.
- Lady Allington**, dark scarlet, tipped white.
- Lady Wimborne**, deep pink, heavily shaded with rose.
- Le Roi**, soft sea shell pink. (For description see Novelty pages.)
- Lottie Eckford**, white, striped with purple.
- Maggie Soul**, bluish white, edged with purple; very pretty and free.
- Magician**, deep yellow, striped with scarlet; good.
- Maid of Athens**, dark maroon, tipped with red and white.
- Miss Browning**, clear yellow, tipped with white; beautiful.
- Mirefield Beauty**, a beautiful shade of red; the flowers of this variety are always perfect.
- Modesty**, bluish, with light center; flowers large and always perfect.
- Mrs. G. R. Jefferd**, large; deep yellow.
- Mrs. Langtry**, cream color, beautifully edged with crimson.
- Mrs. Stancombe**, canary-yellow, tipped; beautiful.
- Nellie Cramond**, purple, with cerise shade.
- Oriole**, golden ground, striped and tipped with scarlet.
- Pioneer**, black; large size.
- Polly Sandell**, lemon, tipped with fawn.
- Prince Bismarck**, fine large purple; unsurpassed.
- Princess**, white; large flower; free bloomer.
- Queen of Sports**, white and lilac, purple striped.
- Robin Adair**, peculiar shade of brown; flowers fine shape and very perfect.
- Ronald**, buff; free and fine.
- Senator**, cream, tinted with rose.
- Snow Cloud**, pearly white; withstands the sun.
- Startler**, very dark maroon, with white tips.
- Statesman**, purplish-crimson; a beauty.
- Sunlight**, bright scarlet.
- The Pet**, dark maroon, tipped with white.
- Thomas White**, dark crimson maroon; very free bloomer.
- William Dawkins**, fawn, edged with bright crimson; fine large flower.
- Woman in White**, large; white.
- Yellow Boy**, deep yellow.
- Yellow Standard**, yellow.

POMPON, OR BOUQUET.

The unique flowers of this class are always beautiful and perfectly formed. The plant grows tall like the Show Dahlia, but the flowers are much smaller. They are abundant bloomers.

- Dahlia Burning Coal**, yellow, with intense scarlet tip.
- Catharine**, yellow.
- Darkness**, almost black.
- Eurydice**, bluish, tipped with purple.
- Fashion**, light orange.



LADY
BLANCHE.
POMPON.

Dahlia Fairy Tales,

delicate primrose.
Isabel, bright orange-scarlet; free and effective.

Janet, rich salmon.

Lady Blanche, small, pure white; beautifully quilled; long stems; finest for cutting. (See cut.)

Leila, buff, with heavy red tips, interspersed with petals wholly white; sportive.

Little Agnes, light pink.

Little Bob, fine, deep scarlet.

Little Leopold, deep pink; very fine.

Nymph, yellow, tipped with red; good.

Profusion, crimson, tipped with white; fine and free.

Red Indian, deep coral red.

Sappho, rich maroon, sometimes has a light center; splendid.

White Aster, pure white; fimbriated.

DWARFS, OR BEDDERS.

The Dwarf Dahlias grow only about eighteen inches high, but the flowers are full size.

Dahlia Fire King, bright crimson.

Fraulein Hettergot, light and rose; fine dwarf.

Gem of the Dwarfs, red, tipped with white; unsurpassed.

Goldfinder, golden yellow; good habit and free bloomer.

John Wyatt, crimson-scarlet; large flower.

Leah, fine shade of orange, tinted with rose.

Marguerite Bruant, white; good bedder.



Meta Bartelles, pink, delicate shade.

Mt. Blanc, clear white.

Sambo, dark maroon.

CACTUS DAHLIAS.

This comparatively new class of Dahlias is becoming more popular every year. The flowers are very beautiful, though peculiar in form, somewhat resembling the blooms of the Cactus family. Hence the name, "Cactus Dahlia." They grow tall, and branch and bloom freely, and are splendid for cutting. Prices as named.

Dahlia Baron Schroeder, imperial purple, extra fine and free flowering; 40 cents.

Black Prince, dark velvety maroon; 50 cents.

Charming Bride, white, tipped with pink, nice for cutting; 40 cents.

Kynerith, a magnificent vermilion; very free bloomer; 40 cents.

Mrs. Tait, large white; serrated petals; 40 cents.

St. Catherine, a cadmium yellow, and fine color and free bloomer; 40 cents.



DRACÆNA INDIVISA.

A very ornamental plant for pot culture on account of its graceful habit and beautiful recurved foliage. It is the best plant in cultivation for the center of vases and hanging baskets. Each 30 cents.

CAPE JASMINE.

Cap-Jasmin.

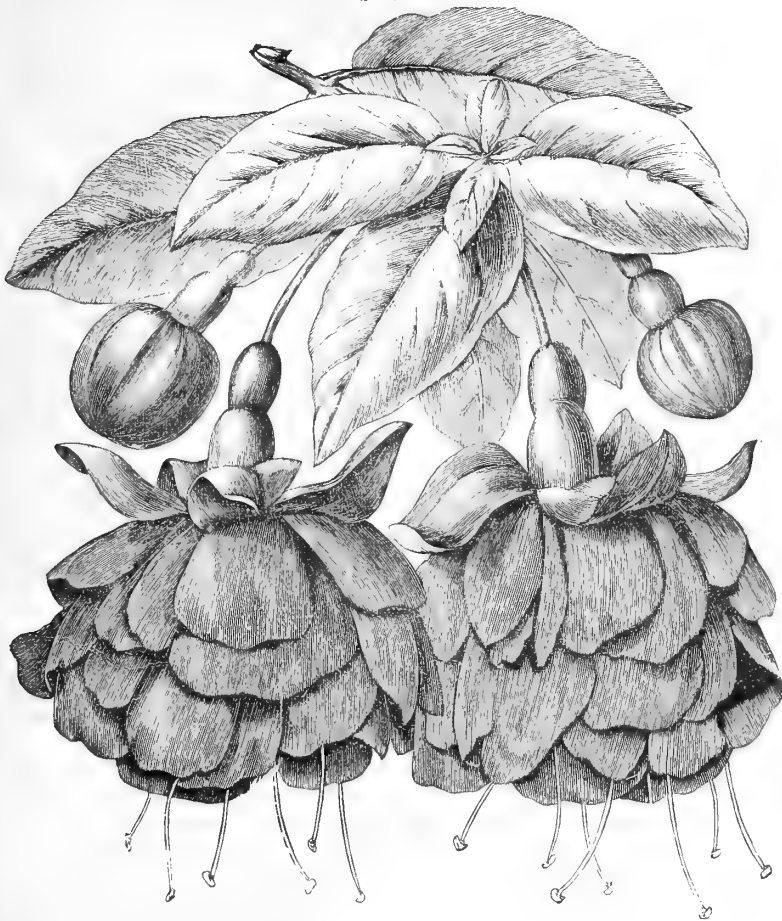
A pretty evergreen shrub with double white flowers an inch and a half in diameter and very fragrant.

Cape Jasmine (*Gardenia florida*) 30

Unless otherwise requested plant orders will be held till after April 1st.

FUCHSIA.

Fuchsie.



FUSCHIA, PHENOMENAL.

THE FUCHSIAS, as all know, are elegant flowers, delicate in coloring and exquisitely graceful in form. When in full bloom they are most beautiful objects. The plants we offer are strong and thrifty, grown especially for summer and winter flowering, and may be trained in almost any desired form. The Fuchsia requires a light, rich soil. Sprinkle often and give plenty of light and air. Usually Fuchsias are kept as house plants, and when well trained and cared for there is nothing finer for the purpose. But the plants are capable of developing beautifully and blooming profusely when planted in a bed of rich soil in a somewhat shaded place, such as is afforded at the north or east side of the house, or in the shade of a fence. In planting them out it is best to turn them out of their pots and allow their roots to run. In autumn lift the plants and place in boxes of soil and keep nearly or quite dormant until spring. Winter blooming plants are better to be kept in their pots and treated with special reference to their season of bloom.

SINGLE.

- Fuchsia Aurora Superba**, sepals salmon, corolla orange.
- Black Prince**, corolla reddish rose; sepals carmine.
- Carl Halt**, sepals white, corolla crimson, striped with white; winter-flowering.
- Earl of Beaconsfield**, rosy carmine, corolla deep carmine; large flower.
- Eureka**, tube and sepals rosy red, corolla deep purple, flushed with magenta.
- Lustrous Improved**, tube and sepals white, corolla very brilliant carmine-scarlet.
- Miss Bailey**, sepals white, corolla pink; a wonderfully free bloomer.
- Sunray**; violet and crimson; leaves beautifully variegated.

DOUBLE.

- Fuchsia, Avalanche**, corolla violet; sepals crimson.
- Berliner-Kind**, tube and sepals rosy-pink, corolla white, a splendid variety.
- Deutscher Kaiser**, sepals rosy crimson, corolla violet purple.
- Frau Emma Toepfer (Storm King)**, sepals bright crimson scarlet, corolla shaded same, but well balanced with a profusion of white.
- Gigantea**. This is a sport from the large flowering variety Phenomenal, and is similar to it in every respect, except in the coloring of the corolla, which is a beautiful shade of light magenta, with dark crimson veins. A superb sort.
- Molesworth**, sepals red; nicely recurved; corolla pure white; very large; a promising variety.
- Mrs. E G. Hill**, the most perfect double white Fuchsia yet introduced; tube and sepals bright reddish crimson, contrasting with the large pure white corolla to great advantage. The plant is of splendid habit, a remarkably free grower, yet compact and symmetrical in form, very free bloomer.
- Phenomenal**, sepals bright carmine; corolla bright violet-purple; flowers very large.
- Rosain's Petrie**, tube and sepals rosy-carmine; corolla pure white. Plant of the finest habit and wonderfully free blooming.
- Sapaly Freres**, sepals coral red; corolla violet and carmine.

Plants, each, 20 cents; 3 for 50 cents; 7 for \$1.00; 12 for \$1.50.

IMPORTANT.--At these prices we pay the postage or express charges, except where noted.

GLOXINIA.

Glorinie.



Gloxinias are among the handsomest of our summer blooming greenhouse plants. The flowers are gorgeous, and the foliage has a soft velvety appearance. Bulbs should be started in the spring, in a warm place. They require partial shade and a liberal supply of water when growing. After blooming, water should be withheld, and the bulbs remain dry through the winter; 25 cents each.

HIBISCUS (Chinese).

Gibisid (Chinesid).



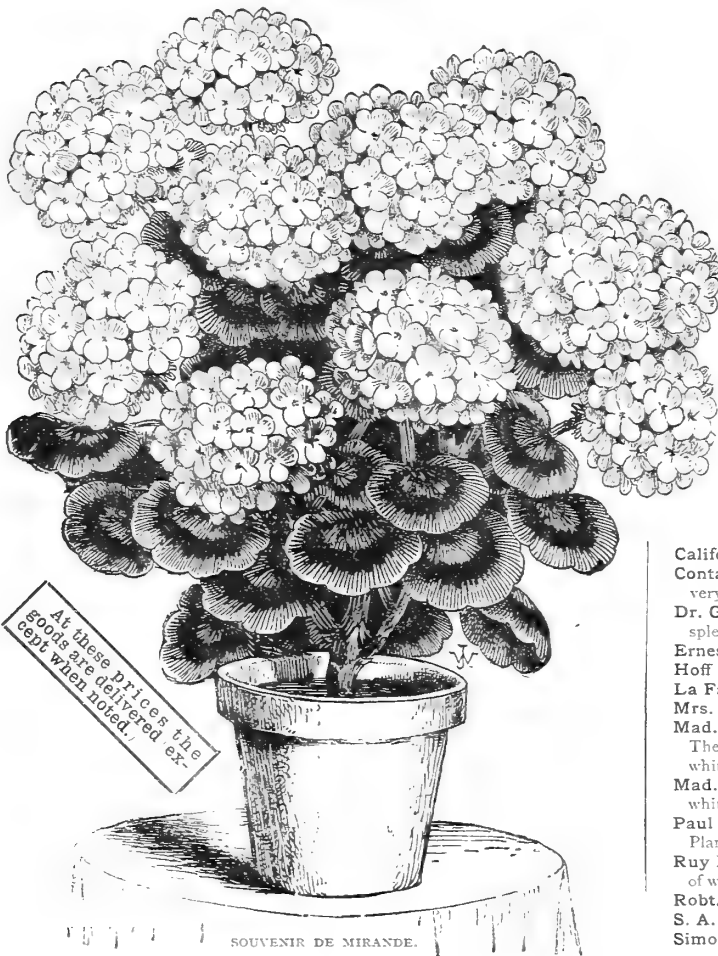
Greenhouse shrubs, with dark glossy leaves, and large showy flowers; excellent for bedding out in summer. The Chinese make a dye from the flowers for the hair and eyebrows. If grown in pots will flower well in the house during winter. Its flowers are truly gorgeous, very-large and of the most brilliant colors; single or double; each 20 cents.

- Hibiscus Dennisoni**, very light rose, changing to almost white; fine.
- Cooperi tricolor**, foliage beautifully variegated with dark green, pink and white; flowers crimson.
- fulgidus**, very large; carmine scarlet; at the base of each petal is an oblong blotch of deep crimson.
- grandiflorus**, crimson and scarlet.
- miniatur semi-plenus**, double, vermilion scarlet; very showy.
- sub-violaceous**, double, clear carmine, tinted violet.
- Yellow Gem**, double, yellow.

The set for \$1.25.

GERANIUM.

Geranium.



SOUVENIR DE MIRANDE.

A group of scarlet Geraniums is a dazzling sight from June to November. No flowering plants are more grown, and certainly none are more suitable, for large beds where a mass of bloom is desired. When used in connection with Alternantheras, Coleus, and other foliage plants, they make an attractive display.

Heretofore we have offered a long list of Geraniums, but as there is so slight a difference in many of the varieties we have decided that it will be for the best interest of our customers, as well as ourselves, to reduce the list so that it will contain the best varieties only; those retained are the most desirable of their class and color for bedding purposes and general culture.

Plants, each 20 cents; 3 for 50 cents; 7 for \$1.00; 15 for \$2.00, for all varieties except Mrs. Pollock.

GERANIUMS FOR BEDDING AND POT CULTURE.

SINGLE.

- Geranium Cinderella**, bright rosy salmon, fine truss.
- Countess of Derby**, salmon and white, mottled, very bright in the center, flowers large and showy.
- Gen. Grant**, scarlet. This good old sort still retains popularity as a bedder. It has no equal for freedom of bloom and brilliancy of color.
- King Olga**, rich deep pink; base of petals white, truss large and perfect.
- Marguerite de Layre**, a strong, free grower, producing large trusses of well formed, pure white flowers.
- Meteor**, a splendid variety with large trusses of brilliant scarlet flowers, that have a small but distinct pure white eye. Plant of good habit, free bloomer.
- Mrs. James Vick**, salmon, shading to nearly white, without an equal for winter.
- Mrs. Hamilton**, very soft pink, charming shade, strong grower, good habit, fine.
- M. Poirier**, the truss and individual florets of this variety are exceedingly large and well formed; color beautiful carmine-violet, fine.
- Mad. du Luc**, the best rose-colored variety of the Bruant type; upper petals distinctly marked with white; individual florets very large and perfect, splendid.

Plants can be safely shipped every week of the year. State when plants are wanted.

Geranium Queen of the Whites Improved, this is one of the finest white Geraniums ever sent out; truss and individual flowers large and well formed, petals very broad and perfect, of good growth and habit.

Pretty Jane, rosy magenta; large truss of well shaped flowers, dwarf habit.

Sam Sloan, fine deep crimson; blooms very freely and is an excellent bedder.

Souvenir de Mirande. This is the grandest novelty in Geraniums that has appeared for a number of years, and is entirely distinct from any variety in existence. The florets are large, nicely rounded, and have a very large pure white eye, that is well extended around the flower, but more prominent on the upper petals; this gradually deepens in color towards the outer edge to a bright rosy-pink, forming a contrast that is very striking as well as pleasing, even to the most fastidious. The habit of the plant is good, and it may be classed as one of the freest bloomers in cultivation; without an equal for either bedding or pot culture. (See illustration.)

Trophee, light lavender pink.

White Wings, a beautiful white variety, flowers large and well formed.

DOUBLE.

The double Geraniums have been wonderfully improved the past few years. We now have them of as many and as beautiful colors as the single. For bedding they are about as good every way as the single, and for cutting much better.

Beaute Poitevine. Flowers semi-double, very large, and in immense clusters; color, brilliant salmon, very clear at the outer edge; splendid either for bedding or pot culture.

Bruant, vermilion-scarlet, splendid bedder.

Bishop Wood, scarlet and violet, splendid bedder.

Californie, beautiful bright yellowish orange-scarlet, flowers very large.

Contable, of good habit, with fine large flowers of a beautiful bright rose color; very free.

Dr. Guyon, flowers beautiful violet-rose with white markings in the center; a splendid variety for bedding or pot culture

Ernest Bahlson, flesh color, tinted violet, fine.

Hoff Beach, rich amaranth-purple, flowers large.

La Favorite, best pure white.

Mrs. Langtry, pure white; truss and flowers very large.

Mad. Ayme de la Chevreliere. In this variety we have a marvel of beauty.

The flowers, in addition to their extraordinary size, are of the purest snowy whiteness. Better in form and superior to any double white yet introduced.

Mad. Thibeaut, flowers very large, deep rose-pink, upper petals marked with white.

Paul Arene. Flowers a beautiful creamy-white tint; large and well formed. Plant of dwarf habit.

Ruy Blas, immense well formed trusses of rosy-peach colored flowers, the center of which is beautifully illumed with flaming salmon; showy and effective; fine.

Robt. Sparks, double scarlet, dwarf.

S. A. Nutt, very dark crimson; a splendid variety for bedding.

Simon Delaux, cherry-purple; dwarf.

SWEET-SCENTED.

Dr. Livingstone, leaves finely divided, very fragrant.

Rose. This is the most desirable of the scented varieties.

IVY-LEAF.

This class has thick, glossy, Ivy-shaped leaves, and the plants are of a drooping habit. They are excellent for baskets, vases and house plants, and not undesirable for beds on the lawn.

SINGLE.

Duke of Edinburgh, leaves light green, broad white margin, flowers rose.

L'Elegante, white margin, tinged with pink; flowers white.

DOUBLE.

Jeanne d'Arc, white suffused with lavender.

Mad. Thibaut, flowers very double, full and perfect in form; color rich deep pink; a strong, free grower.

Souv. de Chas. Turner, deep pink, feathered maroon in upper petals.

TRICOLOR—Leaves Finely Variegated.

These Geraniums are much prized for the beauty of their foliage, which is very handsome. For culture in the house or conservatory, they are among the best.

Mrs. Pollock, flowers scarlet; 30 cents.

BRONZE.

The leaves of the Bronze Geranium show the most beautiful shades of yellow or brownish red, the foliage being as handsome as flowers.

Bronze Prince, flowers salmon, foliage very showy.

Marshal McMahon, very vigorous, scarlet.

SILVER-LEAF—Leaves White Margined.

This class have marked leaves, the center being bright green, and the edges silvery-white. They are elegant plants for the house in winter, the foliage making a beautiful contrast.

Bijou. This is one of the finest of the silver-leaf sorts.

Mad. Sallerot, a small compact plant; very fine.

GLADIOLUS.

Gladiole.

The Gladiolus (Sword Lily) is the most beautiful of the Summer or Tender Bulbs, with tall spikes of flowers, some two feet or more in height, often several from the same bulb. The flowers are of almost every desirable color, brilliant scarlet, crimson, creamy white, striped, blotched and spotted in the most curious manner. Set the bulbs from six to nine inches apart, and about four inches deep. Plant from middle of April to first of June. In the fall, before hard frosts, take up the bulbs, remove the tops, leave to dry in the air for a few days, and store in some cool place, secure from frost until spring.

This list embraces some of the best of the older and new varieties, together with the finest of late French novelties.

Gladiolus Addison, dark amaranth with white stripes,	Each. \$0 10
Africaine, slaty brown on scarlet ground, streaked with scarlet and pure white, white blotch,	25
Agrius, bright salmon, slightly feathered at the outer edge with vermilion; blotch cream color,	15
Amalthee, white, streaked with garnet, large garnet blotch,	15
Ambroise Verschaffelt, carmine, garnet flamed,	15
Andromede, rose, slightly tinted with carmine, and streaked with white; large yellow blotch,	10
Antigone, delicate rose, flamed with carmine,	10
Ball of Fire, scarlet crimson, maroon blotch with blue center,	35
Benvenuto, orange red, with white blotch,	20
Brenchleyensis, vermilion scarlet; fine old variety,	10
Brennus, crimson-maroon, white center, tinged with blue, violet stripe on lower petals,	25
Brunette, beautiful shade of carmine; blotch cream color, striped with purple, white line on each petal,	10
Bryant, rose, heavily striped and flaked with deep scarlet; blotch lemon color; each petal has a distinct white line; the whole flower has a rich velvety appearance,	10
Ceres, white, marbled and striped with rose and purple,	10
Charlotte Cushman, brilliant scarlet, beautiful large white throat, white line in each petal,	10
Chateaubriand, cherry rose, carmine streaked,	15
Chloris, white ground, mottled with carmine, flamed with purplish carmine, lower petals blotched with carmine purple,	25
Christopher Columbus, rosy carmine, flamed with red, violet red blotch on lower petals,	15
Daubenton, rosy lilac shading to bright rose, flamed with carmine, carmine violet blotch, white line in the center of each petal,	35
Diamant, fleshy white, throat ivory white, blotched and streaked with carmine,	25
Dictateur, center of flower white; outer edges flushed with carmine-red, on pale lilac ground,	35
Dr. Bailly, dazzling scarlet, carmine blotch on white ground,	2 50
Edwin Booth, rose striped and flamed with brilliant scarlet; garnet stripe in throat,	10
Enchanteresse, very large flowers of a satiny pale lilac-white, streaked with violet-red on one or two sepals,	50
Etendard, large flower, white, blazed with lilac,	15
Eugene Scribe, flower large and wide, rose, blazed with carmine red; very fine,	10
Eva, white, slightly tinged with rose and pale lilac,	15
Fenelon, rose, violet-tinged, flamed with carmine,	10
Flamingo, fiery red; blotch of rich purple, very brilliant and showy,	25
Flamboyant, fiery scarlet, fine spike,	25
Formosa, bright satiny rose, flaked and edged with carmine, blotch creamy-white,	25
Grand Rouge, flowers large, bright scarlet with small violet blotch in the throat,	75
Guillaume Tell, intense dark carmine, small white throat, with light violet border and white veins,	3 00
Hecla, fiery orange scarlet, center pure white, feathered with carmine,	50
Holmes, clear rose, striped with darker rose, large white blotch, flushed with lemon,	15
Ida, large flower, white, rose-tinted, blazed with carmine rose,	10
Imperatrice, white, striped and dashed with carmine,	10
Innocence, pure white. This we think is the first pure white Gladiolus ever offered. The flowers are not large, but very compact on the spike,	1 00
Isaac Buchanan, fine yellow,	1 00
James Carter, light orange red, very bright, with a large, pure white throat,	10

Gladiolus, Joconde, cherry rose, fringed bright carmine, streaked white, clear throat,	Each. 10
Le Poussin, light red, white ground; very pretty,	10
Le Vesuve, intense fiery red; rich,	20
Lord Byron, brilliant scarlet, stained and ribboned with pure white,	10
Longfellow, white; a very fine line of violet in each of the lower petals,	35
Lowell, rose shaded with scarlet, a shade of garnet in the throat,	10
Mad. Monneret, delicate rose, carmine blotch,	10
Magnificus, flowers large and open, purplish-rose; white blotch edged violet,	1 50
Matador, brilliant carmine red, striped and blotched pure white,	20
Meyerbeer, brilliant scarlet, amaranth red blotch,	20
Mons. Legouve, fiery red, white blotch, white line in each petal,	20
Mr. Burley, cherry-rose, yellow blotch striped with violet,	10
Mr. Derry, amaranth, flaked with purple, white line in each petal,	15
Murillo, cherry rose on light ground, white blotch, white line in each petal,	15
Napoleon III., bright scarlet, white line in each petal,	15
Nestor, yellow, lower part darker, striped with red,	25
Pactole, yellow, tinged with rose at the edges, blotch of darker shade,	15
Panama, intense rosy-carmine, suffused with scarlet, slightly marked with slate color at outer edge; white blotch,	1 00
Panorama, lilac, shaded and mottled with brilliant carmine, throat creamy white, white line in each petal,	15
Pasteur, fine rose color, tinted with orange, and streaked purplish rose, blotch ivory white,	75
Phœbus, fire red, with large showy white blotch,	20
Picador, dazzling scarlet; white blotch; very showy,	1 50
Pictum, salmon scarlet, flaked with carmine,	10
Primatic, long spike, large flowers, fine rose, lilac-tinged, blazed with bright carmine,	15
Richard Cœur-de-Lion, crimson red, flamed with garnet, lower petals spotted golden yellow,	10
Roi Leopold, rose, crimson-blazed, carnation stripe,	15
Romulus, brilliant dark red, large white blotch,	10
Sappho, long spike, fine cherry, orange-tinted,	15
Teresita, pure white, suffused with rose, and striped with carmine at the edges, lower petals pale rose blotched and striped with violet,	20
Therese de Vilmorin, creamy-white; blotch light yellow with purple stripes,	35
Triumphans, cherry, shading off to currant red,	10
Ulysses, clear pink, striped carmine, large ivory white blotch,	25



GLADIOLUS.

UNNAMED GLADIOLUS.

Choice American Seedlings.

These seedlings are grown from seed that is saved from the best named varieties only. They will grow vigorously and produce as large spikes of beautiful flowers as the named sorts.

All Colors Mixed, 20 bulbs for 50 cents; \$2.00 per 100.

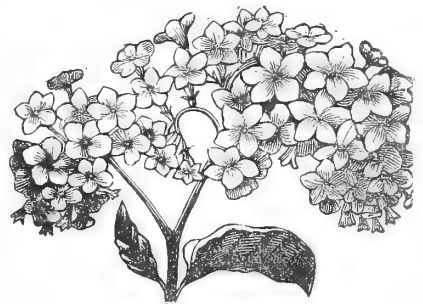
Light Colors, all shades; 14 bulbs for 50 cents; \$3.00 per 100.

Red and Scarlet, all shades, 16 bulbs for 50 cents; \$2.50 per 100.

Not less than 50 at 100 rates.

HELIOTROPE.

Heliotrope.



HELIOTROPE.

Well-known plants grown for their exquisite fragrance. They make handsome plants when bedded out, blooming moderately through the summer, and in great profusion early in the fall. They are also very desirable for house culture, a single plant filling a whole room with perfume. Each, 15 cents; \$1.50 per dozen.

Heliotrope, Albert Delaux, irregular blotched and marked yellowish-green; flowers light lavender, novel, and pretty.

Lady Cook, dark violet.

Louise Delaux, rose, shaded with violet.

Mrs. Lewington, very dark purple.

Mad. de Blonay, pure white.

NAMED GLADIOLUS.

GREAT INDUCEMENT.

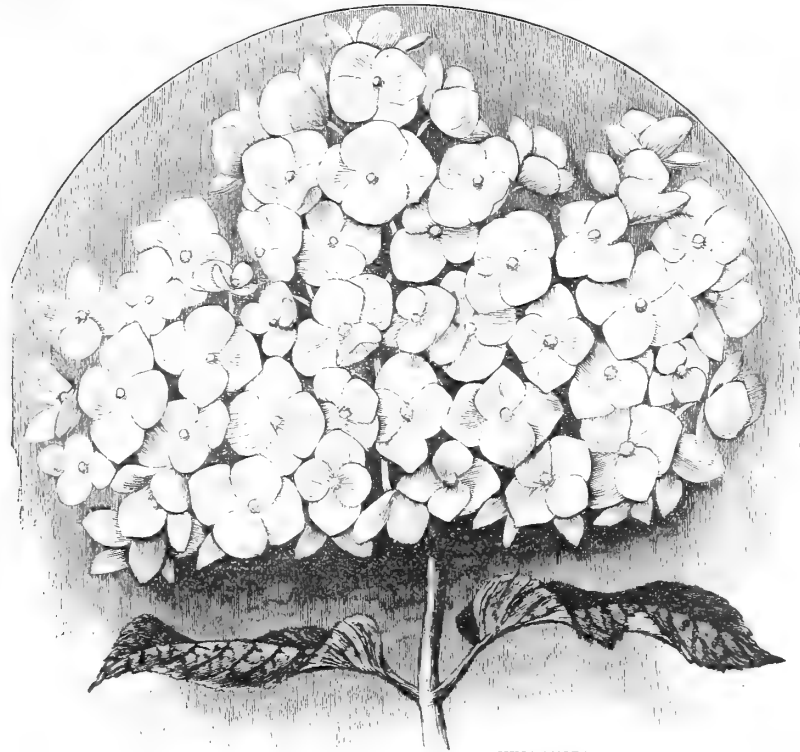
"A Baker's Dozen." Our Prize Collection of Thirteen Selected Named Gladiolus Bulbs, the cream of our large collection for only

Sunrise Collection, 25 Named Bulbs . . \$1.00
Banner Collection, 40 Named Bulbs . . \$3 00

The above Collection will be made irrespective of our prices and in many instances the value of a single bulb will be greater than price charged for the full collection.

THIS IS WORTH ACTING UPON.

IMPORTANT.—At these prices we pay the postage or express charges, except when noted.



HYDRANGEA.

HYDRANGEA.

Hortensie.

The Hydrangeas are well-known, favorite plants. Hardy south of Philadelphia; grown at the North as pot plants; their immense heads of bloom make them very conspicuous. A little shade and plenty of water seem to meet all their needs. They can be put in the cellar in the fall. For decorative plants on a piazza or porch, few plants are more desirable. One each side of the front door steps makes a fine effect. Each, 25 cents.

Hydrangea Otaksa, a Japanese variety, with immense heads of pale pink bloom. Extra large plants, by express only, 50c.

Hortensia, the Chinese variety, producing bright pink flowers.

stellata fimbriata, the flowers are formed in large trusses, and are of the purest white; each floret is neatly fringed, and has a distinct crimson spot in the center; a very beautiful variety.

Thomas Hogg, a pure white variety, with heads as large as the pink; a most beautiful and ornamental shrub.

The set for 50 cents.

IPOMŒA (Moon Flower).

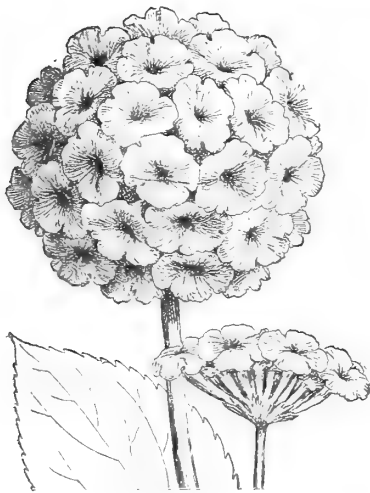
Hand-Blume.



MOON FLOWER
1/2 SIZE.

Ipomœa Bona Nox. This variety of Ipomœa is offered under various names, such as Good Night, Evening Glory, and the like. But, even though it were given a hundred other synonyms, it would be the same grand and beautiful climber that produces its large, pure white, sweet-scented flowers in the night, and on dull cloudy days. It is one of our strongest, most vigorous climbers, attaining a height of twenty-five feet in one season, with ordinary culture. To keep over winter, the plant must be cut back, the roots potted, and kept in a growing condition. Per doz. \$1.50; each, 15 cents.

LANTANA.



LANTANA—NELLIE BLY.

snowy whiteness. The plant is a strong grower and blooms profusely.

Each 20 cents; 3 for 50 cents.

The Lantana is of easy culture; its free-flowering qualities make it very desirable for the house. The plants can be trained in almost any desired form, and are almost continuously in bloom. The flowers are small, in clusters: 20 cents each; \$2.00 per dozen.

Lantana Favorite, yellow merging into crimson.

Imperatrice Eugenie, blush and white.

Nelly Bly. A sweet scented variety of this beautiful class of plants is indeed a rarity; would there were more of them without disagreeable odor of the common sorts. This produces large trusses of beautiful white flowers, which have a delicate, sweet, spicy fragrance, that is very pleasing. On opening the flowers have a showy lemon-yellow center, but this soon changes so as to leave a beautiful truss of pure

MANETTIA VINE (Manettia Bicolor).

A beautiful twining plant, producing very showy tubular flowers from one to two inches in length, and in such great abundance that the plants are literally covered with them the entire season. The flowers are of the most intense fiery-scarlet, with bright yellow tip; they are also covered with a moss, or hairy substance, that adds much to their beauty. As a pot plant to train on a trellis, it is unrivalled; grown in this manner, it will bloom without ceasing for several years, if well cared for. In the open ground it also succeeds admirably, growing from eight to ten feet in height, and showing at all times innumerable blossoms. It is a plant of rare beauty.

Plants, each, 20 cents; 3 for 50 cents; 6 for \$1.00.

IMPORTANT.—At these prices we pay postage or express charges, except when noted.

JASMINE.

Jasmin.

The Jasmine is a favorite greenhouse or house plant everywhere. It is the idol of the poets and one of the sweetest flowers; 25 cents each.

Jasminum grandiflorum, foliage fine; flowers white, star-shaped, and very fragrant, blooming from November till May, easy of culture.



LEMON VERBENA.

A shrubby plant, with light green, fragrant leaves, and lilac tinted flowers. An old favorite.

Lemon Verbena (Aloysia citriodora), each 20

OLEANDER.

Oleander.

An old-fashioned shrub grown as a pot plant, with a profusion of large flowers.

Oleander, Madonna grandiflora, white; double 50

Double Pink, the old variety 20

Monthly Roses



The Bride.

Henry M. Stanley.

Catherine Mermet.

In the list below we give the ever-blooming class, comprising Teas, Noisettes, Chinas and Bourbons. Even so far North as this they give us better satisfaction than any other class of Roses,—first, on account of their free-blooming qualities; then their exquisite fragrance and delicate colors. Some are almost hardy here, and do well if slightly protected with leaves or straw, while a little further south they stand the winters with no protection whatever. If the plants are taken up in the fall and trimmed back, and put in earth in a box, in a cool cellar, with just water enough to keep them from shriveling, they will come out fresh in the spring, and start into bloom in a very short time. All Roses delight in a rich soil.

For other extra choice new varieties see Novelty pages.

For List of Hardy Roses, see page 69.

MONTHLY ROSES.

Fine strong plants, 15 cents each; \$1.50 per dozen; \$10.00 per hundred; 25 plants at hundred rates; except where noted.

Italic letters are as follows to indicate classes: *t.* Tea; *cl. t.* Climbing Tea; *c.* China; *b.* Bourbon; *n.* Noisette.

Rose, Catharine Mermet. One of the finest varieties in cultivation, with buds of the largest size, and handsome form. The petals are gracefully recurved, so as to show a lovely bright pink center, which gradually shades towards the outer edge to a very light pink. Plant of strong growth and free blooming habit, very fragrant. *t.*

Charles Rovolli, carmine-rose; flowers large. *t.*

Eliza Fugier. A seedling from Niphetos, which it resembles very much in style of flowers, but is a stronger grower and of better habit. Color light cream, sometimes slightly edged with rose. A beautiful variety, with handsome, long, pointed buds.

Dr. Grill, coppery-yellow, with a rosy reflex, back of petals shaded china rose. The outer petals are large, round, and shell-shaped, and enclose a mass of shorter petals that are very brilliant in color; free bloomer. *t.*

Duchesse Marie Salviati, chrome-orange shaded with delicate flesh color; frequently the flowers have no shading; habit strong and vigorous. *t.*

Francisca Kruger, coppery-yellow, shaded with peach; flowers large, full and well formed. *t.*

Henry M. Stanley. Flowers very large, of good substance, full and highly scented. The color is entirely new and distinct, being a delicate shade of amber rose, beautifully tinged with apricot yellow. *t.*

Hermosa, pink; always a favorite. *b.*

Jeanne Guillemez. Clear red, slightly tinged with salmon, center coppery-red, with pale silver shadings, flowers large and double, of good form, buds long and handsome; a vigorous grower. *t.*

J. B. Varonne. Flowers large and double, with high center, color soft china-rose, shading to bright carmine; a splendid grower; one of the finest new roses. Very sweet. *t.*

Joseph Metral, flowers dark magenta red, changing to cherry red, large and full, of vigorous growth. *t.*

Lady Castlereagh, soft rosy-yellow, with rose color predominating on the outer margins of the petals. A most continuous and late bloomer; flowers very large, full, beautifully formed and always opening well; growth vigorous. *t.*

Mary Washington. A large double, snow-white rose, constantly blooming, very fragrant and with an agreeable musky odor. A vigorous hardy climber procured from the garden of Mr. Vernon and claimed to have been raised by George Washington and named after his mother. This is a variety which should be generally planted. *n.*

Madame Hoste. Creamy yellow, with deep buff yellow center, large and full. *t.*

Madame Elie Lambert. Flowers large, full, very double, globular and cup-shaped, outer petals pure white, center a beautiful shade of rosy flesh color, sometimes changing to deep rose-carmine. Plant of vigorous growth and a remarkably free bloomer. A novel color that is sure to please. *t.*

Marie Guillot, white, tinted with pale yellow; large, full and of fine shape. A most beautiful rose, but not fragrant. *t.*

Rose, Mrs. James Wilson. In form resembles Mermet, flowers deep lemon yellow, tipped with rose; highly fragrant; habit vigorous and branching; flowers carried erect on stiff stems and lasting well. *t.*

Madame Scipion Cochet, center of flower deep yellow, shading to white at outer edge, edge of petals delicately edged with rose; flowers of good size and splendid form. *t.*

Madame de Watteville, creamy-white, shading to bright salmon, outer edge of petals bright rose; very fine. *t.*

Marechal Niel, yellow, tea-scented. *n.*

Marquise de Vivens, edge of outer petals bright carmine, center and base of petals creamy yellow; flowers large, full and sweet. *t.*

May Rivers, creamy white, shading to pink, center bright apricot color; flowers full, well formed. *t.*

Princesse Hohenzollern, color bright satiny red, with a lighter center; a very strong, vigorous grower, with beautiful foliage. *t.*

Princesse de Sagan, dark velvety crimson, shaded purple, with amaranth center; flowers large, finely cupped and highly scented; very free bloomer. *t.*

Queen's Scarlet, rich velvety scarlet, constant bloomer. One of the finest varieties. *Bengal.*

Sappho. Buds medium, full, globular, fawn color, suffused with rose, the opening flowers shaded with yellow and tawny buff. Distinct and handsome; vigorous and free blooming. *t.*

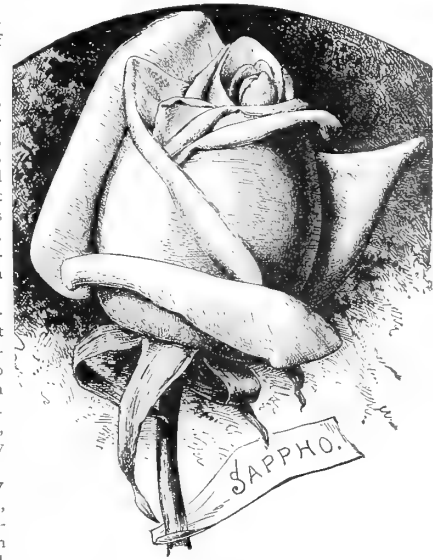
Sombreuil, creamy-white, often tinged with pink. *t.*

Souvenir de Clairvaux. Color bright china-rose, base of petals apricot shading to nankeen yellow, with touches of carmine. Flowers medium size, well formed and very sweet. *t.*

Souvenir de Lady Ashburton, large, full, coppery or reddish yellow, sometimes with rose or brilliant red tints, according to the time of the season. Very fine. *t.*

The Bride. This is a sport from Catherine Mermet, and is identical with that variety except in color. The flowers are very large, pure white, borne on long, stiff stems, and very lasting after being cut; fragrant. *t.*

White Bon Silene, pale lemon-yellow, shading to creamy-white; very fine. *t.*



POLYANTHA ROSES.

This class is a distinct one. For many purposes its varieties are excellent. They are continuously in bloom; desirable for house culture. The plants are of low growth, branching freely and commencing to bloom while the plants are yet small and continuing to bloom nearly all the time. There is no kind of rose which we can offer so willingly as a window plant. Those who have heretofore failed with roses in the house may take either one in this list with full confidence of success. The flowers are produced in clusters, and although not large, are very perfect and handsomely formed. They are also excellent for bedding out, producing a profusion of bloom, and requiring but slight protection for winter; per dozen \$1.50; each 15 cents.

IMPORTANT.—At these prices we pay postage or express charges, except where noted.

Rose, Clothilde Soupert. (Tea Polyantha.) This new Rose is the result of hybridizing the Tea Rose Mme. Damaizin with the Polyantha Mignonette, which gives this new variety the strong growth of the Tea class, added to the profuse flowering habit of the Polyantha. The flowers are of medium size, very double and beautifully formed; oval at first but flattening as they expand. The color is a pearly-white at outer edge, shading to a center of rosy-pink, sometimes varying in color to nearly pure white. Very fragrant, and a constant bloomer; a superb variety.



CLOTHILDE SOUPERT.

Little White Pet, very light pink or blush on opening, but changes to pure white; splendid for bedding or planting in the cemetery; perfectly hardy.
Mignonette, rose, changing to blush; clusters very large; flowers small and delicate.

This beautiful set of Polyantha Roses, 40 cents.
 For List of Hardy Roses, see page 69.

SALVIA (Flowering Sage).

Flumen: Salbei.

No plant grown gives us such a brilliant display of flowers in the autumn as the **Salvia**. Splendid for pot culture in the house; 15 cents each
Salvia splendens, the old scarlet variety.
Three for 40 cents; seven, enough for a very showy bed, 85 cents

TUBEROSE.

Tuberois.



The Tuberose is a beautiful, pure white, wax-like very sweet-scented, double flower, growing on tall stems, each stem bearing a dozen or more flowers. In cold latitudes, obtain tubers early, plant them in boxes of earth, and keep in a warm place in the house; when warm weather, transplant to the garden. Those who want this beautiful flower in early winter, can plant a few bulbs in pots in July or August, sink them to the rim in earth in the garden, where they can remain until the cool nights of

autumn, then remove to the house. Our Tuberoses are all of our own growing, and splendid bulbs.

New Dwarf Tuberose, "Pearl," per dozen 65 cents; half-dozen 35 cents; three tubers, 25 cents; each 10

PILOGYNE.

A beautiful, rapid-growing climber; excellent for screens or verandas; in fact for the latter it has no equal. Fine also for the house in winter. This plant, though so slender in appearance, makes a wonderful growth, forming a mass of foliage that will entirely cover a window or screen in a short time.
Pilogyne suavis, per dozen, \$2.00; each 20

IMPORTANT.—At these prices we pay the postage or express charges, except when noted.

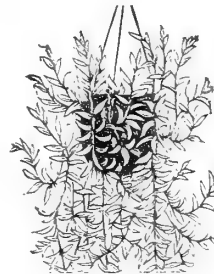
PETUNIA.



Few plants give better satisfaction where a mass of flowers is desired than the Petunia, especially the single varieties. They flower from the time they are planted in spring, until killed by frost. The double varieties are also excellent for bedding, but they do not produce their flowers in such wonderful profusion as do the single kinds. For pot culture they are among the most desirable plants we have. The flowers are beautiful, many of the varieties showing blooms that are as large and handsomely formed as the Camellia. A well grown plant is always in bloom.
Petunia, Double, per dozen \$2.00; 20 cents each.
Single, per dozen \$1.50; 15 cents each.

OTHONNA.

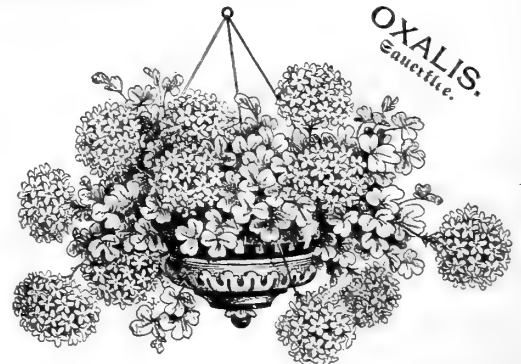
Othonne.



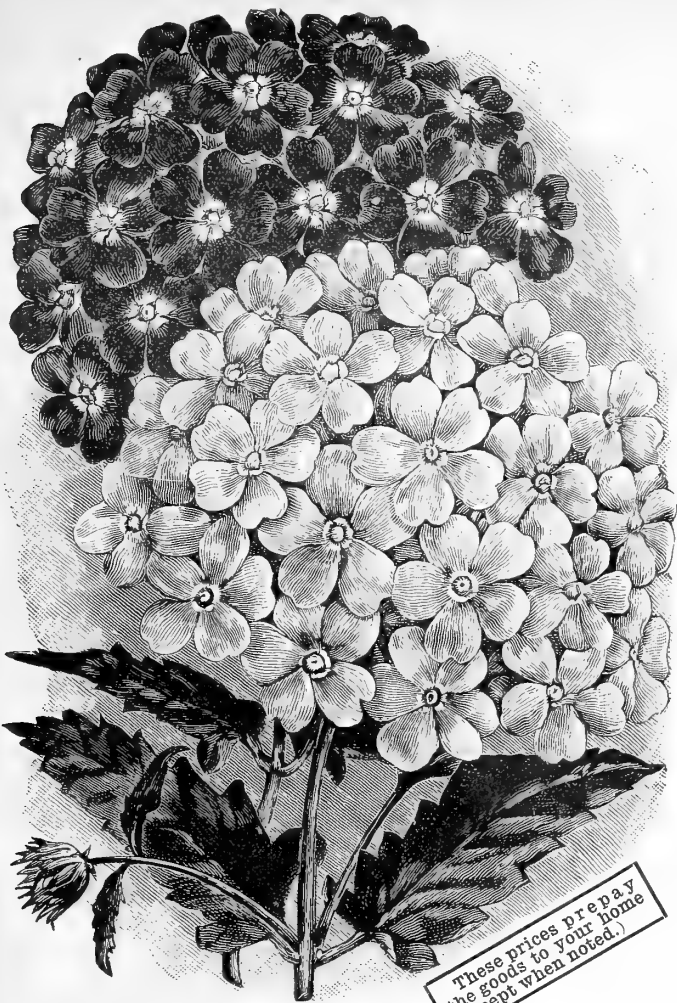
A charming basket plant, with cylindrical leaves and pretty star-shaped, yellow flowers, blooming almost constantly. Habit drooping, and should be always grown in a hanging pot, basket, or on a bracket. Its foliage is fleshy, like that of the Mesembryanthemum, but delicate and graceful, and makes a rapid growth.

Othonna crassifolia, plants, each 15
Two for 25 cents.

OXALIS. *Saxifrage.*



Ever blooming varieties, excellent for pots and baskets, leaves three-parted, flowers in clusters, half an inch or more in diameter.
Oxalis florabunda alba, per dozen \$1.00; each 10
rosea, per dozen \$1.00; each 10



VERBENA.

These prices prepay
the goods to your home
(except when noted.)

VERBENA.

Verbena.

In the following list we offer a choice selection of the finest New VERBENAS in the world. The individual flowers are of the largest size, often measuring an INCH IN DIAMETER. The trusses of these new varieties are also enormous, being nearly double the size of the older sorts.

No flowering plant will give better satisfaction for bedding out than the Verbena with its brilliant and continuous. It commences to flower and spread from the first day the plants are set until late in the autumn, every day becoming better and more handsome. A healthy plant will cover a space three feet in diameter.

- Verbena Alpha, deep purple.
- Cavalier, crushed strawberry.
- Cameo, beautiful pink, with distinct yellow eye.
- Cenotaph, clear white.
- Hector, bright scarlet, large white eye.
- Jockey, bright crimson.
- Lydia, purplish-magenta, white eye, fine.

- Verbena Magic, white, striped and blotched with blue.
- Modiste, a beautiful shade of heliotrope.
- Novice, fiery scarlet.
- Olio, white, striped and flaked with scarlet.
- Topsy, black, large white eye.

Named varieties, each 10 cents; per dozen \$1.00; per hundred \$7.00.

SEPARATE COLORS.

We have made the following selection of colors to accommodate those who wish plants for bedding purposes only, and are indifferent as to names. They are equally as good as our named sorts, but we grow them in such large quantities that it enables us to offer them at much lower rates. Plants, each 10 cents; per dozen 80 cents; per hundred \$6.00.

- | | | | |
|-------|---------|---------|----------|
| Red, | White, | Blue, | Scarlet, |
| Pink, | Purple, | Maroon, | Striped. |

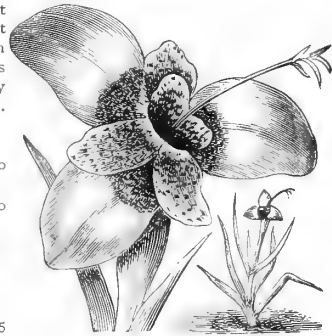
UNNAMED SORTS.

Fine assortment of colors. Plants, each, 8 cents; per dozen, 70 cents; per hundred, \$5.00.

TIGRIDIA.

Tigerblume.

The flowers of Tigridia are about four inches in diameter. Set about the middle of May, and take them up in October, dry for a few weeks in the air, and pack away in dry sand or sawdust, free from frost.



TIGRIDIA.

- Tigridia conchiflora, yellow and orange, with dark spots; 75 cts. per doz.; each . . . 10
 - pavonia, red, crimson spots; 75 cts. per doz.; each . . . 10
 - grandiflora alba, a beautiful variety, with large showy white flowers, marked at the base of each division with spots of a reddish brown color, on yellow ground; \$1.50 per doz.; each . . . 15
- The set, one each, 25 cents.

MISCELLANEOUS LIST.

- Amaryllis Johnsonii, an elegant pot plant, with crimson flowers five inches in diameter; each petal striped with white. Flower stalk two feet high, with clusters of three to five blooms; bulbs; each . . . 50
 - formosissima (Jacobean Lily), flowers dark crimson; 8 to 10 inches high. The bulbs are dormant during the winter . . . 25
 - Atamasco alba, flowers upright, with broad petals, pure white; each . . . 15
 - Achyranthes (plants with beautiful showy foliage for bedding). Lindeni, leaves dark blood red . . . 15
 - Cæsi, leaves large, green and yellow . . . 15
 - Camellias, fine plants, best assortment of colors; each . . . 75 to 50
 - Cuphea platycentra (Cigar Plant), tube of flowers scarlet, lip white and black . . . 15
 - Cyclamen Persicum. The Cyclamen is particularly adapted to window culture, it blooms abundantly and for a long time in the winter and spring. The flowers are borne on long stems above the foliage and are very showy; strong plants, each . . . 25
 - Calceolaria Creole Queen, brown maroon . . . 25
 - Shower of Gold, yellow . . . 25
 - Feverfew Little Gem, a new dwarf variety, growing only from eight to twelve inches in height. The flowers are large and of the purest white . . . 15
 - Ficus elastica, or Rubber Tree, with thick, shining, leathery leaves, ten inches long by three wide; an excellent and showy pot plant . . . 75 to 50
 - Madeira Vine, a beautiful climber, flowers white, small, in long racemes; roots, per doz. 75 cents; each . . . 10
 - Mahernia (Honey Bell), a fine foliated pot plant, of easy culture; bell-shaped flowers; fragrant . . . 20
 - odorata, yellow . . . 20
 - Oxalis lasiandra, this Oxalis is one of the prettiest plants we are acquainted with for borders of beds, edgings of walks, etc.; bulbs, per doz. 10 cents; per hundred . . . 50
 - Deppii, another excellent Oxalis for summer borders and edgings. It bears but few flowers, but the leaves are handsome enough to compensate for the lack of flowers; per pint, 50 cents; per half pint 25 cents; per dozen . . . 10
- One pint is sufficient for fifty feet of row.

- Pampas Grass, one of the most effective of the Ornamental Grasses. Its silvery plumes 8 to 10 feet high; perfectly hardy . . . 25
- Passiflora, or Passion Vine. These beautiful climbers are so varied in the marking and colors of their flowers, that it would be useless to attempt to describe them, therefore we merely give the predominating color of each variety. They are very desirable for the house or conservatory and succeed well with ordinary treatment. . . . 25
- Constance Elliot, nearly white; fine . . . 25
- Smithii, carmine . . . 25
- Pfordtii, purple . . . 25
- Pilea serpyllifolia (Artillery Plant), with very small pinkish-white flowers. When the flowers are ready to expand the least moisture causes them to burst . . . 20
- Rivina humilis, a beautiful little pot plant, with racemes of small white flowers, followed by scarlet berries . . . 20
- Rubus grandiflora (Double-flowering Blackberry). The flowers are large and pure white. An excellent plant for house in winter . . . 20
- Smilax, a popular and well-known climber, with beautiful foliage of a dark glossy green, used largely with cut flowers, particularly wreaths, etc. An excellent plant for parlor or window culture . . . 15
- Spider Lily (Pancratium Caribæum), numerous clusters of delicate pure white sweet scented flowers, remaining long in bloom . . . 30
- Tritoma Uvaria, flower stems grow from four to five feet in height, surmounted by a spike of curious red and orange flowers, a foot in length . . . 20
- Tradescantia Zebрина (Wandering Jew), a beautiful plant for hanging baskets, vases, or house culture, will endure hardships better than almost any other plant. Foliage dark green, with a silvery stripe . . . 20
- Veronica Blue Gem, dwarf, flowers light blue, in spikes 3 to 4 inches long . . . 20
- variegata, foliage margined with white . . . 20
- Vinca (Periwinkle.) Harrisonii, center of leaves marked with light green . . . 20
- major variegata, a rapid grower; leaves glossy green, marked with white . . . 20

Unless stated when plants are wanted they will be shipped about April 1st, weather permitting.

VEGETABLES.

"A field hath three needs: good weather, good seed,
and a good husbandman."

IN OUR VEGETABLE DEPARTMENT everything is tested before being packed, so that we know that all will grow if treated well. We have included almost every article of known value and have excluded everything our experience has proved unworthy of culture, as also some untried and not very promising kinds. As fast as new vegetables establish their good character we add them to our list, but exercise our usual caution in introducing new candidates for public favor, submitting all to thorough trials on our grounds.

MUCH OF OUR VEGETABLE SEED, and the most important, are grown upon our seed farms; other kinds we have grown for us by the most reliable growers in England, France, Germany, and other countries, and we have no hesitation in saying that altogether our Vegetable Seeds are not excelled, if equaled, by any collection in the world. We have endeavored to describe the different kinds so that their character and value may be understood, with such simple directions for culture, as with little care will ensure success.

The list of Vegetable Seeds is constantly increasing, and many of our customers are at a loss to know which is the best and most profitable to plant. We have, therefore, adopted the plan of describing in full all of those which we specially recommend, and of giving simply the names of other well-known varieties in condensed form. No mistake can be made in using those which we describe, as they have been tried and found of permanent value.

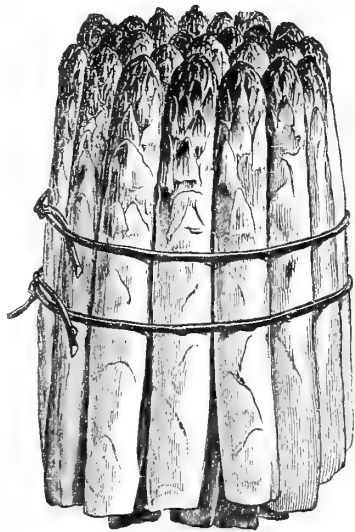
Any Novelties or Specialties in Vegetable Seeds offered by all reliable Seed houses, not listed here, can be included in our customers' orders, and we will furnish the same at regular advertised prices.

ASPARAGUS.

Spargel.

To grow Asparagus plants from seed, sow in drills, about one inch deep, and the rows wide enough apart to admit of hoeing—about a foot. An ounce of seed is sufficient for a drill thirty feet in length. Keep the soil mellow and free from weeds during the summer, and in the fall or succeeding spring the plants may be set out in beds, about a foot apart each way. The beds should be narrow, so as to permit of cutting to the center. Set plants about a foot apart, and crowns four inches below the surface, and spread the roots. Before winter, cover the transplanted beds with about four inches of manure. Salt is an excellent manure for Asparagus. Sow a little on the surface in the spring, and it will keep down the weeds. By purchasing plants a year at least of time is saved. The young tops may be cut for the table the second summer, but not very freely until the third.

Asparagus, Vick's Mammoth, per oz., 25 cents . . . 10



ASPARAGUS.

Roots—	{ 2 years, by mail, per 100, prepaid	\$2 00
	{ 2 years, by express, per 100, not prepaid	1 50
	{ 2 years, by express or freight, per 1000, not prepaid	12 00
Conover's Colossal, large, and of rapid growth; per lb. 50 cents; per oz. 10 cents		5
Roots—	{ 2 years, by mail, per 100, prepaid	1 50
	{ 2 years, by express, per 100, not prepaid	75
	{ 2 years, by express or freight, per 1000, not prepaid	6 00

Brocoli, Purple Cape, one of the hardiest and most popular varieties, and the most certain to form a good head; the earliest of the purple varieties; per lb. \$5.00; oz. 45 cents 10
Southampton, fine, hardy, large yellow variety—one of the old popular sorts, like Portsmouth, Sulphur, etc.; per lb. \$3.00; oz. 30 cents 5

ARTICHOKE.

Artichote.

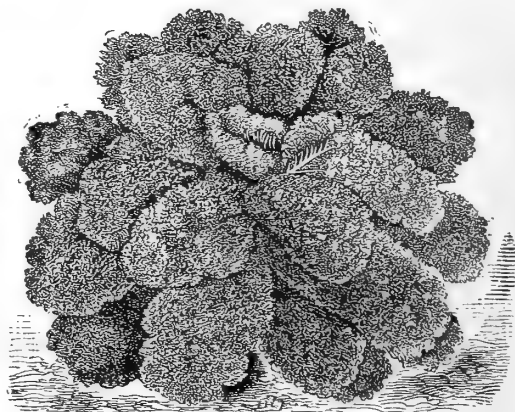
The Jerusalem Artichoke is a wonderfully hardy and productive plant, yielding roots in immense quantities. They are like potatoes in appearance, and if we had no potatoes would not make a bad substitute. It is good for all stock and is not bad for the table. Plant the tubers like potatoes, and enough is usually left to seed the ground for the next crop.

There is another Artichoke, very little grown in America, the Globe Artichoke. The portion used is the flower-head in an undeveloped state.

Artichoke, Jerusalem, per bushel \$4.00; per peck \$1.25, by freight or express, charges not prepaid; per quart, by mail or express, prepaid 40
Green Globe, seed per lb. \$3.50; per oz. 35 cents; per packet 10

BORECOLE, OR KALE.

Strausfohl.



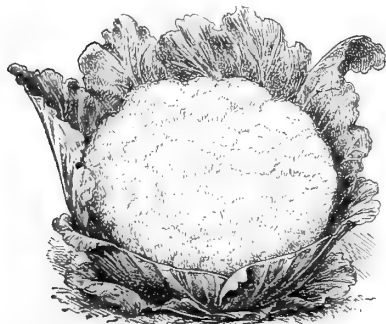
The Kales are more hardy than the Cabbage, and will endure considerable frost without injury. When cut frozen they are immediately placed in cold water. They do not form heads like Cabbage, but form abundance of pretty curly leaves, that are very ornamental and highly prized. The Kale furnishes abundant food for the cottagers of Europe, and when well grown and properly prepared is good enough for any one. Culture same as for Cabbage.

Borecole, or Kale, Dwarf German Greens, or Sprouts, bright green, resembles Ruta Baga tops, and of fine flavor. Sow in rows about a foot apart, in September, and gather in early spring, like Spinach; per lb. \$1.00; per oz. 10 cents 5

Dwarf Green Curled Scotch, dwarf; beautifully curled and bright green; hardy, and may be cut from the ground all the early part of winter; per lb. \$1.00; per oz. 10 cents 5

Dwarf Purple Kale, like Scotch Kale, except in color, but more hardy; per lb. \$1.25; per oz. 15 cents 5

Tall Green Curled Scotch, finely curled; very hardy; one of the best; per lb. \$1.00; per oz. 10 cents 5

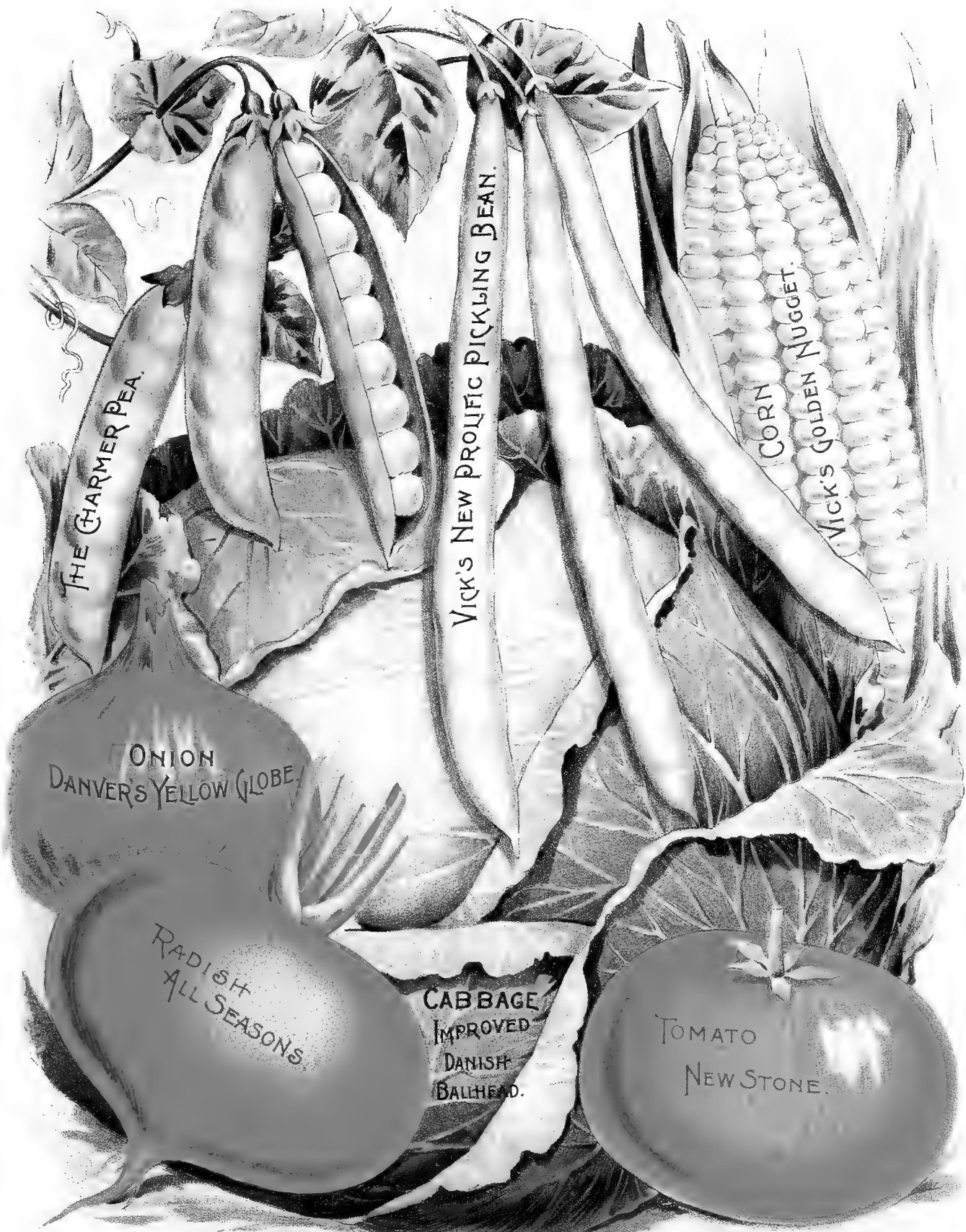


BROCOLI.

Broccoli.

Brocoli resembles the Cauliflower; indeed, it is hardly possible to distinguish the difference. Brocoli, however, is the most hardy, and in many sections of our country would not suffer in winter, but it dislikes severe summer heat more than cold; and to succeed, it would be necessary to grow late plants, and set them out after the extreme heat of summer is past. Treated in this way we do not know why we cannot have Brocoli.

IMPORTANT.—At prices quoted we deliver to your door, unless otherwise noted.



One Packet each of

Wm. C. Cresson & Co. JAMES VICK'S

The above Collection for 50¢.

BEANS.

Bohnen.

BEANS like a dry and rather light soil, though they will do well in any garden soil if not planted too early in the spring. Dwarfs are earliest and most hardy, as a general rule. In garden culture Beans are generally planted in rows eighteen inches apart, and three inches apart in the row; in field culture, in drills, so as to cultivate with horse one way. Running Beans are planted in hills two or three feet apart.



PROLIFIC GERMAN WAX.

DWARF WAX BEANS.

- Beans, New Prolific German Wax, an improvement on the old Wax or Butter, having longer, rounder, straighter pods, and being much more prolific; per pint 30 cents; per quart 50 cents 10
- Black-Eyed Wax, very early, very tender, and of excellent quality; per pint 30 cents; per quart 50 cents 10
- Improved Golden Wax, an early, stringless Bean, of golden wax color and excellent quality; per pint 25 cents; per quart 45 cents 10
- Wardwell's Kidney Wax, extra early; long, flat, waxy pods; remarkably free from rust; per pint 25 cents; per quart 45 cents 10
- Yosemite Mammoth Wax, so named on account of its enormous size. The pods are of a rich golden color, eight or nine inches in length, with the thickness of a man's finger, nearly all solid pulp, and absolutely stringless. Enormously productive; per pint 35 cents; per quart, 65 cents 10
- Flageolet Wax, Ivory Pod Wax, Bismarck Black Wax, Crystal White Wax, Golden Eyed Wax, Refugee Wax, Speckled Wax, Saddle Back Wax.

Each, per pint 25 cents; 45 cents per quart; 10 cents per package.

GREEN POD DWARF SNAP BEANS.

- Vick's New Prolific Pickler. See Novelty pages.
- Extra Early Red Valentine, early and tender for String Beans; per pint 25 cents; per quart 40 cents 10
- Long Yellow Six Weeks, one of the best green-podded varieties. Early, tender, stringless; per pint 25 cents; per quart 40 cents 10
- Early Mohawk, an early, hardy, productive String Bean; per pint 25 cents; per quart 40 cents 10
- Extra Early Refugee. This new variety has all the good qualities of the well-known Refugee, with the advantage of being ready for use ten days earlier; per pint 25 cents; per quart 40 cents 10
- Miller's Round Yellow, Broad Windsor, Emperor William, Dwarf Horticultural, White Marrow, White Kidney or Royal Dwarf, Boston Small Pea.

Each, per pint 25 cents; 40 cents per quart; 10 cents per package.

Horticultural Lima Bean. This is a true cross between Dreer's Pole Lima and Dwarf Horticultural. For good quality, extreme earliness, hardness, flavor, and prolificacy it excels. It is fully three weeks earlier than any other Lima and can be grown successfully in the North and in Canada where no ordinary Lima will mature. For an early green shell pole bean it has no equal; per pkt. 10 cents; per pint 55 cents; per quart \$1.00.

Old Homestead. (Kentucky Wonder.) In our opinion this is far ahead of any other green Pole Bean. It is at least ten days earlier than any other green sort, being fit for the table by the first of August. It is enormously productive, entirely stringless, and the pods, though large, cook tender and delicious. We can recommend it as the best pole bean to plant for snaps; per packet 10 cents; per pint 35 cents; per quart 60 cents.

POLE, OR RUNNING BEANS.

- Early Golden Cluster Wax.** A very vigorous and productive variety; pods long, flat, very white, tender, and of good quality; the earliest of the Pole Beans; per pint 35 cents; per quart, 65 cents 10
- Extra Early Lima** does not differ materially from the common sorts, except in earliness; in this it has the advantage of from ten days to two weeks; per pint 30 cents; per quart 50 cents 10
- "King of the Garden" Lima Bean** is a very vigorous grower, requiring but two vines to each pole. They set their pods early at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. Many of the pods measure from five to eight inches and contain five, six, and seven perfect formed Beans to the pod, of superior edible quality, unexcelled by any that has come to our notice during a practical experience in Bean culture of twenty years; per pint 30 cents; per quart 50 cents 10
- Dreer's Improved Lima**, earlier and more productive than the old sort, though the seeds are smaller; per pint 30 cents; per quart 50 cents 10
- Giant Wax**, thick, fleshy, creamy-yellow, waxy-looking pods, tender and excellent as a Snap Bean; productive, keeping in bearing a long time; seeds red; per pint 30 cents; per quart 50 cents 10
- London Horticultural or Speckled Cranberry, Small Lima or Sieva, Large White Lima, Southern Prolific, Dutch Case Knife, Crease Back, Scarlet Runner.

Per pint 25 cents; per quart 40 cents; per packet 10 cents.

DWARF BUSH LIMA BEANS.

- Burpee's Bush Lima, per pint 55 cents; per quart \$1.00; per packet 10 cents.
- Dreer's Bush Lima, per pint 55 cents; per quart \$1.00; per packet 10 cents.
- Henderson's Bush Lima, per pint 30c.; per quart 50 cents; per packet 10 cents.

For full particulars of Bush Lima's, see Novelty Pages.

BRUSSELS SPROUTS.

Roientohl.

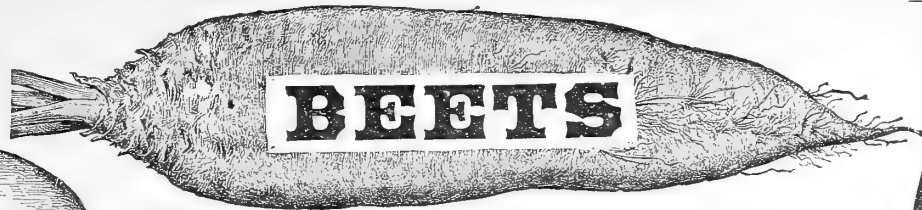
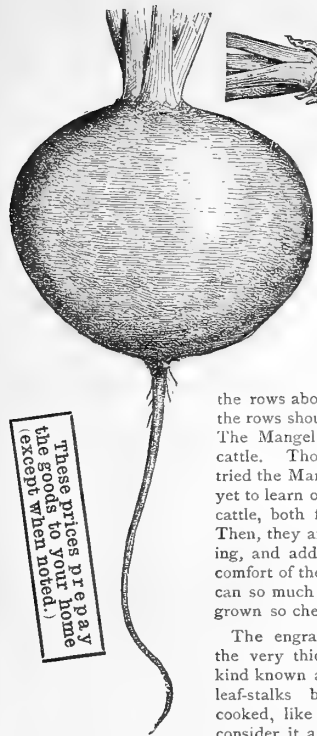
The culture for Brussels Sprouts is the same as for Cabbage. If early plants are raised in a hot-bed, they will perfect themselves in September, in the north, and a later sowing should be made in the open ground, that will be in perfection about the time winter commences. These should be taken up and placed in a good cellar, with the roots in earth where they will remain fit for use during the winter. Where the winters are not very severe they may remain in the open ground, to be cut as needed; per lb. \$1.75; per oz. 15 cents; per packet 5 cents.



IMPORTANT.--At prices quoted we deliver to your door, unless otherwise noted.

GOLDEN TANKARD, MANGEL WURZEL.

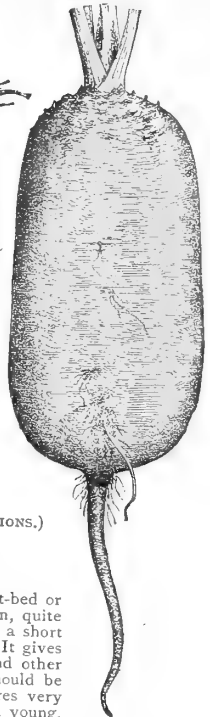
ECLIPSE BEET.



BEETS

MAMMOTH LONG RED MANGEL WURZEL.

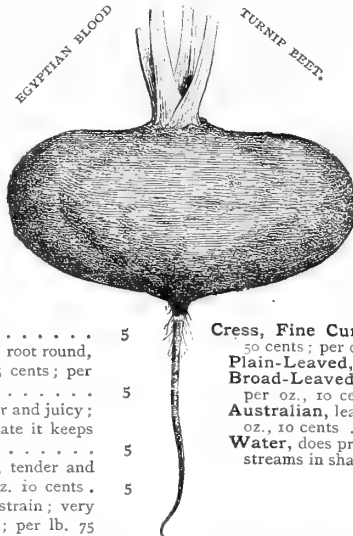
Rothe Rüben.



The Beet is a valuable vegetable, both for the table and for stock. If seed is sown pretty thickly in drills in the early spring the plants can be thinned out and prepared for the table, like Spinach, as soon as they become a few inches in height, for a month or more until the roots become as large as Radishes, both roots and leaves being excellent. When a little larger, the roots can be cooked alone, and in this way are used until winter, when those remaining should be stored away in a cold cellar, or pit, covered with earth. In this way they will keep till spring.

For Beets, the soil should be rich, mellow and deep. Plant in drills, about two inches deep and the rows about twelve or fifteen inches apart. Set the seeds in the drills about two inches apart. For field culture the rows should be wide enough to admit the horse cultivator and the roots not nearer than one foot in the rows. The Mangel Wurtzels grow to a large size, are coarse, and wonderfully productive, making excellent food for cattle. Those who have never tried the Mangels for stock, have yet to learn of the great value for cattle, both for milk and meat. Then, they are juicy and refreshing, and add to the health and comfort of the animals. In no way can so much good cattle food be grown so cheaply as in Mangels.

The engraving below exhibits the very thick leaf-stalks of the kind known as Swiss Chard, the leaf-stalks being eaten when cooked, like Asparagus, and we consider it a great luxury.



EGYPTIAN BLOOD

TURNIP BEET.

CHIVES. (SEE ONIONS.)
CRESS.
Kresse.

Cress should be sown in a hot-bed or in a sheltered spot in the garden, quite thick, in shallow drills, and in a short time it will be fit for cutting. It gives a pungent relish to Lettuce and other salad plants. A fresh lot should be sown every week, as it matures very rapidly and is useful only when young. In olden times it was quite a fancy with the children, and some older people, to sow Cress so as to form a name or design, which it will do very soon, as it is of very quick growth.

- Beet, Egyptian Blood Turnip, the earliest variety grown and valuable on this account; not very productive; per lb. 75 cents; per oz. 10 cents 5
- Eclipse, a standard variety, about as early as the Egyptian; root round, dark red, smooth, top small; quality excellent; per lb. 75 cents; per oz. 10 cents 5
- Extra Early Turnip Bassano, an early, good Beet, tender and juicy; flesh white and rose; grows to a good size; when sown late it keeps well in the winter; per lb. 60 cents; per oz. 10 cents 5
- Improved Early Blood Turnip, turnip shaped, smooth, tender and good; about ten days after Bassano; per lb. 60 cents; oz. 10 cents 5
- Edmand's Early Blood Turnip. A market gardener's strain; very regular in shape; deep blood skin and very dark flesh; per lb. 75 cents; oz., 10 cents 5
- Imperial Sugar, one of the sweetest and best Sugar Beets; per lb. 40 cents; oz. 10 cents 5
- Red-top Sugar. Matures earlier than any other variety of Sugar Beet, and yields the largest returns in sugar per acre; heavy cropper; per lb. 40 cents; oz. 10 cents 5
- Henderson's Pineapple, Bastian Early Turnip, per lb. 40 cents; oz. 10 cents 5
- Dewing's Early Turnip, Early Yellow Turnip, per lb. 40 cents; oz. 10 cents 5
- Long Blood Red, Lentz Turnip, per lb. 40 cents; oz. 10 cents 5

- Cress, Fine Curled, superior; will bear cutting several times; per lb., 50 cents; per oz., 10 cents 5
- Plain-Leaved, tender; per oz., 50 cents; oz., 10 cents 5
- Broad-Leaved Garden, sometimes used for soups; per lb., 50 cents; per oz., 10 cents 5
- Australian, leaves delicate green, flavor mild and fine; per lb., 80 cents; oz., 10 cents 5
- Water, does pretty well in moist situations, but better on the edges of streams in shallow water; per lb., \$4.00; oz., 40 cents; 1/2 oz., 25 cents 10

CHICORY.
Chicorie.

Sow Chicory seed in the spring, in drills half an inch deep, and in good mellow soil; the after culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The principal use of Chicory, however, is as a substitute for Coffee. The roots are cut and dried, and then roasted for adulteration with Coffee. An ounce of seed will sow about 100 feet of drill, and from 2 to 3 lbs. an acre.

- Chicory, Large-Rooted Long Madsberg, per lb., \$1.25; oz. 10

USED FOR LEAVES AND LEAF-STALKS ONLY.

- Beck's Improved Sea Kale, a variety of Beet with beautiful, tender leaves, popular for cooking as "greens;" per lb. 50 cents; oz. 10 cents 5
- Swiss Chard, Large Ribbed Scarlet Brazilian, per lb. 90 cents; oz. 10 cents 5
- Swiss Chard, Large Ribbed Yellow Brazilian, per lb. 90 cents; oz. 10 cents 5
- Swiss Chard, Large Ribbed Silver, per lb., 50 cents; oz. 10 cents 5

MANGEL WURZELS—USED FOR CATTLE.

- Golden Giant. New. (For description, see colored pages.) Per lb. 60 cents; oz. 10
- Vick's Mammoth Long Red, of very large size and good quality; one of the best stocks of Long Red Mangel in cultivation; per lb. 50 cts., oz. 10
- Improved Orange Globe, the very best round Mangel; keeps better than the Long Red, and is better adapted for growing in shallow soils; per lb. 50 cents; oz. 10
- Golden Tankard, a new and exceedingly one variety; particularly valuable on account of its milk producing qualities; flesh deep yellow; per lb., 50 cents; oz. 10
- Elvenham Long Yellow, Red Globe, Olive Shaped Red. 50 cents per lb.; 10 cents per oz.



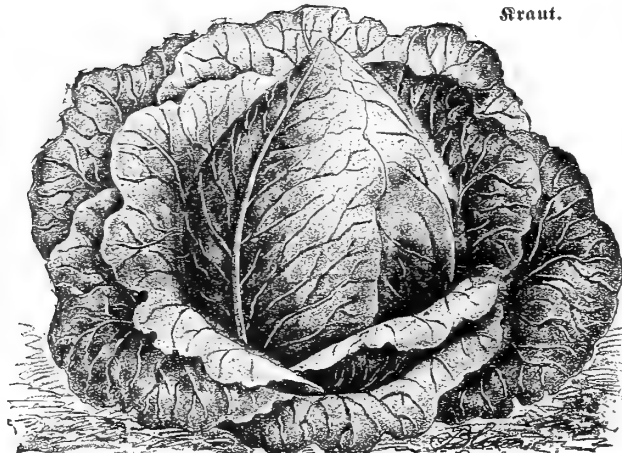
SWISS CHARD.

IMPORTANT.--At prices quoted we deliver to your door, unless otherwise noted.

CABBAGE.



Straut.



EARLY WAKEFIELD.



ALL SEASONS.

THE Cabbage requires a deep, rich soil, and thorough working. For early use, the plants should be started in a hot-bed or cold frame; but seed for winter Cabbage should be sown in a seed-bed, early in the spring. Some of the large late varieties seem to do best if the seed is sown in the hills where they are to remain, and in that case sow two or three seeds where each plant is desired and then pull up all but the strongest. Plant the large varieties three feet apart; the small, early sorts, from a foot to eighteen inches. The Savoy Cabbages have wrinkled leaves and are of fine flavor, especially after a little frost has touched them in the autumn. Some gardeners grow plants for early summer Cabbage in a frame in autumn. Insects have been exceedingly troublesome to Cabbage in many sections of late years. See advertisement of Vick's Exterminator. Growers must try for a rapid growth, and wage a constant warfare against the enemy.

Cabbage Extra Early, a very early sort, producing medium sized heads, very sharply pointed; per lb. \$2.00; oz. 20 cents 5

Early Wakefield, the great favorite with market gardeners; the earliest and sure to head. The seed is true and the best; per lb. \$3.00; per oz. 30 cents; per 1/2 oz. 20 cents 10

Early Summer. A popular sort with the Long Island market gardeners. It follows the Wakefield and resembles the Early Flat Dutch; should be sown in a hot-bed in February or March, as when sown in the fall and wintered over, the plants inclined to run to seed; per lb. \$3.00; oz. 30 cents; 1/2 oz. 20 cents 10

All Seasons. A new and very superior sure heading variety. May be planted early or late, as it forms large and very solid heads quickly. Quite excellent. Per lb. \$3.00; oz. 30 cents; 1/2 oz. 20 cent. (See cut at head of page) 10

Winningsstadt. A fine early variety, sugar-loaf in form, one of the best summer sorts; if sown late, good for fall or even winter; per lb. \$2.00; oz. 20 cents 5

Fottler's Improved Brunswick. One of the very best second-early sorts. Heads large, flat, solid, and of excellent quality; stems very short; per lb. \$2.25; oz. 25 cents; 1/2 oz. 15 cents 5

Improved Danish Ballhead Winter, the favorite Cabbage of Denmark, and shipped in immense quantities to London and other large cities, where it commands a high price. In season about the same time as Fottler's Brunswick; heads globular in shape, of medium size, and remarkably hard and heavy; per lb. \$4.00; oz. 35 cents; 1/2 oz. 20 cents 10

Louisville Drumhead. A variety grown largely by market gardeners in the Southwest. It stands hot weather better than most other sorts, and is a sure cropper; resembles Premium Flat Dutch; per lb. \$2.50; oz. 25 cts. 1/2 oz. 15 cents 10

Premium Flat Dutch, heads well and keeps over finely; per lb. \$2.50; oz. 25 cents; 1/2 oz. 15 cents 5

Large Flat Dutch, good for fall or winter crop, resembling the Drumhead; per lb. \$1.50; oz. 15 cents 5

Perfection Drumhead Savoy. This is a variety which the market gardeners in the neighborhood of New York think they have so much improved as to entitle it to a name. It is from the old Drumhead Savoy; per lb. \$2.50; oz. 25 cents; 1/2 oz. 15 cents 5

Early Blood Red, early variety; fine winter Cabbage if sown quite late in open ground; per lb. \$3.00; oz. 30 cts; 1/2 oz. 20 cents 10

Large Late Blood Red, for pickling; per lb. \$2.00; oz. 20 cents 5

Mammoth Rock Red. This is by far the best, largest and most reliable heading red Cabbage ever introduced. The head is large, round, very solid and of a deep red color; per lb. \$4.00; per oz. 40 cts.; 1/2 oz. 25 cts. 10

OTHER STANDARD VARIETIES OF CABBAGE.

Henderson's Succession, Newark Early Flat Dutch, Each \$3.00 per lb.; 30 cents per oz.; 20 cents per one half oz.; 10 cents per pkt.

Large Late Drumhead, Excelsior Large Flat Dutch, Mammoth Drumhead, Filderkraut, Stone Mason Marblehead.

Each \$2.50 per lb.; 25 cents per oz.; 15 cents half ounce.; 5 cents per packet.

Large French Oxheart, Early Dwarf York, Large York, Early Dwarf Ulm Savoy, Dwarf Green Curled Savoy.

Each \$1.50 per lb.; 15 cents per oz.; 10 cents per half ounce; 5 cents per packet.



EARLY SUMMER.

COLLARDS.

Collards, well known and prized at the South, and so nicely adapted to the Southern climate; per lb. \$1.00; oz. 10 cents 5

IMPORTANT.--At prices quoted we deliver to your door, unless otherwise noted.

CARROTS.

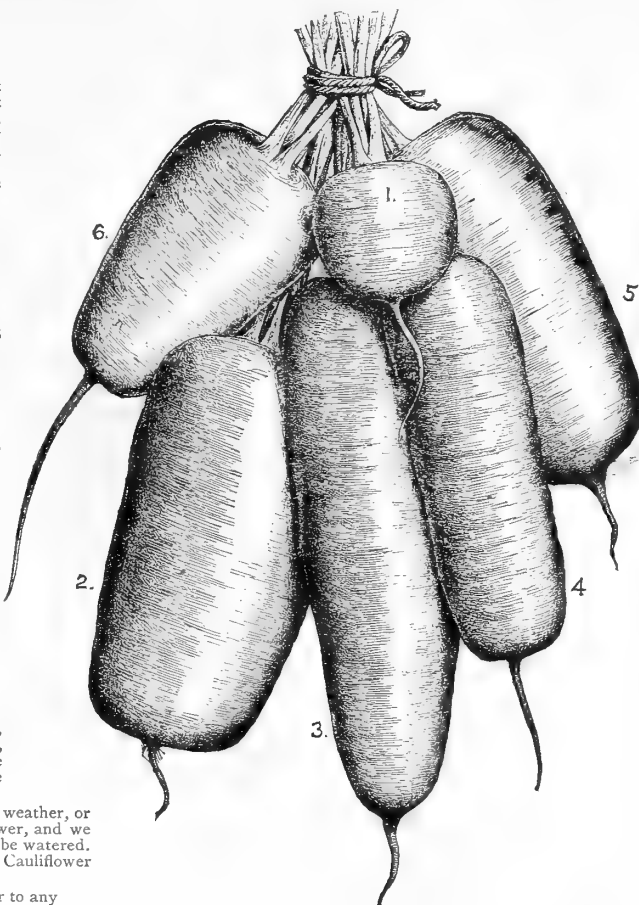
Gelbe Rüben.

The carrot should always be furnished a good, deep, rich soil. Sow in drills about an inch deep, the drills about a foot apart; and at thinning, the plants should be left from four to ten inches apart, according to kind. The short kinds are finest grained, best adapted for table use, can be had very early, and may be allowed to grow very thickly upon the ground. The large sorts are admirable for all kinds of stock, and nothing is more relished by horses in winter, and nothing is more healthful for them. Some prefer the short kinds, even for stock, as they are so easily gathered, and give such a good crop.

- Carrot, **Early Short Horn**, small; fine for table; per lb. \$1.00; oz. 10 cents. (See engraving, fig. 6) 5
- Chantenay Stump-Rooted**. This new variety is midway in shape between the Nantes Half-Long Stump-Rooted Carrot and the Guerande or Oxheart variety, nearly equaling the former in length, and having the broad shoulder and tapering root of the latter. Tested in our grounds, it yielded a greater bulk than any other variety, and was particularly noticeable for its smoothness and regularity of surface; per lb. \$1.25; oz. 10 cents. (Fig. 5) 5
- Guerande, or Oxheart**. This variety has given great satisfaction. While not attaining one-half the length of many other varieties, it will compare favorably in bulk of crop, as on good land it will produce Carrots four to six inches in diameter. The crop can also be readily pulled, while the longer sorts require digging; per lb. \$1.25; oz. 15 cents. (Fig. 2) 5
- Half-Long Scarlet Stump-Rooted**, larger than Short Horn, and a desirable table variety; per lb. \$1.00; oz. 10 cents. (Fig. 4) 5
- Danvers Orange**, a first-class half-long variety; flesh dark orange; very productive; per lb. \$1.00; oz. 10 cents. (Fig. 3) 5
- Improved Long Orange**, the old standard variety; per lb. \$1.00; oz. 10 cts. 5

OTHER STANDARD VARIETIES.

- Early Forcing, Fig. 1. Long Red Coreless. Altringham.
- Half-Long Scarlet Pointed Rooted, Half Long Scarlet Carentan.
- Each \$1.00 per lb.; 10 cents per oz.; 5 cents per pkt.
- Orange Belgian Green Top. Giant White Belgian Green Top.
- Each 80 cents per lb.; 10 cents per oz.; 5 cents per pkt.



CAULIFLOWER.

Blumenkohl.

The Cauliflower delights in a rich soil and abundance of water. By sowing the early varieties in the spring, in a hot-bed or cold-frame, or even in an open border, they can be obtained in pretty good season. For late Cauliflower, sow seed in a cold, moist place, on the north side of a building or tight fence, in this latitude about the first of May, and they will not be troubled with the little black beetle, so destructive to everything of the Cabbage tribe when young.

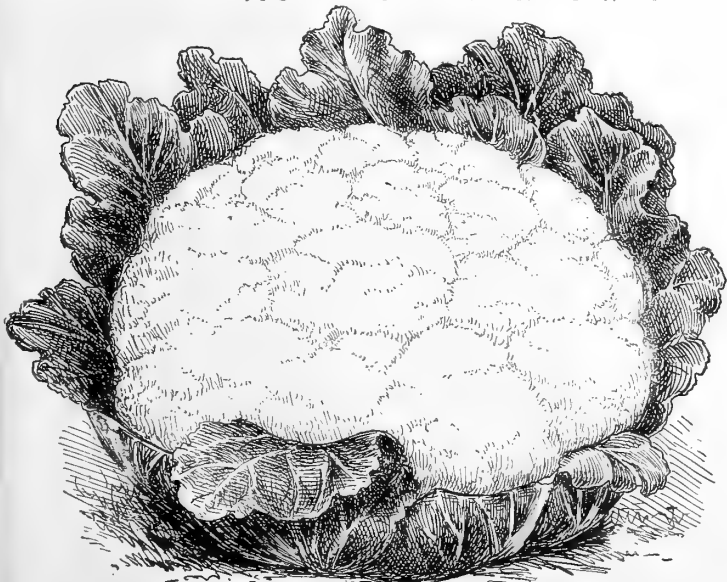
Do not allow the plants to become crowded in the seed-bed. Transplant in moist weather, or shade the newly set plants. A moist atmosphere and a rich soil suit the Cauliflower, and we must try to secure this as well as we can. In a dry time Cauliflower plants must be watered. Any person who has good deep muck, partially drained, we think, can raise good Cauliflower with little trouble.

Cauliflower, Vick's Ideal. This variety, introduced a few years since as superior to any other variety for *reliability of heading and size and solidity of heads*, has, by innumerable trials in all parts of the country, established the claims then made for it, and it stands to-day as the leading variety for market and for private use. The plants are very dwarf, and while the outer leaves are erect the inner ones lap over the heads in such a manner that they are fully shaded from the sun, preserving them a beautiful snowy white. The plants can be set closely, and they grow and mature rapidly under favorable conditions. Also shown in novelty page. Per oz. \$6.00; per 1/2 oz. \$3.00; per 1/4 oz. \$2.00 . . . 35

- Cauliflower, Early Snowball**, one of the earliest varieties, and very reliable for heading. Its dwarf habit and short outer leaves allow it to be planted very close—18 to 20 inches apart; per oz. \$3.00; 1/2 oz. \$2.00; 1/4 oz. \$1.25 20
- Erfurt Earliest Dwarf**, low, with pure white curd; one of the best and surest to head; per oz. \$3.50; 1/2 oz. \$2.00; 1/4 oz. \$1.00 20

OTHER STANDARD VARIETIES.

- Early Paris, 75 cents per oz.; 40 cents 1/2 oz.; 10 cents per pkt.
- Italian Giant, 60 cents per oz.; 35 cents 1/2 oz.; 10 cents per pkt.
- Algiers, 75 per oz.; 40 cents 1/2 oz.; 10 cents per pkt.
- Lenormand's Short-Stemmed, 75 per oz.; 40 cents 1/2 oz.; 10 cents per pkt.



SNOWBALL CAULIFLOWER.

The:Best:of:15:Varieties

"MAGGIE MURPHY"

—AND—

"AMERICAN WONDER."

Out amongst the mountains of Colorado, near Denver, there is a farm known as the "Grand View Fruit Farm." It is owned by two progressive men, Messrs. Hoover & Moore, who make a specialty of growing and shipping choice fruits and vegetables.

They write, October 9th, 1893: "We had fifteen varieties of potatoes on trial this year, and your 'Maggie Murphy' and 'American Wonder' are the best of them all. They are certainly the best late potatoes we have ever grown. First-class for the table and immense yielders."

The same reports come from all States.

IMPORTANT.--At prices quoted we deliver to your door, unless otherwise noted.

CELERY.

Celeric.

Sow seeds in a hot-bed or cold frame. As soon as the plants are about three inches high transplant to a nicely prepared bed in the border, setting them four or five inches apart. When some eight inches high, and fine, stocky plants, set them in the trenches. Earth up a little during the summer, keeping the leaf stalks close together, so that the soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up in moist weather, nor when the plants are moistened with dew.

To preserve Celery for winter, dig trenches a foot in width and as deep as the tops of the plants. Stand the Celery in these, erect, as they grow, with what dirt adheres to the roots, packing closely but not crowding. After the trench is filled it should be covered with straw or leaves as a protection from frost. Do not cover until the weather becomes quite cold, and then only a little at a time, as the cold becomes greater. Celery will bear a good deal of frost. The trench must have good drainage.

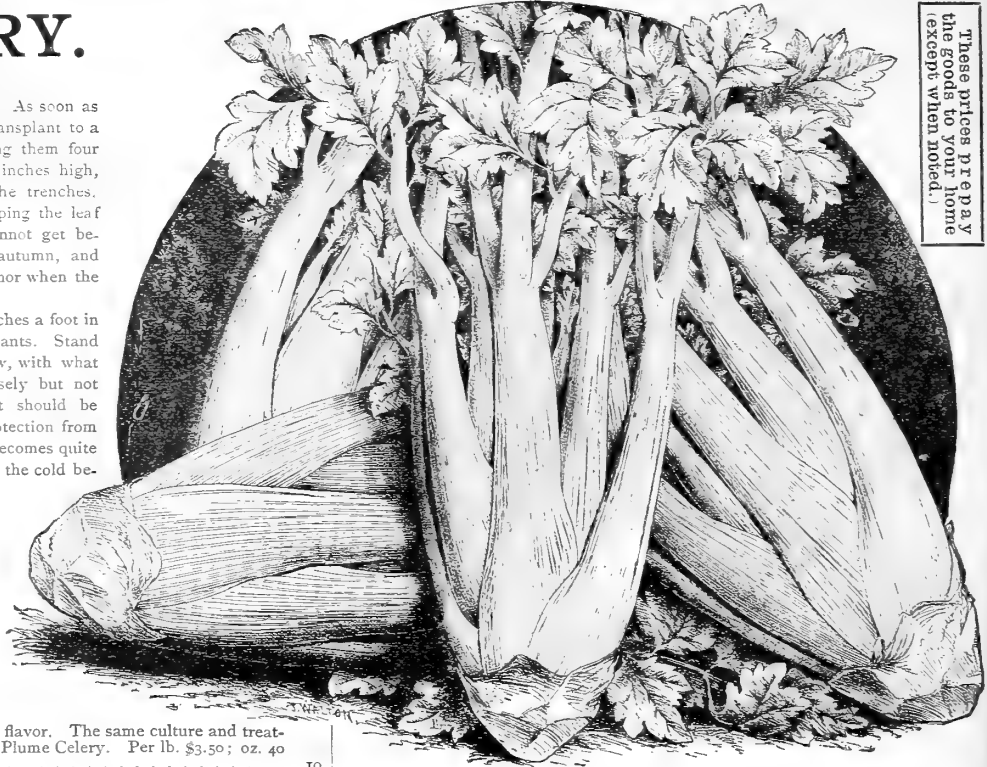
Celery, Dwarf Golden Self-Blanching. This is a variety of Celery of French origin. We have tested it in our experimental grounds for several years, and endorse it as a valuable acquisition. It is of dwarf habit and very stocky; stalks very uniform in height, growing compactly; color of majority of stalks and leaves a rich golden yellow. In quality we have found it unexcelled being solid, tender, crisp, and rich in flavor. The same culture and treatment will apply to it as to the White Plume Celery. Per lb. \$3.50; oz. 40 cents; 1/2 oz. 25 cents

White Plume, a variety specially adapted to cultivation by amateurs, as its inner stalks and leaves are naturally white, and do not require blanching by the old process of high banking. By simply tying up the stalks and drawing up the soil with the hoe the work of blanching is complete. It is ornamental, tender, crisp, and of good flavor, but not a good keeper. Per lb. \$2.75; oz. 30 cents; 1/2 oz. 20 cents

Dwarf Golden Heart, half dwarf; silvery white with waxy, golden yellow heart; perfectly solid, of excellent flavor, and a good keeper; per lb. \$2.50; oz. 25 cents; 1/2 oz. 15 cents

New Rose. The red Celeries are hardier and better keepers than the white and yellow sorts, and are of superior quality. The New Rose has all the qualities of the red sorts, while its delicate pink color gives it a handsome appearance. Per lb. \$3.00; oz. 30 cents; 1/2 oz. 20 cents

Celery, Turnip-Rooted (Celeric), forming Turnip-Shaped bulbs, of Celery flavor; per lb. \$2.00; oz. 20 cents



DWARF GOLDEN SELF-BLANCHING.

OTHER STANDARD VARIETIES.

Turner's Incomparable Dwarf White, Laing's Mammoth Red, Sandringham Dwarf White, Carter's Incomparable Dwarf Crimson.

Henderson's Dwarf White, Crawford's Half Dwarf White, Boston Market.

Each \$2.00 per lb.; 20 cents per oz.; 5 cents per packet.

New Giant Paschal, \$2.50 per lb.; 25 cents per oz.; 5 cents per packet.

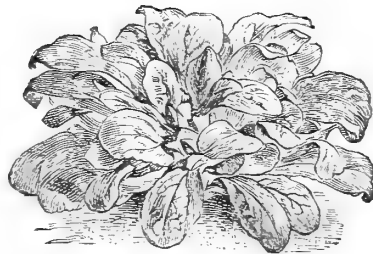
Old seeds for flavoring, excellent, 40 cents per lb.; 10 cents per oz.

CORN SALAD.

Kohlsalat.

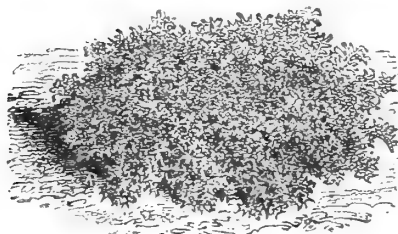
A favorite salad plant in Europe. Sown in August, and protected with a few leaves during winter, it can be gathered very early in spring. Sown in April, it is soon fit for use. The leaves are sometimes boiled and served as Spinach.

Corn Salad, per lb. 65c.; oz. 10 cents



ENDIVE.

Endivic.



Endive is an excellent autumn and winter salad. Sow seed late in the spring, or even as late as July, in shallow drills, and when plants are strong thin out to about a foot apart.

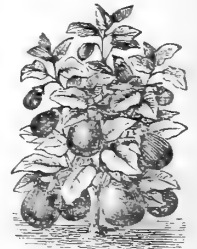
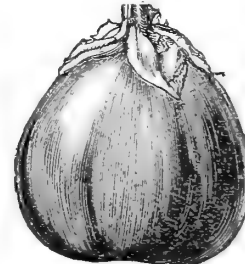
Endive, Moss Curled, per lb. \$1.50; oz. 15c.
Green Curled, per lb. \$1.50; oz. 15 cents
White Curled, per lb. \$1.75; oz. 20 cents

Batavian, per lb. \$1.50; oz. 15 cents

EGG PLANT.

Eierpflanze.

A tender plant requiring starting in the hot-bed pretty early to mature its fruit in the Northern States. The seed may be sown with Tomato seed; but more care is necessary at transplanting, to prevent the plants being chilled by the change.



NEW YORK PURPLE.

Those who have no hot-beds can sow a few seeds in boxes in the house. Hand-glasses are useful for covering at time of transplanting.

Egg Plant, Early Long Purple, eight or nine inches long, productive; per lb. \$1.75; oz. 20 cents
Round Purple, medium size; per oz. 25 cents
Improved New York Purple, very large and fine, the best; per oz. 50 1/2 oz. 30 cents
Black Pekin, per oz. 50 cents; 1/2 oz. 30 cents

IMPORTANT—At prices quoted we deliver to your door, unless otherwise noted.

These prices prevail the goods to your home (except when noted.)

SWEET CORN.

Welschform oder Mais.



BELOW we give the earliest, medium and latest varieties of Sweet Corn. The engravings show different varieties, both as to form and comparative size, as nearly as possible, as it is possible to do so in engravings of this character. Sweet Corn should not be planted very early in the season, for it will not make any progress until the weather is warm and will be very likely to rot. It will decay in places where our common field corn will grow, and the sweeter and purer the less hard-ship it will bear. Always select a warm soil for Sweet Corn, if possible, especially for the early varieties, as the difference in soil and exposure will make at least a week's difference in the time of maturity, besides insuring a crop. We have taken the greatest possible pains to secure very choice Sweet Corn.

Corn, Vick's Earliest of All. This is in fact the "earliest of all;" very excellent, tender and sweet. Introduced last year, it pleased the limited number who were able to get it. Similar in appearance to the Cory, but is superior in quality, ripening a week to ten days before the Cory; pint 30c.; qt. 50 c.; pkt. 15 c. See illustration.

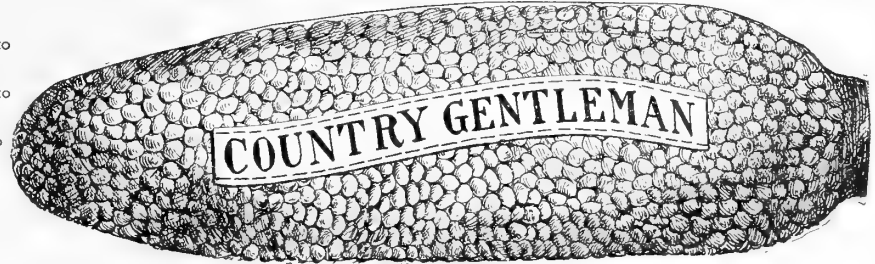
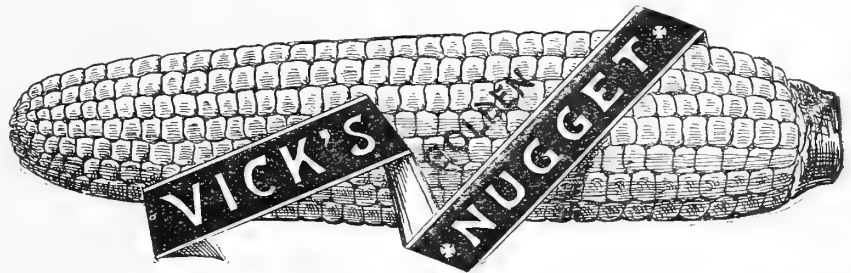
Early Minnesota, one of the best very early sweet varieties we have ever tried. Plant rather dwarf, ears fine for so early a variety, and of good quality; per pint 20 cts.; per quart 35 cents

Perry's Hybrid Sugar, the largest Early Sweet Corn that we have ever seen. Ears ready for use a few days later than the Early Marblehead, and before the Minnesota, but of double the size of either of these varieties, the ears being twelve-rowed, and sometimes fourteen. The kernels are large and tender, and deliciously sweet; stalks of great vigor, growing about six feet high, with two perfect ears to a stalk; per pint 25 cents; per quart 40 cents 10

Russell's Prolific, a very superior early variety, the sweetest of the very early sorts. Ears 8 to 10 inches in length; pint 20 cents; quart 35 cents . 10

Stowell's Evergreen, late; very select and pure; excellent variety, remaining in green state longer than any other kind; pint 20c.; quart 40 cents . 10

Extra Early Cory. A few days earlier than, and in general appearance closely resembling the Marblehead, and producing ears somewhat larger. To marketmen this variety is of great value, as the first Sweet Corn will bring two or three times the price it commands when the supply becomes general; per pint 25 cents; per quart 40 cents 10



Corn, Vick's Golden Nugget. Introduced by us two years ago as a novelty. Its earliness and bright golden color are remarkable; very tender and sweet, with an excellent rich flavor; when cooked it is a beautiful creamy color, making it very attractive for the dining table; ears medium size, twelve-rowed and well filled; 50 cents per quart; 30 cents per pint; 15 cents per package. See illustration.

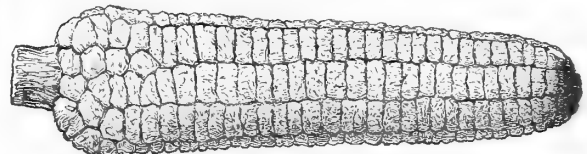
Country Gentleman. This new Sweet Corn is a remarkably satisfactory and delicious corn for family use. Its long, small, milky kernels are full of sweetness, and as the cob is small, and the corn white and very tender, it is sure to please. This variety is the highest attainment yet achieved in the cultivation and improvement of Sweet Corn. The ears from which we offer seed are good sized and produced in great abundance, many stalks bearing four plump ears; 40 cents per quart; 25 cents per pint; 10 cents per package. See illustration.

OTHER STANDARD VARIETIES.

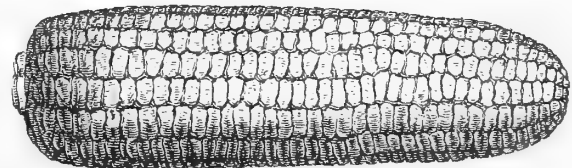
- | | |
|---------------------------------|--------------------|
| Egyptian, or Washington Market. | Hickok's Improved. |
| Early Eight-Rowed Sugar. | Black Mexican. |
| Early Adams. | Excelsior. |
| Ne Plus Ultra, or Quaker. | Triumph. |
| Moore's Early Concord. | Crosby's Early. |

Mammoth Late Sugar.

Each 20 cents per pint; 35 cents per quart; 10 cents per package.



CORY.



STOWELL'S EVERGREEN.

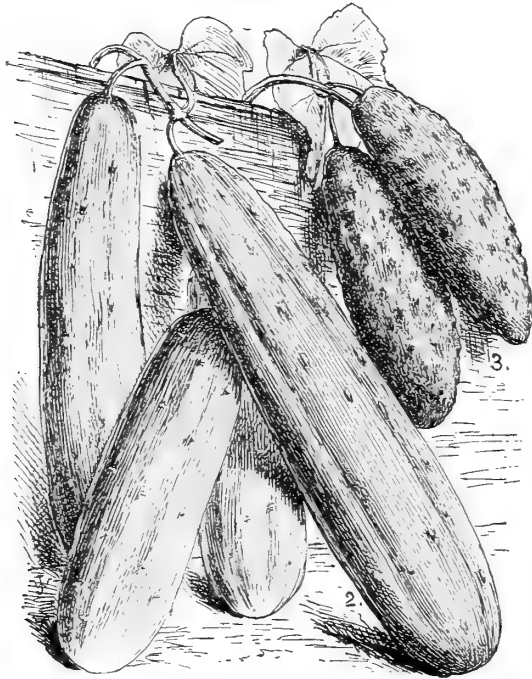
Winter evenings bring people together for sociability, and a grand corn pop, with its fun, breaks the ice and conduces to general merriment. Why not raise some Pop Corn? It pops best when more than one year old.

Pop Corn, White Rice, best white; per quart shelled corn 40 cents 10

IMPORTANT—At prices quoted we deliver to your door, unless otherwise noted.

CUCUMBER.

Gurken.



In this latitude it is useless to plant in the open ground until nearly the first of June. Make rich hills of well-rotted manure, two feet diameter, and plant a dozen or more seeds, covering half an inch deep. When all danger from insects is over, pull all but three or four of the strongest plants. The middle of June is early enough to plant for pickling. Make the hills about six feet apart. For early Cucumbers, the hot-bed is necessary; but the simplest and surest way to produce a tolerable early crop of the best kinds is, where it is designed to place a hill, dig a hole about eighteen inches deep and three feet across; into this put a barrow of manure, and cover with a small box-like frame, on the top of which place a couple of lights of glass. When the plants grow, keep the earth drawn up to the stems. Water and give air.

The FOREIGN VARIETIES are of fine quality and of wonderful size, often two feet in length, but they require a hot-bed to help them along until the weather is warm. In Europe they are grown in glass houses.

As long as fruit for the table is desired do not allow them to go to seed, as this impairs the fruiting of the vine. Two specimens allowed to form seed will do more harm than two dozen for the table or pickling. Some of the smaller kinds are usually preferred for pickling, but Long Green is excellent for this purpose when young, and some pickling houses use White Spine exclusively.

AMERICAN VARIETIES.

- Cucumber, Early White Spine, an excellent variety for table; very pretty and a great bearer; a favorite with market growers; per lb., 90 cents; oz., 10 cents. See fig. 1
- Chicago Pickling. A new variety, exclusively used by the Chicago picklers. Very prolific, and a profitable sort for this purpose; per lb., \$1.00; oz., 15 cents. See fig. 3
- Improved Long Green, a very fine long fruit of excellent quality; per lb., 90 cents; oz., 10 cents. See fig. 2
- Vick's Early Chinese. This variety of Cucumber we secured from China five years ago, and we have grown and tested it with other varieties on our trial grounds every year since. It has proved to be two weeks earlier than other varieties, splendid quality, from one to two feet long. Color light green, turning to creamy white when ripe. Smooth skin, few spines. Being very solid, it produces few seeds. Though not very productive, its extreme earliness and fine quality places it at the head of the list of Cucumbers. It can be used on the table from the time it is a few inches long till it ripens. Every lover of this vegetable should try a packet of this seed.

OTHER STANDARD VARIETIES.

- Early Russian, Early Green Cluster, Early Frame,
- Boston Pickling, Cleveland Pickling, Thorburn's Everbearing,
- Nichols' Medium Green. 90 cts. per lb.; 10 cts. per oz.; 5 cts. per package.

FOREIGN VARIETIES.

- Cucumber, Long Green Southgate, a fine, old, hardy, English sort; per oz., 50 cents. 15
- Chinese Long Green, long, productive and hardy. 15
- Giant of Arnstadt, one of the finest; good bearer. 25
- Rollison's Telegraph, one of the best. 25
- Carter's Champion, a fine winter variety. 25
- Carter's Model, fine for house and frame culture; very prolific; keeps in bearing a long time. 25

GHERKIN.

Ghiggurke.

The Gherkin is not a Cucumber proper, but a little, rough, prickly fruit that grows on a pretty vine, with leaves something like a Watermelon. It is liked for pickling, and is known as the West India Gherkin. What dealers call Gherkins are only small cucumbers.

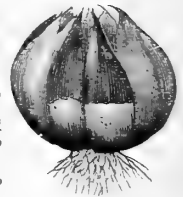
Gherkin, true West India; per oz. 25 cents. 10

GARLIC.

Knoblauch.

The Garlic is the most pungent of all the Onion family. It is much used in the South of Europe. The roots or bulb is composed of many small bulbs, and called "cloves," which are planted in the spring six or eight inches apart, and in August the tops will die, when the bulbs are ready to gather. They do best in a light rich soil.

Garlic, per lb. 30



HORSE RADISH.

Meerrettig.



The best way to grow Horse Radish is from the little roots four or five inches in length, and not from the crowns. These small roots will produce good Radish fit for use in one season's growth. Plant the set small end down, where

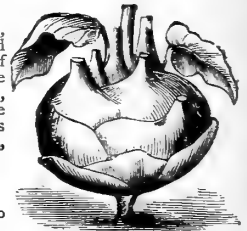
the slanting cut is, and so that the top will be two inches under the soil. It can remain in the ground till late in the autumn, and be pitted, or a portion can remain in the ground until spring. A dozen roots will give all that will be needed for family use for a life time, for it constantly increases and the danger is that it will spread too fast and become troublesome. It is best, therefore, to plant it in some corner of the garden, where it can grow without injuring anything.

Roots, per 100, \$1.00; per dozen 25

KOHL RABI.

Kohlrabi.

Kohl Rabi is sown for a general crop in the spring, like the Turnip, in drills; or may be transplanted like Cabbage. For winter table use, sow middle of June. The stem, just above the surface of the ground, swells into a bulb something like a Turnip, as seen in the engraving. It is cooked like the Turnip, and is highly prized for stock in Europe, as a substitute for Turnips. It will bear drought better, and therefore a crop is more certain.



Kohl Rabi, Early White Vienna, delicate, much prized for forcing; per lb. \$3.00; oz. 30 cents. 10

Early Purple Vienna, another forcing variety, similar to above except in color; variety similar to above except in color; per lb. \$3.00; oz. 30 cents . . . 10

Large Early White or Green, fine and tender for table; per lb., \$1.50; oz. 15 cents 10

We pay the postage or
 express charges (except
 when noted).

LEEK.

Lauch.

Seed is generally sown in the spring in a seed-bed, and young plants transplanted July 1st. The Leek is prized for soups, and is thought for this purpose to be superior to the Onion.

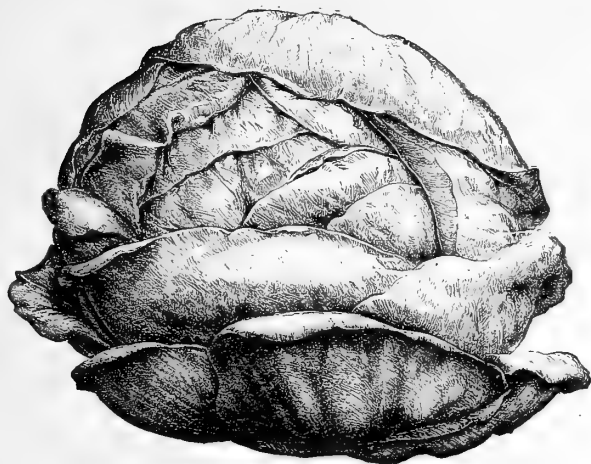
- Leek, Broad Flag, per lb. \$1.75; per oz. 15 cents. . . . 5
- Musselburg, per lb. \$2.25; oz. 25 cents. 10



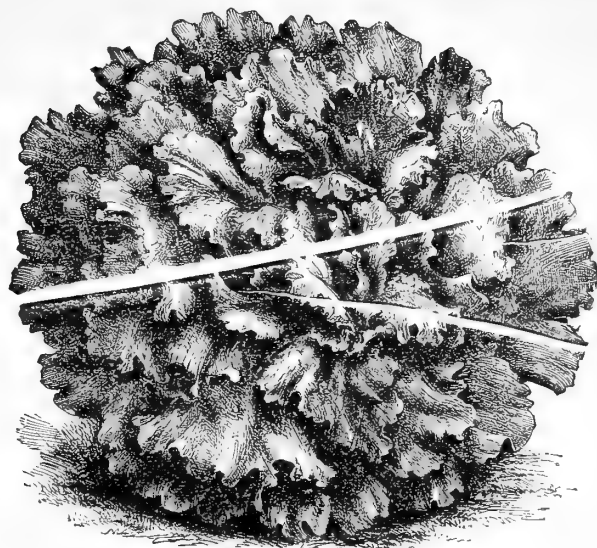
IMPORTANT—At prices quoted we deliver to your door, unless otherwise noted.

LETTUCE.

Koyffalat.



CURLED LETTUCE.



IMPERIAL WHITE CABBAGE LETTUCE.

Lettuce is divided into classes: the Cabbage, with round head and broad, spreading leaves; and the Cos, with long head and erect, narrow leaves. The Cabbage varieties are the most tender and buttery, and the Cos the most crisp and refreshing. The Cabbage form has a subdivision called Curled, from the form of the leaves. There are several varieties, with loose, curled leaves, having the habit of the Cabbage, though not forming solid heads, that are very pretty for garnishing, and considered by many the best in all respects. Sow in the open ground as early as possible; or, if you have plants from fall sowing, transplant them to a rich soil, giving plenty of room and hoe well. If the hot-bed is used, let it be started quite early. Give but little heat, and plenty of water and air on fine days. Sow a couple of rows thick, in the front of the frame, to be used when young—say two inches in height. Let plants in the rest of the bed be about four inches apart. In a sunny country like America, Lettuce generally runs up to seed very early in the season, so that after the warm weather it is difficult to find a good head of Lettuce in most gardens. The remedy is to, plant for late use in a cool, partially-shaded place in a rich soil, and this should be supplemented by a free use of water.

Lettuce, New Premium Cabbage, the best variety we have ever grown; good solid head, keeping in good condition without going to seed longer than any other variety; excellent for all uses and seasons; per lb. \$2.50; oz. 25 cents 5

Imperial White Cabbage, a fine variety; excellent for family use and market, as it withstands summer heat well, and remains a long time in the head before running to seed; per lb. \$2.00; oz. 20 cents 5

Early Tennis Ball, or Boston, one of the earliest and best heading varieties; per lb. \$1.50; oz. 15 cents 5

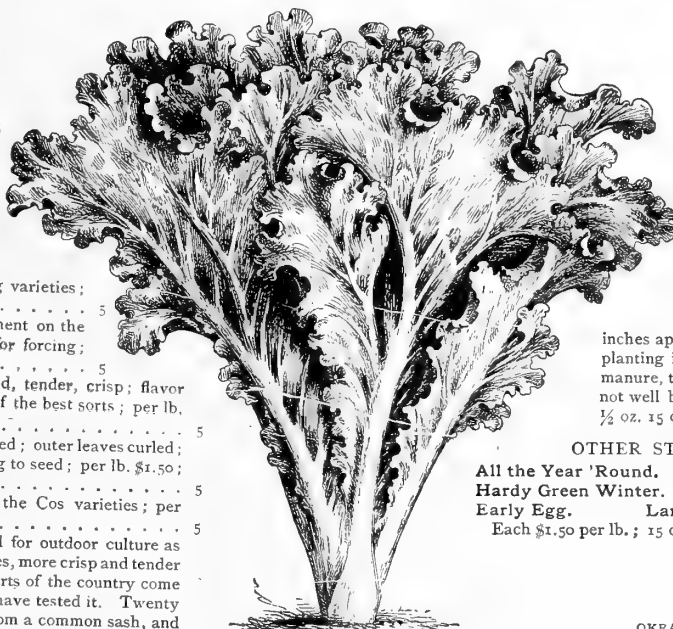
Early Curled Simpson, an improvement on the old curled Silesia, very early; fine for forcing; per lb. \$1.00; oz. 10 cents 5

Early Hanson, heads very large, solid, tender, crisp; flavor fine; stands summer heat well; one of the best sorts; per lb. \$1.50; oz. 15 cents 5

Prize Head, very large; stained with red; outer leaves curled; very crisp and tender; slow in running to seed; per lb. \$1.50; oz. 15 cents 5

Paris White Cos, one of the best of the Cos varieties; per lb. \$2.00; oz. 20 cents 5

Grand Rapids Forcing, quite as good for outdoor culture as other varieties. Large, beautiful leaves, more crisp and tender than any variety known. From all parts of the country come enthusiastic praise from persons who have tested it. Twenty to thirty pounds have been raised from a common sash, and



GRAND RAPIDS FORCING LETTUCE.

three crops taken off the same ground. Frequently a house full of this Lettuce will average one-half a pound to a plant, and occasionally plants have weighed 1 1/2 lbs. It is excellent for shipping and will insure sales at sight. Buyers call for it and wish no other. An omelet large enough for six persons can be served upon one leaf (making an exquisitely dainty breakfast dish). We offer it this season, being positive it is the best Forcing Lettuce known. To insure quick growth use plenty of water; set plants about six inches apart. The best results are obtained by planting in a compost of nearly one-half rotten manure, the rest good new loam. The soil cannot well be too rich; per lb. \$2.25; oz. 25 cts.; 1/2 oz. 15 cents 10

OTHER STANDARD VARIETIES.

- | | |
|----------------------|-----------------------|
| All the Year 'Round. | Black Seeded Simpson. |
| Hardy Green Winter. | Hubbard Market. |
| Early Egg. | Large Boston. |
| Buttercup. | Denver Market. |
- Each \$1.50 per lb.; 15 cents per ounce; 5 cents per package.

OKRA.

Okr.

OKRA—WHITE VELVET.

The Okra is a vigorous, large plant, requiring a good deal of room, and the large kind should be planted not less than three feet apart, and the dwarf about eighteen inches. In mild climates it is only necessary to sow the seed in the open ground, about two inches deep, and then merely keep the ground clean and mellow, as for a hill of corn.

- Okra, White Velvet (White Creole).** The pods of this new variety are round and smooth, much larger than those of other sorts, and are produced in great profusion; per lb. 75 cents; oz. 10 cents 5
- Long Green,** long pale green, and ribbed; per lb. 75 cents; oz. 10 cents 5
- Dwarf Green,** earliest and best for the North; per lb. 75 cts.; oz. 10 cents 5

MUSTARD.

Senf.

Mustard being very hardy, seed can be sown as soon as the soil is free from frost. Sow in shallow drills, and cut when a few inches in height. It grows rapidly, and several sowings may be made. The young Mustard leaves are used for spring salad.

- Mustard, White,** best for salad or culinary purposes; per lb. 30 cents; oz. 10 cents 5
- Black,** per lb. 30 cents; oz. 10 cents 5

WM. G. SWEET, of Reedsburg, Wis., writes: "I raised twenty-two bushels of fine potatoes from one peck of 'Maggie Murphy,' and three bushels of 'American Wonder' from one pound of seed."

IMPORTANT.—At prices quoted we deliver to your door, unless otherwise noted.

MELONS.



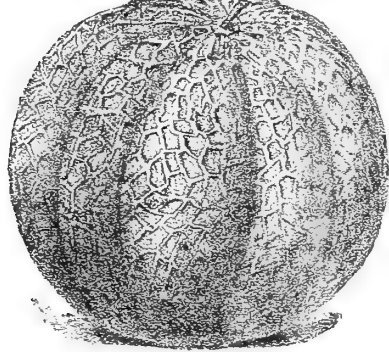
THE MELON, being of tropical origin, reaches perfection only in a warm temperature. In this latitude we must give the Melon every possible advantage to secure earliness and thorough ripening. The same culture as recommended for Cucumbers will insure success. It is desirable also for the North to secure early ripening varieties. There are two distinct species of Melons—the Musk and the Water Melon. The former is the most easily grown, though, with a selection of early sorts and a little attention to forwarding the young plants early in the season, a good crop of either can be secured almost anywhere. The Melon will grow and ripen well in a warm, sandy, poor soil, but when grown in such a situation the hill must be thoroughly enriched with plenty of available food for the roots.

MUSK-MELONS.

Muskat-Melonen.

Vick's Musk Melon, Prolific Nutmeg. We have yet to find a Musk Melon more satisfactory than the "Prolific Nutmeg." In these three most important characteristics, viz: EARLINESS, QUALITY, PRODUCTIVENESS, it stands at the head of the list. Per lb. \$2.00; oz. 20 cents. 10

Vick's Irondequoit. New. This variety still leads the procession as the first in all respects among the many kinds of Melons cultivated in this country. The better it is known the more popular it becomes, and the results of this season's culture have widely extended its fame. The yellow-fleshed varieties of Musk-Melons, as a rule, have hitherto lacked in flavor, but the "Irondequoit" possesses this quality to a high degree—equal to the best of the green-fleshed varieties. The flesh is very thick, orange-yellow in color, melting, juicy, nectar-like. The vine is a strong grower and very productive. The fruit is large—twelve to fifteen inches in diameter, round, ribbed, of light grayish color, with a prominent net-work over the surface. A splendid melon, both for market and the private garden. Per lb. \$3.00; oz. 30 cents; ½ oz. 20 cents. 10



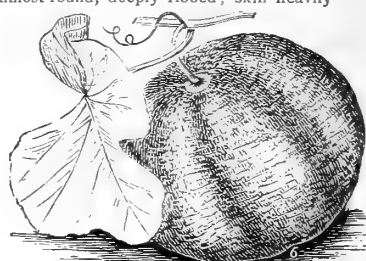
IRONDEQUOIT MUSK MELON.

Golden Netted Gem, an early, small, and very prolific variety, recently introduced, and quite popular with the melon growers of New Jersey; per lb. \$1.00; oz. 10 cents. 5

Jenny Lind, an early variety; small, but of excellent flavor; per lb. 75 c.; oz. 10 cents. 5

Champion Market, new; shape almost round, deeply ribbed; skin heavily netted; flesh light green, rich and sweet; an excellent shipping variety. Per lb. \$1.25; oz., 15 cts. 5

Montreal Nutmeg. Fruit of the largest size, often attaining a weight of 15 to 20 pounds; shape nearly round, flattened at the ends, deeply ribbed; flesh remarkably thick, green, melting, and of the finest flavor; per lb. 90 cts.; oz. 10 cents. 5



VICK'S PROLIFIC NUTMEG.

OTHER STANDARD VARIETIES.

- | | | |
|---|---------------------|-------------------------|
| Green Citron. | Large Hackensack. | Surprise. |
| Bird Cantaloupe. | Early Christiana. | White Japan. |
| Skillman's Fine, Netted. | Casaba, or Persian. | Long Yellow Cantaloupe. |
| Improved Large Green Nutmeg. | Baltimore, or Acme. | Bay View. |
| Each 85 cents per lb.; 10 cents per oz.; 5 cents per package. | | |
| Delmonico. | Princess. | Newport. |
| Each \$1.25 per lb.; 15 cents per oz.; 5 cents per package. | | Banquet. |

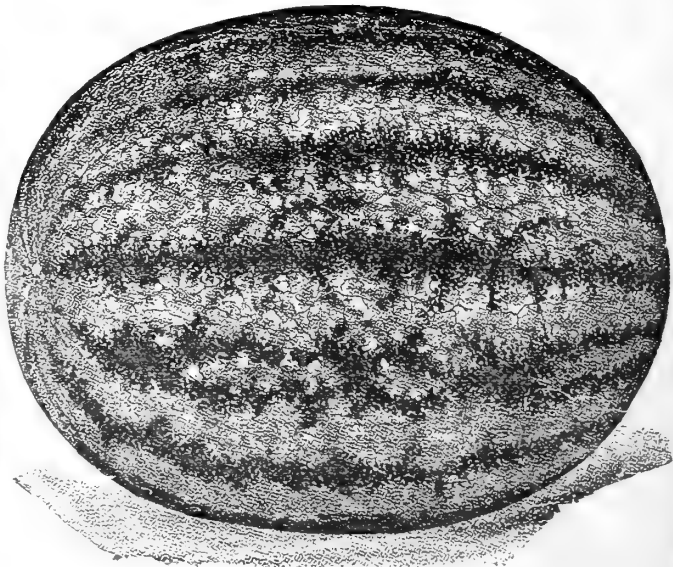
WATER MELON.

Wasser-Melonen.

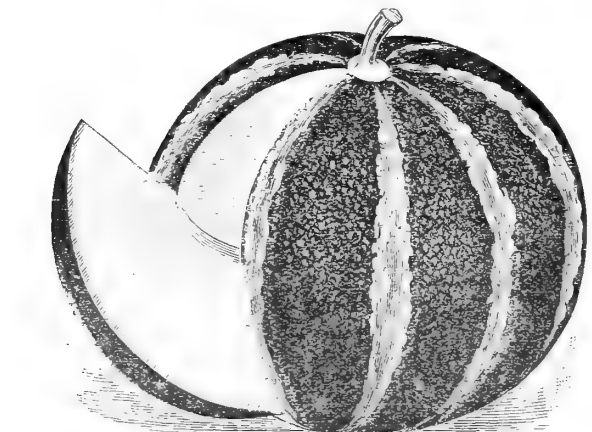
No suggestions are necessary to induce cultivation of these cooling, delightful summer favorites. At home or in the field they are always acceptable, and many times take the place of water in quenching thirst. They require a rich though sandy soil to bring the best product. In the South they grow to perfection, and in the North, when planted in warm soil and sheltered from strong winds, fine and profitable crops are obtained. Cultivation same as for Musk Melon, except the hills should be eight to ten feet apart.

Water Melon, Kolb's Gem, a Southern variety, and very popular on account of its large size, immense yield, and good shipping qualities; flavor excellent; per lb. 75 cents; oz. 10 cents. 5

Florida Favorite. A fine variety, size medium; shape oblong; color of rind dark and light green stripes alternately; flesh bright crimson, very crisp and deliciously sweet. Ripens earlier than Kolb's Gem, Mammoth Iron Clad, or Rattlesnack. per lb. 85 cents; oz. 10 cents. 5



KOLB'S GEM.



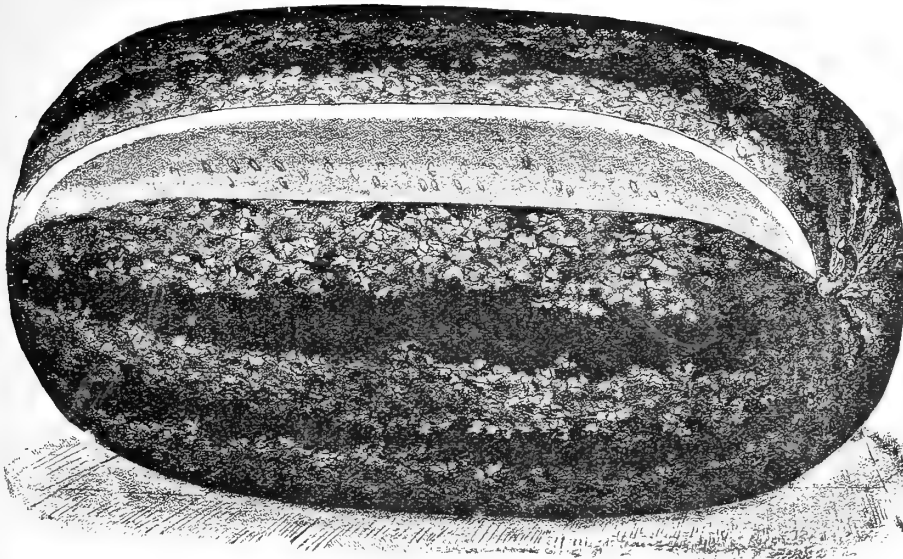
EMERALD GEM.

Emerald Gem, new, small, extra early; skin dark green, smooth; flesh orange, and of delicious flavor. Per lb. 90 cents; oz. 10 cents. 5

Miller Cream, or Osage, new; a cross between Sill's Hybrid and Casaby; flesh salmon in color, very thick, sweet, rich and melting. A strong grower and very productive. Per lb. 90 cents; oz. 10 cents. 5

Extra Early Hackensack, a new strain of the well-known Hackensack Melon, but at least ten days earlier. The Melons weigh from four to ten pounds each; they are heavily netted, and have light green flesh; per lb., \$1.00; oz. 15 cents. 5

IMPORTANT.—At prices quoted we deliver to your door, unless otherwise noted.



MAMMOTH IRON CLAD.

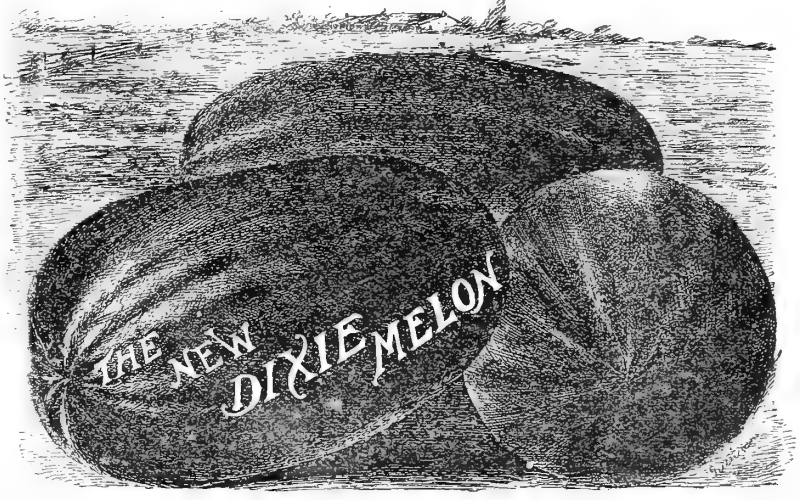
The New Dixie Melon, compared with Kolb's Gem, is larger, earlier, more productive, darker, longer and a much better shipper. It is beautifully striped, very sweet, juicy and tender, averaging 6 to 8 large Melons to a vine. We advise our friends to give it a trial.

Price 5 cents per packet; 10 cents per ounce; \$1.00 per lb.

MUSHROOMS.

Bilje.

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at from 50 to 60 degrees. From some old pastures procure the soil, and store it away. To one bushel of this soil add two bushels of fresh horse manure. Of this well-mixed compound prepare a bed, say four feet in width. Put down a thin layer and pound it down hard, and go on until you have a bed eight inches thick. It will soon become pretty hot, but let the heat recede until it is only 85 to go degrees. Then make holes, say a foot apart and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days, then cover the bed with some two inches of fresh loam, and over this place four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The bed will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an



VIEW OF A MUSHROOM BED IN OUR CELLAR.

Mammoth Iron Clad, so named on account of the hardness and tenacity of its shell, and its immense size. Specimen melons have been found to weigh seventy pounds. Flesh firm and of fine flavor; per lb. 75 cents; oz. 10 cents 5

Ice Cream, or Peerless, is a first-class Melon; flesh pink, sweet and melting; white seed; per lb. 75 cents; oz. 10 cents 5

Vick's Early. Oblong, smooth, rather small, flesh bright pink, solid, sweet, and the earliest Melon that we are acquainted with; per lb. \$1.00; oz. 10 cents 5

Jordan's Gray Monarch. A distinct variety and one of the largest oblong; rind a mottled gray; flesh deep red and delicious flavor; per lb. 75c.; oz. 10c.; pkt. 5

Citron, for preserves; flesh white and solid, seeds red; per lb. \$1.00; oz. 10 cents 5

OTHER STANDARD VARIETIES.
Hungarian Honey. **Pride of Georgia.**
Scaly Bark. **Volga, The Jones.**
Phinney's Early. **Seminole.**
The Boss. **Cuban Queen.**
Black Spanish. **Dark Icing.**
Mountain Sweet. **Georgia Rattlesnake.**
Mountain Sprout. **Orange.**
Green and Gold. **Colorado Preserving.**
 Each 75 cents per lb.; 10 cents per oz.; 5 cents per packet.
White Gem. **Fordhook.** **Delaware.**
 Each \$1.25 per lb.; 15 cents per oz.; 5c. per pkt.

upon a proper and uniform temperature, moisture, and perhaps other conditions of the atmosphere, that success is not always certain with the amateur. One pound of spawn is enough for a bed two feet by six.

Mushroom Spawn, English, lb.
 by mail 30
 Per 8 lbs. by express, not paid . . . 1 00
French, per lb. by mail 50
 Two pound box (see cut) by express, not paid 75



IMPORTANT.—At prices quoted we deliver to your door, unless otherwise noted.

ONIONS.

Zwiebeln.

The American Onion seed we offer is all of our own growing, every Onion examined before planting, and we believe it to be the purest and best in the world. Any one who plants 100 seeds and gives them good care may not only reasonably expect 80 good plants, but 90 good, sound, round Onions, unless they are sown so thick as to make it necessary to remove a part of them. The Onion must have a clean and very rich soil. Use well rotted manure freely, and be sure and get the seed in as early as possible in the spring, no matter if it is ever so cold and unpleasant; for, if Onions do not get a good growth before hot, dry weather, the crop is sure to be a failure. Thin out early, and keep the soil mellow and clear of weeds. Sow in shallow drills, not less than a foot apart, and thin out when the young plants are about the size of quills. In doing this, disturb those that remain as little as possible. As Onions grow on the top of the ground, they may be allowed to remain pretty thick, no matter if they crowd each other. In hoeing to destroy weeds and keep the ground mellow, do not cover the young bulbs with earth. Four pounds of seed is usually required for an acre.

In cold or mucky soils, where the Danvers or Wethersfield varieties will not form bulbs, the Early Red should be tried, and will often succeed while others fail. It is an excellent variety and a good keeper. The NEW ITALIAN ONIONS, of which there are several admirable varieties, are of a sweet, mild flavor, and grow very large, often from one to four pounds. They do well at the South.

It has been found difficult to grow Onions from seed in the South, while from SETS good crops are grown, and quite early. These sets are little Onions grown the previous year, and taken up when as large as Peas. Set out in the spring they very soon form large good Onions. There are two other kinds of Onions that are not grown from seed, the POTATO and TOP ONIONS. The Potato Onion grows in clusters, under ground. These little bulbs are planted in the spring, and produce large Onions. The large Onions are planted the next spring and produce the clusters. The Top Onion produces small clusters on the top of the stem, where seed is produced in the common kinds. The small Onions are planted in the spring,

and the result is full grown Onions, and these large ones, with one year's growth, produce the clusters on the top for seed.

The Onion is usually a very profitable and satisfactory crop, and it is only occasionally that the market is overstocked and the prices low. It is useless, however, to try to grow Onions on a poor unsuitable soil or in a careless manner. Three days of neglect when the weeds are growing rapidly will sometimes ruin a crop, and a week too late in sowing often makes the difference between a good and bad harvest. Manure for Onions should be well rotted, and placed on or near the surface. With proper manuring Onions can be grown on the same land for a score of years, and it will become cleaner and better every year.

PROFITABLE AMERICAN VARIETIES.

The Onion is such an important crop to large growers, and the preparation of the soil and culture so expensive, and consequently a failure from bad seed or other causes is so disastrous, that long ago we determined to sell no seed except what we knew to be new, true and good. The Onion crop is usually exceedingly profitable, ranging from 300 to 500 bushels per acre, according to richness of soil, culture, etc. The price averages seldom less than fifty cents per bushel.

DANVERS YELLOW GLOBE.

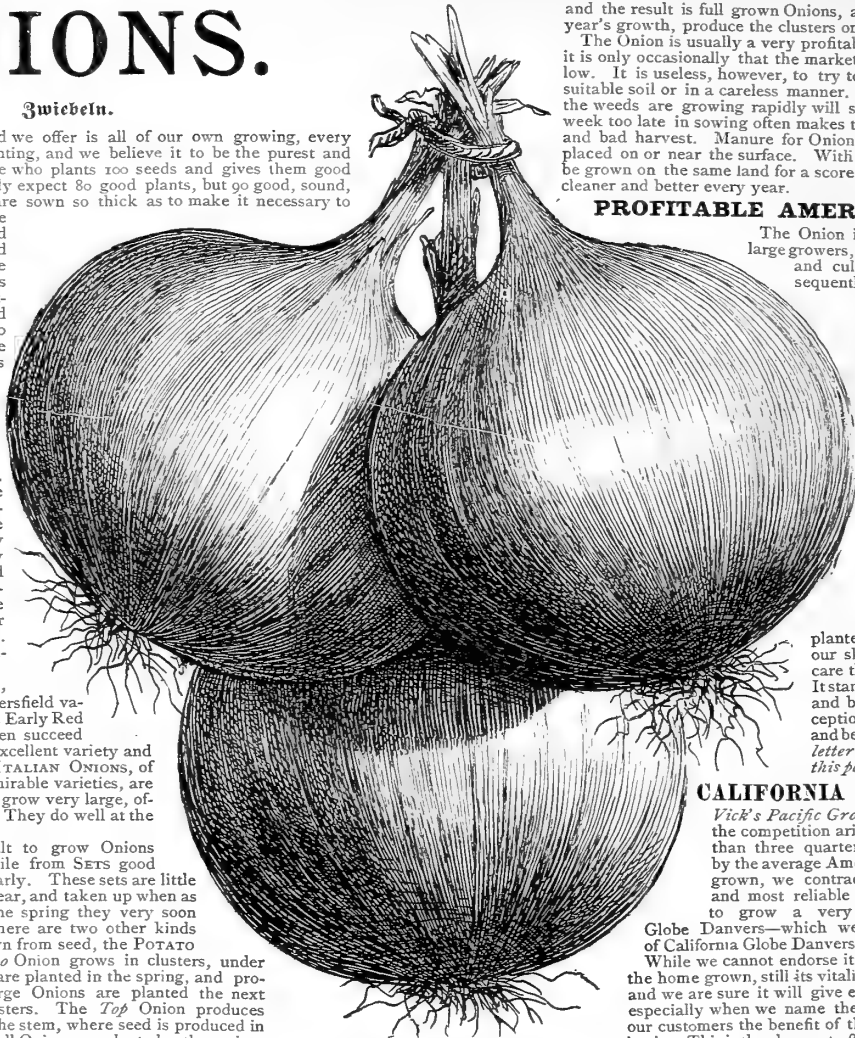
"Vick's Home Grown Strain." This we raise on our own farm under the most favorable circumstances and from carefully selected seed. It is sorted,

planted, cultivated and harvested by our skilled labor, with much more care than that grown in California. It stands at the head and is the finest and best in the world, without exception, when uniformity in shape and beauty of bulbs is considered. See letter lately received, at bottom of this page; lb. \$2.00; oz. 25c.; pkt. 5c.

CALIFORNIA GLOBE DANVERS.

Vick's Pacific Grown Strain. In order to meet the competition arising from the fact that more than three quarters of the onion seed offered by the average American seedsmen, is California grown, we contracted with one of the largest and most reliable growers on the Pacific slope to grow a very large quantity of Yellow

Globe Danvers—which we shall sell under the name of California Globe Danvers in order to prevent confusion. While we cannot endorse it so highly and confidently as the home grown, still its vitality is first class and looks well, and we are sure it will give every buyer great satisfaction, especially when we name the price—which we do to give our customers the benefit of the Chinese labor used in raising it. This is the cheapest offer ever made for reliable seed. Note the exceedingly low price; lb. \$1.00; oz. 10c.; pkt. 5c.



DANVERS YELLOW GLOBE.

Onion, Large Yellow, a fine, large, flat Onion; forms bulbs readily; per lb. \$1.75; oz. 20 cents.

Prize Taker or Spanish Yellow Globe. A bright straw color, thin skinned, and of immense size; makes a handsome appearance in the market; per lb. \$3.00; oz. 30 cents.

Wethersfield Red, one of the best varieties for a general crop; of good size; red, flattish, productive, and a good keeper; lb. \$1.75; oz. 20 cts.

Early Red Globe, eastern grown; early; good; per lb. \$2.00; oz. 25 cents

Extra Early Flat Red, earliest of all American varieties, good keeper; per lb. \$1.75; oz. 20 cents

White Globe, a large, white Onion, as large as Danvers Yellow; per lb. \$3.00; oz. 30 cents.

Silver-Skinned, true, white; delicate; early; not a good keeper; per lb. \$3.00; oz. 30 cents

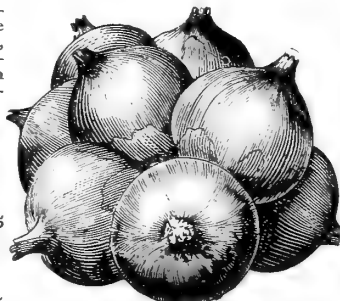
ITALIAN ONIONS.

These ITALIAN varieties are especially adapted for cultivation in the SOUTHERN STATES. At the North, only the early sorts will succeed, unless seed is sown in a hot bed early in March, and the young Onions transplanted to the open ground as soon as they are the size of quills.

Onion, New Giant Rocca, of Naples, a splendid large Onion, of globular shape and light brown skin, sometimes weighing 3 pounds or more; per lb. \$2.00; oz. 20 cents

Large Blood Red Italian Tripoli, more flat than the preceding, quite as large, and blood red; per lb. \$2.00; oz. 20 cents

Mammoth White Gargenus, or Silver King. The largest of the Italian varieties; flat, silvery-white, mild and fine; per lb. \$2.50; oz. 25 cents



POTATO ONION, HALF NATURAL SIZE.

Onion, Large White Flat Italian Tripoli, pure white skin, flat, mild flavor, and as large as Giant Rocca; per lb. \$2.50; oz. 20 cents

Early Flat White Italian Tripoli, beautiful white skin; very mild, of rapid growth, early; per lb. \$2.00; oz. 20 cents

Marzajola, white, small, very early, and a good keeper; lb. \$2.00; oz. 20c.

New Queen, white skin, fine flavor, very small; the earliest grown; per lb. \$2.00; oz. 20 cents

ONION SETS.

The prices of sets given below are based on the present market rates. Should fluctuations occur later in the season, we shall be obliged to vary prices on bushels and pecks in accordance with the market. The price per quart will remain unchanged.

English Multipliers, or Potato Onions, bushel \$4.50; peck \$1.50; quart 40

Yellow Bottom Sets, per bushel \$5.00; peck \$1.60; quart 40

White Bottom Sets, per bushel \$6.00; peck \$2.00; quart 40

Egyptian, or Perennial Tree Onion Sets.

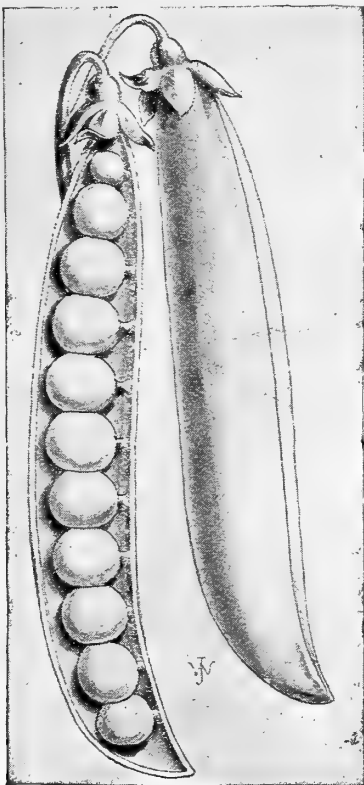
When once set out they will come up year after year as soon as frost is over. They need no protection; grows rapidly, and very productive; bushel \$3.00; peck \$1.25; quart 40 cents.

"We also had a good Onion seed trade last season. Have been buying seeds mostly from —, N. Y. City. We had their 1st quality Yellow Globe Danvers Onion; the seed came all right, but proved to be more or less flat, and was not at all satisfactory. Some of our patrons sent to you for their Onion seed, and report excellent results; in fact your seeds stand well here. We want nothing but the very best, and want your own strain of Globe Danvers."

FRANK BANNING,

Kinsman, Ohio.

PEAS.



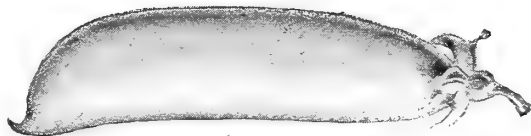
TELEPHONE.

The Pea is very hardy, and will endure a great amount of cold, either in or above the ground; and as we all want "green peas" as soon as possible in the season, they should be put in as early as the soil can be got ready—the sooner the better. The earliest Peas are mostly small, round, smooth and hardy, the tallest not growing more than from two to three feet in height. Of late years some very fine dwarf, sweet, wrinkled sorts of very great merit, like American Wonder and Little Gem, have been added to this class. The late are large, mostly wrinkled, and formerly were nearly all tall, like the Champion of England, but very many excellent dwarfs have been added to the list. If the earliest sorts are planted about the first of April, in this latitude, they will be fit to gather in June. Those a little later will come in about the Fourth of July. By sowing two or three varieties of early and late as soon as practicable in the spring, a supply will be had from early in June to late in July, with only one sowing.

Sow Peas in drills not less than four inches deep, about a pint to forty feet. The drills must not be nearer than two feet, except for the lowest sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. The large, fine, wrinkled varieties are not as hardy as the small sorts, and if planted very early should have a dry soil, or they are liable to rot. It is well to sow the earliest Peas just as soon as possible; in two or three weeks after make another sowing—a few more early, and some for late crop. The second sowing comes in nicely. Brush should be furnished to all but the dwarf kinds as soon as they appear above ground.

EARLIEST.

Peas, Vick's Extra Early, the earliest of the early Peas; unsurpassed, either for market or family use; of excellent quality; unusually productive for so early a variety. Per pint 25 cents; per quart 45 cents 10



Crbjen.



VICK'S EXTRA EARLY.

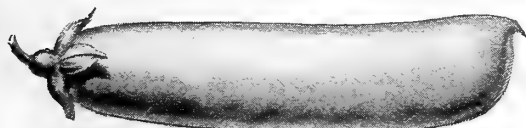
Peas, Charmer. Entirely new, introduced by us last year, having very fine staying qualities. Three to four feet high, large, long, scimitar-shaped pods closely packed. Highest quality and flavor. Very productive, follows Little Gem and comes before Champion of England. See novelty pages. Per pint 30 cents; per quart 50 cents; per packet 10



AMERICAN WONDER.

LATER CROP.

Champion of England, an old standard variety, popular everywhere; one of the richest and best flavored Peas grown; five feet in height. Per pint 25 cents; per quart 40 cents 10



Bliss' American Wonder is the earliest wrinkled Pea in cultivation, and a superior cropper, bearing larger pods than the other early sorts, and having from six to nine large Peas in a pod. The vines are from ten to twelve inches high, and of robust habit; per pint 25 cents; per quart 45 cents 10

King of the Dwarfs, new. (For description, SEE COLORED PAGES.) Per pint 30 cents; per quart 50 cents 15

Premium Gem. A great improvement over the Little Gem. A very fine dwarf variety, fifteen inches high. Per pint 25 cents; per quart 45 cents; per packet 10

Horsford's Market Garden, is a new wrinkled variety of superior quality, growing from fifteen to twenty inches in height and very stocky; it requires no brushing. It is extremely prolific, bearing its pods in pairs. Per pint 25 cents; per quart 40 cents 10

Peas, Yorkshire Hero, a very fine, large, dwarf, wrinkled variety, of good quality and productive. Per pint 25 cents; per quart 45 cents 10
Telephone, a new wrinkled variety; a good cropper, bearing immense pods full of large Peas of exquisite flavor. Per pint 30 cents; per quart 50 cents 10
Pride of the Market is a strong grower, eighteen to twenty-four inches in height and immensely productive. Pods large and handsome, and the Peas of fine quality. Per pint 30 cents; per quart 50 cents 10
Bliss' Abundance, a new and remarkably productive variety; plant about eighteen inches in height; pods three inches long; Peas large, wrinkled, and of superior quality. Per pint 25 cents; per quart 45 cents 10
Bliss' Everbearing, a new, late, wrinkled sort, about thirty inches high; very robust, bearing heavy crops of large, well filled pods; Peas of excellent flavor. Owing to the branching habit of the plant, the Peas should be planted about six inches apart. Per pint 25 cents; per quart 45 cents 10
Tall White Sugar, four feet; edible pods. Per pint 30 cents; per quart 55 cents 10

OTHER STANDARD VARIETIES.

Heroine.	The Admiral.	Blue Beauty.	Shropshire Hero.
Alaska.	Kentish Invicta.	Carter's First Crop.	
Blue Peter.	McLean's Little Gem.	Tom Thumb.	
McLean's Advancer.	Laxton's Alpha.	Dwarf Gray Sugar.	
Black Eyed Marrowfat.	White Marrowfat.	Melting Sugar.	

Each 45 cents per quart; 25 cents per pint; 10 cents per pkt.

PARSNIPS.

Ballinfafe.



Sow Parsnip seed as early in the spring as the ground can be made ready, in drills from twelve to eighteen inches apart, and about an inch deep. The Parsnip will bear frost without injury, and if we were to say it is the best root in the world for fattening cattle and pigs, it would not be far from the truth. We know large sections of country where hogs are fattened entirely on Parsnips. The roots may remain in the ground for spring use in the North, if needed for winter may be dug and covered, like potatoes. A light covering will answer. There are a good many varieties; some smoother than others, but we consider the three named below the best.

Parsnip, Improved Guernsey. Half long; the roots do not grow so long as the Hollow Crown, but are larger in diameter and more easily gathered; smooth, fine grained and of most excellent quality; per lb. 70 cents; oz. 10 cents 5
Long Hollow Crown, one of the very best Parsnips grown, either for stock or the table; per lb. 65 cents; oz. 10 cents 5
New Maltese, claiming improvement over old sorts; per lb. 70 cents; oz. 10 cents 5

IMPORTANT.—At prices quoted we deliver to your door, unless otherwise noted.

OHIO JUNIOR.

AVERAGE, $\frac{2}{3}$ Nat. Size.

VICK'S PERFECTION.

Earliest of All.

CHICAGO MARKET.

Medium Early.

Rose colored Early.

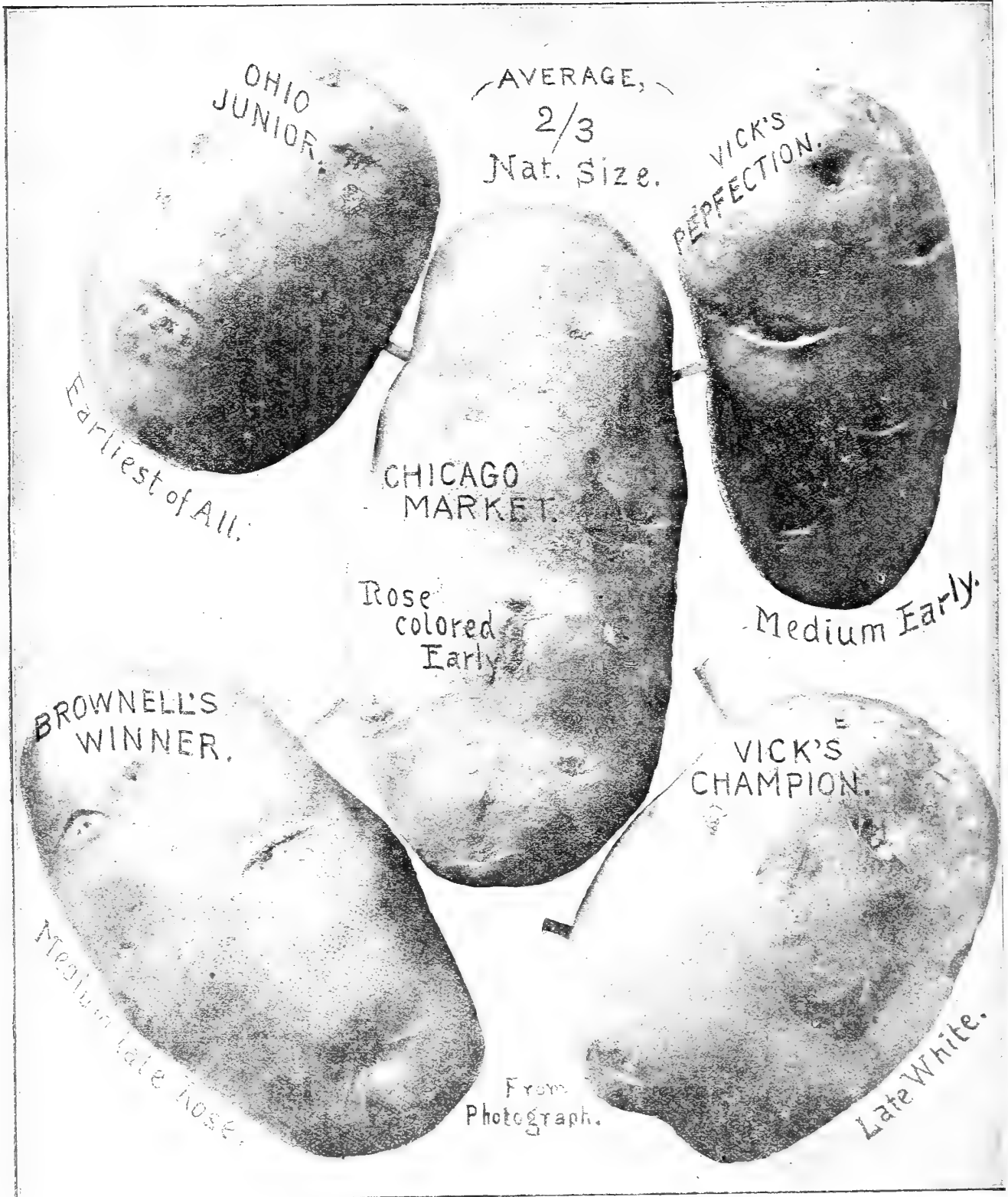
BROWNELL'S WINNER.

VICK'S CHAMPION.

Medium late Rose.

From Photograph.

Late White.





POTATOES.



STANDARD VARIETIES

Carefully Sorted and True to Name.—See Foot Note.

Sartoffetu.

AFTER careful consideration and experience we have selected the following five varieties of Potatoes as the leaders and as the best for general culture. For the first and earliest, the "OHIO JUNIOR" unquestionably leads all others. In the second early class "VICK'S PERFECTION" is without an equal, while for late or general crop "VICK'S CHAMPION" is a general favorite which always gives satisfaction. In the Rose class, the very best and most satisfactory will be found "BROWNELL'S WINNER" and the "CHICAGO MARKET."

Our New Potatoes "MAGGIE MURPHY" and "AMERICAN WONDER" have a most brilliant record and a great future. The former is a large pink variety, an enormous yielder, and *absolutely blight proof*. For photographs of the prize winners, with full particulars see colored pages. These two varieties have come to stay, and will supersede all others of their class.

We shall commence shipping just as soon as danger from freezing on the way is over. We shall send out none but first-class stock, and at prices below we will sell as long as our stock lasts, no matter what advance there may be. When so desired, we will pack two or three varieties in one barrel, without extra cost. All orders filled directly from our bins, and no charges made for packing or cartage.

At the pound price we prepay postage. At peck, bushel and barrel rates the purchaser will pay Express or Freight charges. Be sure and read "Points on Shipping" at bottom of this page.

OHIO JUNIOR.

(EXTRA EARLY.)

This new Potato originated with us in the year 1881, and although a chance seedling, it is without doubt in some way related to that good old sort, the "Early Ohio," as it is almost identical with that variety in the form and marking of the tubers, habit and growth, etc. The tubers are oval oblong, round at the seed end, with full eyes, that are almost even with the surface. It is an excellent keeper, very productive, of fine quality, and has proved to be a most valuable addition to our list of EXTRA EARLY varieties. *There is a short crop this year.* Price per lb. 30 cts.; 4 lbs. \$1.00, postage paid; peck, 75 cts; bushel, \$2.00; barrel, \$5.00.

CHICAGO MARKET.

(EARLY.)

Introduced by the originator of the Early Rose, Jr. One of the best Potatoes in cultivation, either for family use or market. The tubers are large and uniform in size, grow compact in the hill, eyes shallow and few in number. Flesh dry and well flavored. It is wonderfully productive and succeeds well in all soils so far as we can learn. The skin is light flesh color, but partially covered with a russet coating, tubers large, eyes few and shallow; flesh white; per lb. 30 cents; 4 lbs. \$1.00, postage paid; peck, 60 cts.; bushel, \$1.75; barrel, \$4.50.

BROWNELL'S WINNER.

(MEDIUM LATE.)

This magnificent variety was originated by the late E. S. Brownell of Vermont, by hybridizing the White Star with the Peachblow, and consequently it partakes of the good qualities of both. Vines are strong and healthy; tubers large, long, oval, smooth and handsome; color light rose pink; flesh creamy white, cooks white and dry, and a great producer. One party says that he grew twelve barrels from one bushel of seed. One of the best of the "Rose Class." Per lb. 30 cts.; 4 lbs. \$1.00, postage paid; peck 75 cts.; bushel \$2.00; barrel \$5.00.

VICK'S PERFECTION.

(SECOND EARLY.)

This new variety is a chance seedling, and is certainly one of the finest Potatoes we have ever grown for general purposes. Its wonderful productiveness, fine appearance and good cooking qualities will surely make it a great favorite. The tubers grow compact in the hill, and are large and uniform in size, oblong inclining to oval, but generally flattened. Color white, with a tinge of pink around the eyes similar to the Hebron. The vine is of strong, vigorous growth, yet stocky and short jointed, maturing about the same time as White Star. We feel confident this variety will prove of great value for field culture, and become very popular. Per lb. 30 cts.; 4 lbs. \$1.00, postage paid; peck 60 cts.; bu. \$1.75; bbl. \$4.50.

See
Here!
Read
Carefully
and
Act
Understandingly.

VICK'S CHAMPION.

(LATE.)

This new Potato has been selected after several years trial, as one that has qualities which are highly commendable. It is a wonderfully strong growing variety, producing an abundant growth of tops, and very large white tubers that are covered with a light russeted coating. The eyes are quite large, full, and nearly even with the surface. Tubers similar in form to the Green Mountain, but more oval and full at the seed end. This is one of the most productive varieties ever offered, and a splendid keeper of excellent quality. Per pound 30 cents; 4 pounds \$1.00, postage paid; peck 60 cents; bushel \$1.75; barrel \$4.50.

SPECIAL POINTS ON SHIPPING POTATOES.

We receive constantly letters asking for relative cost of shipping Potatoes and other heavy seeds by express and freight, and we have had prepared by the express and railroad companies a table of cost of different sized packages to all leading points, which will be found on another page. No goods sent Collect on Delivery.

We always ship Potatoes and other heavy seed by FREIGHT unless ordered by express, and in the latter case ONLY when the cash for expressage accompanies the order. Many customers order one way when they mean the other, which is confusing. Potatoes cannot be sent by express EXCEPT prepaid. Send the amount of charges with order.

Many people order small quantities, like a peck, to go by freight, thinking that the charges will be less. The railroad companies make no charge for less than 100 pounds, therefore the freight on a bushel is just as cheap as on a peck. Packed for shipment Potatoes weigh about: peck 20 lbs., half bushel 40 lbs., bushel 70 lbs.

If you neglect to order until late you will necessarily have to use the express, but DON'T FORGET to include the express charges in remittance. Order early, however, and we will ship by freight in sufficient time to plant.

PEPPER.

Pfeffer.



SWEET MOUNTAIN, OR MAMMOTH PEPPER.

Sow the seeds early under glass, or in the open ground in warm weather; transplant when three inches high.

Pepper, Ruby King, a handsome and very productive variety; fruit four and a half to six inches long by three and a half to four inches broad. When ripe they are bright ruby-red; remarkably mild and pleasant; per oz. 25 cents; ½ ounce 15 cents . . . 5

Golden Dawn, a new variety, resembling the Large Bell in shape, but more delicate in flavor, and the color is a rich golden yellow; per oz. 25 cents; ½ ounce 15 cents . . . 5

Large Bell, or Bull Nose, very large—nearly four inches long and three inches in diameter; glossy red; per oz. 25 cents; ½ ounce 15 cents . . . 5

Sweet Mountain, or Mammoth, much like Bell, perhaps a little larger; per ounce 25 cents; ½ ounce 15 cents . . . 5

Long Red, beautiful and productive, four inches long, flesh thick and pungent; per ounce 25 cents; ½ ounce 15 cents . . . 5

OTHER STANDARD VARIETIES.

Monstrous, or Grossum.	Cayenne.	Tomato-formed Yellow.
Long Yellow.	Cherry-formed.	Tomato-formed Red.
Each 25 cents per ounce; 15 cents ½ ounce; 5 cents per packet.		
Red Cluster.		
Each 30 cents per ounce; 20 cents ½ ounce; 5 cents per packet.		
Cranberry.		

PUMPKINS.

Kürbis.



MAMMOTH RED ETAMPES.

These Prices Prepay the Goods to your home (except when noted.)

Pumpkin, Large Cheese, flat, yellow-fleshed, fine-grained, productive; per lb. 70 cents; oz. 10 cents . . . 5

Cushaw, or Crook-Neck, solid flesh, fine and sweet; keeps well; per lb. 80 cents; oz. 10 cents . . . 5

Sugar, small, but fine grain, and very sweet; fine for table use; per lb. 70 cents; oz. 10 cents . . . 5

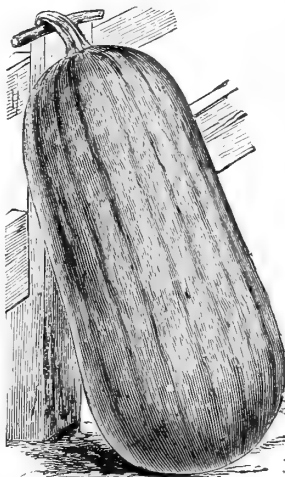
Large Tours, or Mammoth, grows to an immense size, often weighing over 100 lbs.; per lb. \$1.00; oz. 10 cts. . . 5

Golden Oblong. In color a rich golden orange. Excelling as a pie pumpkin. Is a good keeper and wonderfully prolific, bearing from twelve to fourteen good Pumpkins on one vine; per lb. \$1.00; oz. 10 cents . . . 5

Mammoth Red Etampes, skin brilliant glossy red; flesh deep orange and very thick. Matures early; per lb. \$1.00; oz. 10 cents . . . 5

Large Yellow Mammoth. The largest of all Pumpkins. Round in shape, flattened at both ends. Desirable for exhibition purposes; per lb. \$1.00; oz. 10 cents . . . 5

Connecticut Field, per lb. 40 cents; oz. 10 cents . . . 5



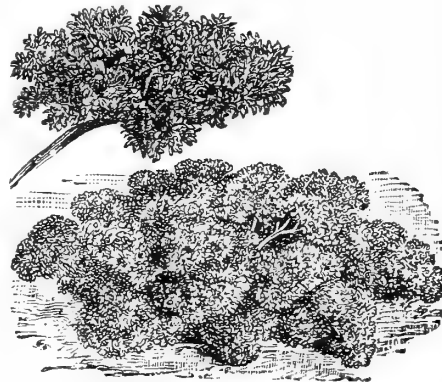
GOLDEN OBLONG.

PARSLEY.

Petersilie.

Parsley seed germinates very slowly; it should be started in a bed, if possible. For outdoor sowing always prepare the seed by placing it in hot water to soak for twenty-four hours, in a warm place. When the plants are a few inches in height set them in rows, three or four inches apart. Parsley lives through the winter, and seed may be sown in the autumn. Some of the Curled varieties are really beautiful for garnishing, and handsome enough for bouquet green.

Parsley, "Beauty of the Parterre." The most beautiful of all the Parsleys. Fine for lines and edgings in the flower garden, and exquisite for garnishing. Habit dwarf and spreading. Plants should be set eight inches apart; per lb. \$1.25; oz. 15 cents . . . 5



Enfield Matchless, one of the most delicate of the colored sorts; per lb. \$1.00; oz. 10 cents . . . 5

Champion Moss Curled, somewhat similar to Enfield Matchless but very much superior; fine for garnishing; per lb. \$1.00; oz. 10 cents . . . 5

Fern-Leaved, a beautiful mossy variety; per lb. \$1.00; ounce 10 cents . . . 5

Giant Curled, very large growth; finely curled; per lb. \$1.00; oz. 10 cents . . . 5

Hamburg, or Turnip Rooted. The roots are used for flavoring soups; per lb. \$1.00; oz. 10 cents . . . 5

RHUBARB.

Rhabarber.

The Rhubarb, or Pie Plant, is grown from divisions of the roots, and from seed. If seed is sown in a good, mellow soil, strong plants will be obtained in one year, and some cutting may be done the second spring. Plants put out in a rich soil in the spring are in fine condition the second season. In spring, about two weeks before frost is gone, cover one or two of the finest roots with barrels, and over and around the barrels place a heap of warm manure, and in a short time look out for delicious, tender Pie Plant. Pie Plant can also be grown in a tub in any corner of the greenhouse, or in a light cellar. It will thrive under almost any treatment when the soil is rich and moist, and without much light.



RHUBARB.

Rhubarb, Myatt's Victoria, oz. 20 cts. . . 5

Linnæus, early and tender; oz. 20 cents . . . 5

Roots, doz. \$2.50; each 20

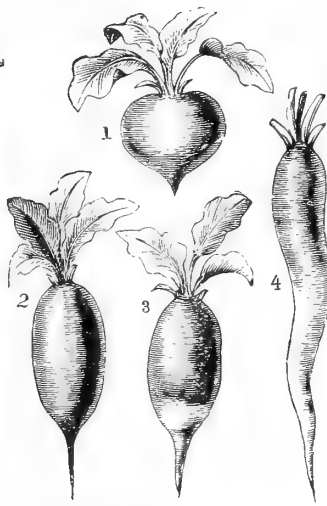
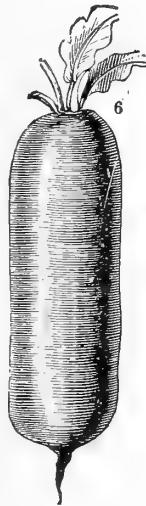
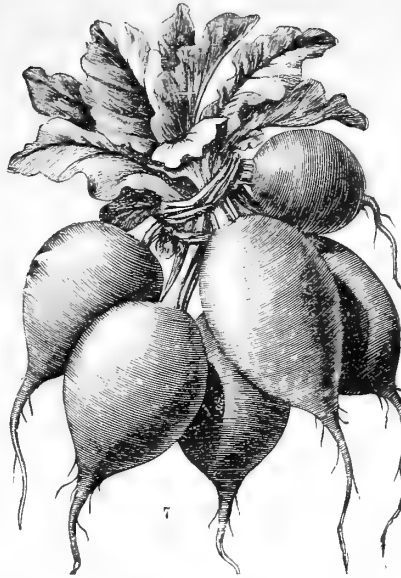
IMPORTANT.—At prices quoted we deliver to your door, unless otherwise noted.

RADISH.

Radieschen und Rettige.

Radishes must make a rapid growth to be crisp and tender. For early use seed should be sown in the hot-bed, in drills, four or five inches apart and half an inch deep. For an early crop in the open ground select a sandy soil, and a warm south border, under the shelter of a fence or building, if possible. A load of fresh, sandy loam from the woods is better for the Radish crop. As soon as the first leaves appear, sprinkle with soot or ashes to save from the little turnip fly. The Winter Radish should be sown about the middle of summer, and like the Turnip, makes its best growth in the autumn. Pitted out of doors, or buried in earth in a cool cellar, it will keep crisp all winter.

Radish, Vick's Early Scarlet Globe. As a forcing Radish the Early Scarlet Globe has established a reputation as the leading sort—the best in every way. It is handsome in form and color—a beautiful oval and a rich scarlet. The amount of its foliage is small compared with other varieties and small for the size of the radish. The peculiar merit of this variety as a forcing radish, is that it will bear the heat requisite for forcing without becoming pithy or spongy. The flesh is crisp, tender, juicy and mild. It is equally as good for open garden culture as for forcing, and, therefore, it commends itself equally to the amateur and market gardener. *N. B.—The crop on this variety, which we have grown specially for us in Northern France, was a failure last season and therefore this year we can only supply the seed by the ounce or packet.* Fig. 7. Per oz. 15 cents 5



Extra Early Scarlet Turnip Rooted. (Forcing.) Medium in size, the root being clear and smooth, with a small top, remaining fit for use a long time. The fact of failure of the crop of our Scarlet Globe will warrant gardeners in using this variety as a good substitute where larger quantities of seed are needed, than quoted of the Scarlet Globe. Per lb. \$1.00; oz. 10 cents 5

Rose, Olive-Shaped, oval; very tender and excellent; an inch and a half long; fig. 2. Per lb. 80 cents; oz. 10 cts. 5

Scarlet, Olive-Shaped, like the above, except in color; per lb. 80 cents; oz. 10 cents 5

Scarlet Turnip White Tip, very desirable for forcing and out-door planting; tops and roots both small; skin bright scarlet; flesh very mild and crisp; per lb. 80 cents; oz. 10 cents 5

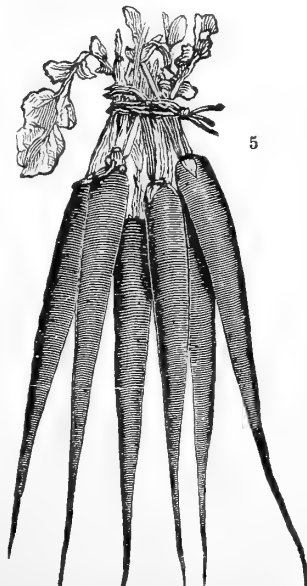
French Breakfast or Scarlet, Olive-Shaped White Tip, very tender and beautiful; fig. 3. Per lb. 80 cents; oz. 10 cents 5

White Olive-Shaped, like the other olive-shaped varieties in everything except color; per lb. 80 cents; oz. 10 cents 5

Wood's Early Frame. Similar to Long Scarlet, but shorter, earlier, and better adapted for forcing. Per lb. 70 cents; oz. cents 5

Scarlet Turnip, round, about an inch in diameter; skin scarlet; flesh white; good; fig. 1. Per lb. 70 cents; oz. 10 cents 5

Early Round Dark Red, especially adapted for forcing, on account of its very small tap-roots and tops. It is also good for summer use in the open ground. Skin dark red; flesh white, crisp and tender. Per lb. 70 cents; oz. 10 cents 5



Radish, White Turnip, similar to preceding, except in color, less pungent; few days later; per lb. 70 cents; oz. 10 cents 5

Yellow Turnip, similar to the above, except in color; per lb. 80 cents; oz. 10 cents 5

Chinese Rose Winter, sow in summer, same as Turnips; fig. 9. Per lb. \$1.00; oz. 10 cents 5

Long Scarlet Short Top, the favorite long market Radish everywhere; six or seven inches long; fig. 5. Per lb. 70 cents; oz. 10 cts. 5

White Strasburg Summer, or White Hospital. A large, white, showy, half-long variety; matures quickly; a leading market variety in the larger cities; per lb. \$1.00; ounce 10 cents 5

Philadelphia White "Box" is superior and entirely distinct from any early white turnip radish. Remarkably short top, rapid growth, perfect turnip shape, extra fine quality, and showing no disposition whatever to become pithy with age. Its short top and rapid growth especially fit it for growing under glass. Per lb. \$1.00; oz. 10 cents 5

Long White Vienna, or Lady Finger. The finest long white Radish grown. Beautiful in shape; skin and flesh snow white; crisp and tender in summer. Per lb. \$1.25; oz. 15 cents 5

Long White Naples, a beautiful, long, clear white Radish, tinged with green at the top; excellent for a late Radish; fig. 4. Per lb. 90 cents; oz. 10 cts. 5

Beckert's Chartier, a distinct variety; color red at the top, shading to pink in the middle, and passing into pure white. It attains a large size before becoming unfit for use. Per lb. \$1.00; oz. 10 cents 5

Black Spanish Winter, Round, fig. 8. Per lb. 70 cents; ounce 10 cents 5

Black Spanish Winter, Long. Per lb. 70 cents; oz. 10 cents 5

Large White Spanish Winter, per lb. \$1.00; oz. 10 cents 5

California Mammoth White Winter, is really a Chinese Radish, grown by the Chinese California; eight to twelve inches long, and from two to three inches in diameter; white, solid and good flavor; fig. 6. Per lb. \$1.00; oz. 10 cents 5

SEA KALE.

Meerfohl.

Sea Kale is a favorite in many parts of Europe, and the flavor is somewhat like Asparagus, but thought to be better. The part eaten is the young shoots that appear in the spring, and they are not good until blanched. Sow in the spring, and plant out like Cabbage. During the summer the plant will make a slender growth. The plant being perennial, young shoots appear the second spring, and these are covered with earth to blanch, or with a flower pot; and if it is desired to force them, cover the pot and earth around with fresh manure.

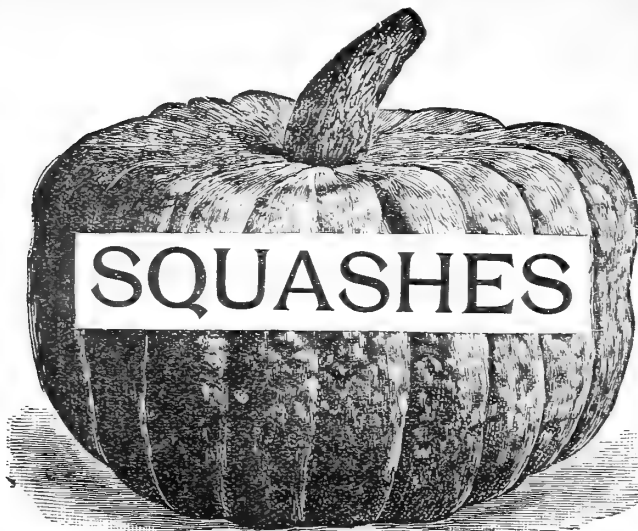
Sea Kale, per ounce 30 cents 10



The Universal Testimony.

"I received the roses and other plants after their three thousand mile journey and they were as fresh and nice as if just taken up."
MRS. R. WATSON,
East Los Angeles, Cal.

IMPORTANT.--At prices quoted we deliver to your door, unless otherwise noted.



SQUASHES

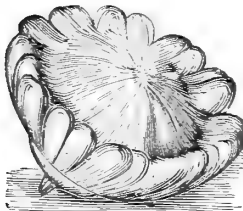
ESSEX HYBRID.

Speisfarbige.

The Squashes are of tropical origin, and therefore it is useless to plant them until the soil is quite warm, and all danger of frost or cold nights is over; and as they make a very rapid growth there is no necessity for haste in getting the seed into the ground. Squashes are good feeders, and like a rich soil; it is best to manure in the hill. Sow a dozen seeds in each hill, and when danger from "bugs" is over pull up all but three or four. A mellow, warm soil is best. For bush sorts, make hills three or four feet apart, and for the running kinds twice that distance. Squashes are in two classes Summer and Winter. The Summer are used when young and tender and the Winter, when well ripened, will usually keep till spring. Our engravings show the Essex Hybrid, and also the two best Summer Squashes. All Winter Squashes should be ripened thoroughly or they are watery and lack sweetness and richness, and will not keep through the winter. The shell of the Hubbard when ripe is as hard as a Coconut shell.

- Squash, Early Bush Scollop, a good, early Summer Squash, taking but little room, and bearing abundantly; plant in hills three feet apart; white or yellow; per lb. 80 cents; oz. 10 cents 5
- Early Yellow Bush Crooked-Necked, the richest Summer Squash; very early and productive; plant in hills four feet apart; per lb. 80 cents; oz., 10 cents 5
- Mammoth Summer Crook Neck, double the size of the above; per lb. 90 cents; oz. 10 cents 5

Hubbard, the standard Winter Squash, and a general favorite; no better variety grown; more generally cultivated as a late sort than any other; flesh fine grained, dry and of excellent flavor; almost as good as the Sweet Potato; per lb. 85 cents; oz. 10 cents 5



BUSH SCOLLOP.

- Essex Hybrid, or Hard Shell Turban. A cross between the Hubbard and American Turban, having the color, shape and fine quality of the Turban, with the dryness and hard shell of the Hubbard. A good keeper; flesh very thick, fine grained and solid; very productive; very early, and of rapid growth; per lb. 85 cents; oz. 10 cents 5
- Sibley, or Pike's Peak, a very distinct and valuable variety. Shell pale green, very hard; flesh solid and thick, orange color, and of a rich and delicate flavor; per lb. 85 cents; oz. 10 cents 5
- Improved Boston Marrow, a good, tender, rich variety, for fall and winter; per lb. 90 cents; oz. 10 cents 5
- Mammoth Chili. The largest of all Squashes, valuable both for stock feeding and the table; per lb. \$1.50; oz. 15 cents 10

OTHER STANDARD VARIETIES.

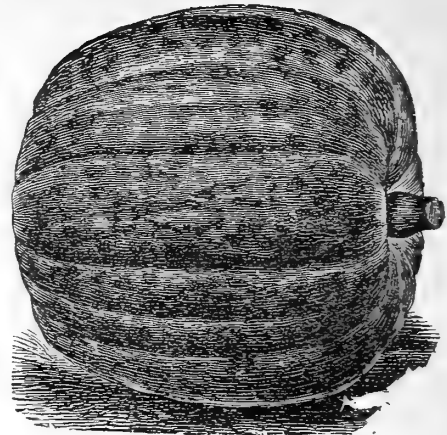
- Perfect Gem. Turban, or Turk's Cap.
- Marblehead. Bay State.
- Winter Crook Neck. Fordhook Squash.

Improved Orange Marrow.

Each 80 cents per lb.; 10 cents per oz.; 5 cents per packet.



SUMMER CROOK NECK.



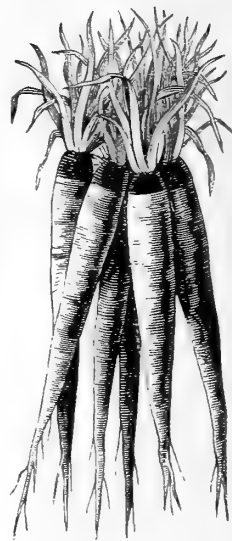
MAMMOTH CHILI.

SALSIFY.

Schwarzwurzel.

Salsify, or Vegetable Oyster, is considered by many a delicious vegetable, in fact, a great luxury, and is used for soups, also boiled, fried, etc., and possesses the flavor of the oyster, for which it is sometimes used as a substitute. The culture is the same as for Carrots and Parsnips, but it flourishes best with longest, smoothest roots, in a rather light or mellow soil that has been well pulverized to the depth of eighteen inches. Sow early in the spring, in drills, a foot or more apart, covering the seed not more than two inches in depth. Thin out to six inches apart. Put seed in the ground as early as possible in the spring. A portion of the crop may remain in the ground all winter, like the Parsnip.

- Salsify, White French, per lb. \$1.25; oz. 10 cents 5
- Mammoth Sandwich Island, a large and superior variety, pure white; per lb. \$1.50; oz. 15 cents 5
- Black, or Scorzonera, a black variety, with a somewhat bitter root, not much used at present; per oz. 20 cents 5



Sill's Window Garden Spray.

This new form of Sprayer is a rubber syringe acting with a bulb and drawing water through a screen into a tube and discharging it through a metal nozzle. The water is drawn from a pail or other vessel, and the discharge operating like a force pump can be continued until the water is exhausted. It is especially designed for *Window Gardens and Conservatories*. The different nozzles allow the spray to be thrown fine or coarse as desired. It is an excellent instrument for *applying insecticides* on house plants and shrubbery. Useful always for spraying with clear water and *effective in its work*. It is durable, simple and easy to use, and will be found satisfactory by all who give it a trial.

It received a *Certificate of Honorable Mention* from the Society of American Florists' at Washington, 1892. Sent by mail for \$2.25.

See illustration of this Sprayer in VICK'S MAGAZINE for January, 1893.

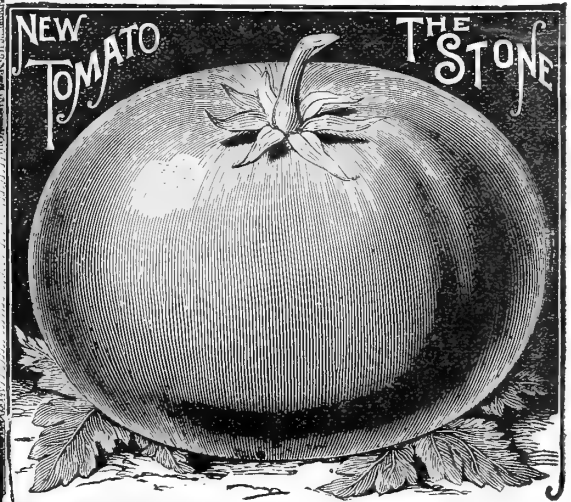
For other Floral Requisites see Page 112.

In ordering your Vegetable Seeds, don't forget to please the rest of your family and get a liberal supply of flowers to beautify the home garden. It will pay in gratification at making everybody happy. See Novelty pages and elsewhere.

IMPORTANT.--At prices quoted we deliver to your door, unless otherwise noted.

TOMATOES.

Paradiesäpfel.



M'CULLOM'S HYBRID TOMATO.

setting them about four or five inches apart. Here they should remain, having all the air possible, until after the middle of May, when they may be put out in the ground. If not too early or too cold, a cold frame will answer for the first transplanting. Pinching off a portion of the side branches, and stopping others just beyond where the fruit is formed hastens the ripening. Very good plants can be grown in boxes in the house. No plant will bear training better than the Tomato, and they can be made very pretty. We have described below the very best varieties in the world, and none that do not possess some merit.

Tomato, McCullom's Hybrid. A strong, robust grower, and in productiveness is equal to the most prolific. The fruit is large, smooth, slightly flattened, no wrinkles, very solid, brilliant scarlet in color, ripens evenly, thoroughly, and all over. It is very early. The quality is excellent. It is recommended without reserve; per oz. 40 cents; half oz. 25c. 10

New Stone. Ripens for main crop; is very large, and of bright scarlet color; very smooth, with occasionally a specimen slightly octagon shaped; ripening even to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper; quality the very best; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive; a heavy variety; its vines and foliage rank and robust, heavily loaded with very uniform specimens of fruit. For five years this Tomato has been subjected to the most careful testing, and we have found it to possess several superior qualities and distinct characteristics. We believe it to be the coming Tomato for market gardeners and truckers; per oz. 40 cents; ½ oz. 25 cents 10

Hathaway's Excelsior, early, medium to large, smooth as an apple; very solid, and of excellent quality every way; one of the best Tomatoes we have ever grown; per oz. 25 cents; ½ oz. 15 cents 5

Dwarf Champion, new; dwarf and compact in habit, the plant growing stiff and upright, with very thick and short-jointed stems. Can be planted as close as three feet; will bear very heavy manuring. As a cropper, it is probably unsurpassed; and will, owing to the small amount of space required between the plants, yield more to the acre, if not even more stalk for stalk, than any other variety; per oz. 30 cents; ½ oz. 20 cents 5

Atlantic Prize, or Early Ruby, originated in New Jersey. Possesses extra good qualities; extremely early; vines vigorous and strong; fruit borne in immense clusters; per oz. 30 cents; ½ oz. 20 cents 10

Ignotum. Fruit of good size, smooth, firm and very solid; deep red in color; containing few seeds. It is both early and productive, ripens perfectly up to the stem, and is remarkably free from cracking or rotting; per oz. 25 cents; ½ oz. 15 cents 5

Acme, a fine, solid, smooth, early variety, medium size, red, with a purplish tinge. It has become quite popular; per oz. 25 cents; ½ oz. 15 cents 5

Livingston's Favorite is a very large and perfect shaped Tomato, smoother than the Paragon, darker red than the Perfection; ripens evenly; very prolific; good flavor; flesh solid; bears shipping long distances; per oz. 25 cents; ½ oz. 15 cents 5

OTHER STANDARD VARIETIES.

Livingston's Beauty.	Volunteer.	Long-Keeper.
Livingston's Perfection.	Paragon.	Mikado.
Lorillard.	Optimus.	Trophy.
Conqueror.	Large Yellow.	Tree Tomato.
Cherry Shaped (Yellow and Red).	Pear-Shaped.	Plum-Shaped (Yellow).
	Strawberry, or Winter Cherry.	Peach.

25 cents per ounce; 15 cents one-half ounce; 5 cents per packet.

SPINACH.

Spinat.



Sow in the autumn for spring use, in good drained soil, in drills a foot apart. As soon as the plants are well up, thin them to about three inches apart in the rows. Covering with a little straw or leaves before winter is useful but not necessary. For summer use sow as early as possible in the spring. To raise Spinach in perfection the soil should be rich.

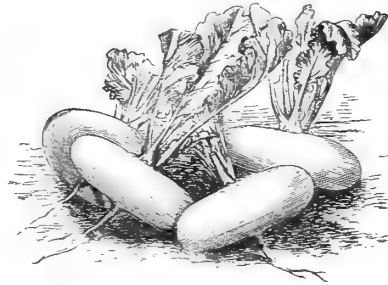
Spinach, New Thick-Leaved. (Long Standing), a fine market sort. Leaves large and thick, and somewhat crumpled. Does not run to seed as early as other varieties; per lb. 40 cents; oz. 10 cents 5
Round, or Summer, for spring sowing; per lb. 40 cents; oz. 10 cents 5
Large Round-Leaved Viroflay, very large thick leaves; per lb. 40 cents; oz. 10 cents 5
Bloodsdale Savoy-Leaved. (Norfolk), the earliest variety; comes quickly to a suitable size for use, but soon runs to seed; per lb. 40 cents; oz. 10 cents 5
Prickly, or Fall, hardiest and best for fall sowing; per lb. 40 cents; oz. 10 cents 5
New Zealand, very large and luxuriant; endures drought well and produces a large quantity of leaves; plants should stand at least two feet apart; per lb. \$1.00; oz. 10 cents 5

IMPORTANT.--At prices quoted we deliver to your door, unless otherwise noted.

TURNIPS.

Weißer Rüben.

The soil for Turnips should be rich and mellow. Sow in drills, from twelve to eighteen inches apart, and half an inch deep. When the plants are a few inches in height, and strong enough to resist the attacks of insects, thin them out to some five or six inches apart in



WHITE-TOP STRAP-LEAF.

Turnip, Strap-Leaved, White-Top, roundish medium size; one of the best, either for market or family use; per lb. 60 cents; oz. 10 cents 5

Strap-Leaved, Purple Top, similar to above, purple above ground; per lb. 60 cents; oz. 10 cents 5

Purple-Top White Globe, an improved variety of the purple-top flat Turnip. Globular in shape, of fine appearance, a good keeper, of excellent quality and equally desirable for table or stock. Per lb. 70 cents; oz. 10 cents 5

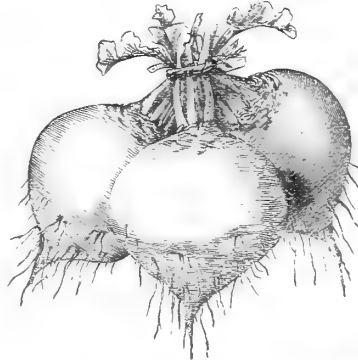
Extra Early Milan, new white variety, purple-top and strap-leaf. It is full as early as the purple-top Munich, and far superior to that variety. Remains in good condition a long time; per lb. \$1.00; oz. 10 cents 5

Early Snowball. Small, solid, sweet, of remarkable quick growth; per lb. 60 cents; oz. 10 cents 5

Early White Six Weeks, very early and fine; per lb. 75 cents; oz. 10 cents 5

New White Egg, a very excellent variety, nearly oval, or egg-shaped; flesh firm and fine grained, and of snowy whiteness; particularly desirable for the table; can be sown as late as the middle of August; per lb. 75 cents; oz. 10 cents 5

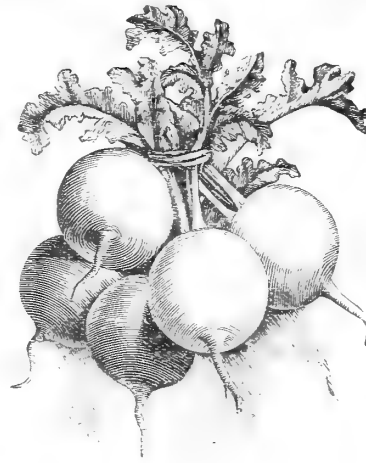
Orange Jelly, a very beautiful yellow Turnip, one of the very best yellows for the table; per lb. 75 cents; oz. 10 cents 5



WHITE SWEDE.



PURPLE TOP SWEDE.



EARLY WHITE SIX WEEKS.

the drills. Swede, or Ruta Baga Turnips should be sown by the first of June, the rows being about eighteen inches apart, and the plants in the rows not less than ten inches. The common, or English Turnip, comes to perfection in a short time, and if the weather is showery in the Autumn will mature if sown very late. In this climate we sow from the 25th of July until the middle of August. The Ruta Bagas are excellent for all kinds of stock, and are relished by all. Every farmer should grow this Turnip.

Turnip, Sweet German. This celebrated Turnip is white, sweet, a long-keeper, and generally solid until midsummer. It should be sown as early as the Swedes; per lb. 60 cents; oz. 10 cents 5

OTHER STANDARD VARIETIES.

- Early Yellow Dutch.
- Early White Flat Dutch.
- Early Purple Top Munich.
- Early White Stone.
- Pomeranian White Globe.
- Early Yellow Stone.
- White Norfolk.
- Jersey Navet.
- Long White Cow Horn.
- Yellow Globe.
- Purple Top Yellow Aberdeen.
- Seven Top.

Each 60 cents per lb.; 10 cents; per ounce; 5 cents per packet.

RUTA BAGA, OR SWEDE TURNIPS.

Ruta Baga, or White Swede, a large, white, solid Swede, sometimes called White Russian; per lb. 60 cents; oz. 10 cents 5

Carter's Imperial Purple-Top. One of the best Purple-Top varieties grown; very hardy; per lb. 60 cents; oz. 10 cents 5

OTHER STANDARD VARIETIES.

White Red Top. Green Top. Hall's Waterbury. Shirving's Liverpool. Laing's Purple Top.
Each 60 cents per lb.; 10 cts. per oz.; 5 cts. per packet.

USEFUL

A few Pot Herbs and Sweet Herbs should have a place in every vegetable garden. Every cook and every good housekeeper knows the value of the little patch of herbs upon which she makes daily drafts in the summer, and which furnishes such a nice collection of dried herbs for winter seasoning, without which the Thanksgiving turkey would be scarcely worth the having; while as domestic medicines several kinds are held in high repute.

- Anise, per lb. \$1.00; per ounce 10 cents 5
- Arnica, per ounce \$1.00 10
- Balm, per ounce 30 cents 5
- Basil, Sweet, per ounce 20 cents 5
- Bane, per ounce 20 cents 5
- Borage, per ounce 15 cents 5
- Caraway, per lb. \$1.00; per ounce 10 cents 5
- Catnip, per ounce 50 cents 10
- Coriander, per ounce 10 cents 5
- Cumin, per ounce 20 cents 5
- Dandelion, per ounce 25 cents 5
- Dill, per ounce 10 cents 5

HEDGE SEEDS.

Those who wish to have hedges, and are not in too much haste, can grow their own plants by sowing seed in drills, pretty thickly, and keeping the ground clean and mellow for one summer. Before sowing soak the seed in warm water for twenty-four hours.

Honey Locust, per lb., by mail, 40 cents; 100 lbs. delivered on board cars \$20.00

Osage Orange, by mail, per lb. 60

FIELD LUPINS.

Popular for soiling and for sheep. Sown in the spring and plow under when in flower.

Lupin, White, considered best in most respects; lb. 30

- Elecampane, per ounce 50 cents 10
- Fennel, Large Sweet, per ounce 10 cents 5
- Hoarhound, per ounce 30 cents 5
- Hop Seed, per ounce \$1.50 10
- Hyssop, per ounce 30 cents 5
- Lavender, per ounce 30 cents 5
- Marjoram, Sweet, per ounce 20 cents 5
- Nigella sativa, (All Spices), per oz. 10 cents 5
- Rosemary, per ounce 50 cents 5
- Rue, per ounce 20 cents 5
- Saffron, per ounce 15 cents 5
- Sage, per lb. \$1.50; per ounce 15 cents 5

Lupin, Yellow, a little less thrifty than the White, but keeping green longer; per lb. 30

Blue, somewhat used for soiling, but not yet so well known; per lb. 30

BROOM CORN.

The Evergreen is the favorite Broom Corn, and we think our stock is as pure as any.

Evergreen, per quart 40

RAPE.

Dwarf Essex. Excellent for sheep fodder. 20 cts. per lb. postage paid; \$8.00 per 100 lbs. freight.

SUN FLOWER.

Mammoth Russian, per lb. 30

HERBS.

A very small space in the garden will give all the herbs needed in the family. The culture is very simple; and the best way is to make a little seed-bed in the early spring and set the plants out in a bed as soon as large enough. As a general rule it is best to cut the herbs when in flower, tie them up in small bunches and hang in the shade to dry. We give a list of the herbs generally cultivated and prized. Of some kinds we furnish roots, as will be seen below:

- Savory, Summer, per ounce 15 cents 5
- Savory, Winter, per ounce 25 cents 5
- Sorrel, French, per ounce 20 cents 5
- Tansy, per ounce 30 cents 5
- Tarragon, per ounce \$4.00 20
- Thyme, Broad-Leaved English, per ounce 30 cents 5
- Summer, per ounce 30 cents 5
- Winter, per ounce 30 cents 5
- Wormwood, per ounce 30 cents 5
- Sage, roots, by mail, per doz. \$2.00; each 20
- Lavender, roots, by mail, per doz. \$2.00; each 20

SUGAR CANE.

The Early Amber seems to be far the best variety for the production of Syrup and Sugar, and is grown and used extensively particularly in the Northwest.

Early Amber Sugar Cane, per quart 40

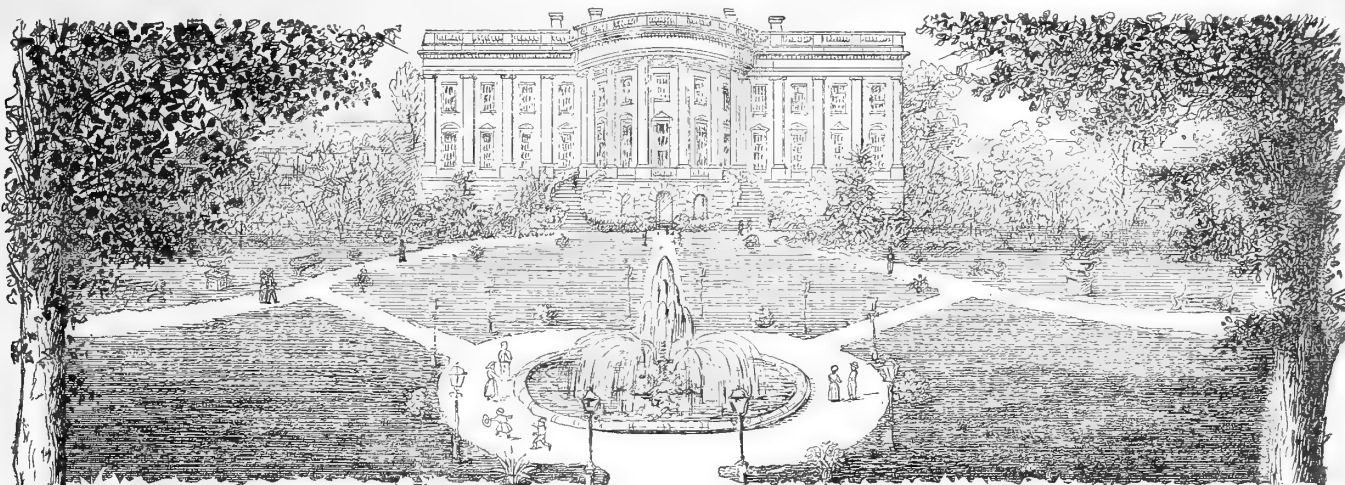
TOBACCO.

Connecticut Seed Leaf, per oz. 25 cents 10

Havana, or Cuban, per oz. 30 cents 10

WILD RICE.

Valuable as a forage plant for swamps and immediate lands. Stock are fond of it when grown and also when cured for fodder. It is also much sought after by water fowl. Per lb. 35 cts., postpaid; \$20 per 100 lbs., freight.



VICK'S VELVET LAWN GRASS, AND OTHER GRASS AND CLOVER SEEDS.

NOTHING is pleasanter about a house than a good lawn, and nothing is more easily made and kept in order by a little well directed care. To get Grass Seed up quickly and evenly, the surface must be mellow, so that it will not bake after a rain. If the soil is clayey, after sowing the Grass Seed cover the surface with a light coating of manure, which may remain, except a little of the coarsest. Four bushels of Grass Seed for an acre are required to make a good lawn in a short time; for small plats, five quarts to six square rods, or about one quart to a square rod, should be sown. Sow Grass Seed for lawns as early as possible in the spring, so as to give seed the benefit of early spring rains. Late sowing is seldom successful. It is better to wait until September than to sow after warm weather has commenced. The best single kind is Kentucky Blue Grass. To four bushels of this (per acre) add White Clover and Sweet Vernal Grass, about two pounds of each, and this will make an excellent lawn. Our preparation of Lawn Grass contains Blue Grass, White Clover, and Sweet Vernal Grass, and other very choice and fine Lawn Grasses, and is, we think, the very best preparation possible for our hot and dry summers, as we have been long making experiments to ascertain this fact. **At the price per bushel and peck we deliver to Express Company here or on board cars. No charge for bags or packing. By quart and pound we prepay postage.** As many of our customers have written heretofore asking the quantity for certain space, we submit herewith a comprehensive table that will admit of close figuring, showing how much seed is needed for any number of square feet:

For 1 acre, 43560 square feet . . . 4 bu. or 55 lbs.	For 1/2 acre, 14520 square feet . . . 1 1/2 bu. or 19 lbs.	For 1-16 acre, 2725 square feet . . . 1/4 bu. or 3 1/2 lbs.
" 1/2 " 21780 " " " 8 "	" 1/3 " 5450 " " " 7 "	" 1-12 " 3360 " " " 4 "
" 3/4 " 10860 " " " 1 " 14 "	" 1/6 " 7260 " " " 9 1/2 "	" 1-52 " 1302 " " " 2 "

Vick's Velvet Lawn Grass. A pure, heavy and clean seed, which will make, as its name implies, almost a velvet lawn surface. It is the finest mixture ever offered to the public, and will stand winter and shows constantly a deep rich green. For quantity required for lawn, see notes above; price, bush. of 14 lbs. \$4.00; peck, 3 1/2 lbs \$1.10; less than peck quantity, per lb. 40 cents prepaid; per quart prepaid 25

Kentucky Blue Grass (*Poa pretensis*). The best of all Lawn Grasses. In conjunction with White Clover it forms the finest and closest turf. As a pasture grass it furnishes the most nourishing food for cattle of any, until winter; thrives on a variety of soils, but does best in dry and somewhat shady localities. Four bushels for lawn purposes and 1 1/2 bushels per acre for pasture. Extra clean, 100 lbs. \$18.00; bushel (14 lbs.) \$3.00; peck \$1.00; qt. 25

Rough Stalked Meadow Grass (*Poa trivialis*). One of the most valuable grasses to cultivate in moist, rich, sheltered soils. 20 pounds to the acre; per 100 lbs. \$40.00; per pound 50

Poa annua, a short, pale green grass, and will do with less cutting than other varieties; per pound 50

Creeping Bent, or Florin (*Agrostis stolonifera*). Desirable for mixing with other lawn or pasture grasses, as it thrives in moist land, on which water does not stagnate. (15 lbs. to bushel), 1 to 1 1/2 bushels per acre; per 100 lbs. \$20.00; per pound 30

Red Top (*Agrostis vulgaris*). Valuable as a mixture in either lawn, pastures, or meadows, growing in almost any soil, moist or dry. For lawns 3 bushels, for pasture 1 1/2 to 2 bushels per acre; per 100 lbs. \$6.00; bushel (14 lbs.) \$1.50; peck 40 cents; pound 20

Crested Dog's-Tail (*Cynosurus cristatus*). Useful for sheep pastures, on dry, hard soils; one of the grasses used for lawn grass mixtures. 25 lbs. to the acre; \$35.00 per 100 lbs; per pound 55

Sweet Vernal Grass, TRUE PERENNIAL (*Anthoxanthum odoratum*). The chief merit of this grass lies in its fragrant odor, which the leaves emit when partially dried; per lb. \$1.10; per ounce 15

Common Sweet Vernal; per lb. 40 cents; ounce 10

Fowl Meadow Grass (*Poa serotina*). Suitable for low, moist land. May be mowed any time from July to October. Always sweet and tender, cattle and sheep are fond of it. Succeeds best when mixed with other grasses. 1 to 1 1/2 bushels to the acre; per 100 lbs. \$20.00; bushel (12 lbs.) \$2.70; peck 80 cents; pound 40

Tall Meadow Oat Grass (*Avena elatior*). Valuable for pasture on account of its early and luxuriant growth. The most promising for replacing prairie grass at the west. Four bushels to the acre; 100 lbs. \$20.00; bushel (13 lbs.) \$3.00; peck, 85 cents; pound 40

Orchard Grass (*Dactylis glomerata*). One of the very best pasture Grasses, as it is exceedingly palatable to stock, and will endure a good deal of cropping. 1 1/2 to 2 bushels per acre; per 100 lbs. \$13.00; bushel (14 pounds) \$2.20; peck 60 cents; pound 35

Perennial Rye Grass (*Lolium perenne*). Valuable for permanent pasture, in mixture with other pasture grasses. Succeeds best on moderately moist land. 1 1/2 to 2 bushels per acre; per 100 lbs. \$7.00; bushel (24 lbs.) \$2.00; peck 60 cents; pound 25

Italian Rye Grass (*Lolium Italicum*). Used in Europe for soiling. Gives an early, quick, and successive growth, till late in fall. Recommended for use in pasture mixtures. 2 bushels to the acre; per 100 lbs. \$3.50; bushel (about 18 lbs.) \$1.80; peck 55 cents; pound 25

Meadow Fescue (*Festuca pratensis*). An excellent pasture grass. Its long and tender leaves are much relished by cattle. Should be sown in mixture with other grasses, as Orchard Grass, Rye Grass or Kentucky Blue Grass. 40 lbs. to the acre; per 100 lbs. \$16.00; bushel \$4.00; peck 55 cents; pound 25

Timothy (*Phleum pratense*). A field and not a pasture grass, as it will not endure close and frequent cropping; but for a hay crop on strong soils, it will produce more than any other sort. 1/4 to 1/2 bushel per acre; per bushel (45 lbs.) market price, pound by mail 25

Hungarian Grass (*Panicum Germanicum*). One of the most valuable annual soiling plants. It will grow in any ordinary soil, withstands drought remarkably, and may be sown as late as first of July, and produce a large green crop. 1 1/2 bushels to acre; per bushel (48 lbs.) \$1.50; peck 60 cents; pound 20

German, or Golden Millet. A medium early forage plant, prolific of both stalk and grain. 25 lbs. to acre; per bushel (50 lbs.) \$1.50; peck 60 cents; pound 20

Johnson Grass (*Sorghum Halepense*). Popular in the Southern States, where it is considered one of the most valuable forage plants of recent introduction. 1 bushel to the acre; per 100 lbs. \$14.00; bushel (25 lbs.) \$4.00; peck \$1.25; pound 30

Grass Mixtures for permanent pastures made to order.

CLOVER.

Spec.

White (*Trifolium repens*). Valuable for mixing with lawn grass, and should be in every mixture for permanent pasture. Per 100 pounds, \$28.00; per pound, by mail, 40 cents; ounce 10

Medium Red (*Trifolium pratense*). Excellent for pasture or hay; valuable as a green manure, and should be in all grass mixtures. 8 to 10 lbs. per acre when sown alone. Per bushel, market price; per pound, by mail 25

Mammoth Red (*Trifolium pratense*). Used largely for plowing under for manure. Its stalks are so coarse that stock will eat only the leaves, but by judicious use, exhausted lands can be reclaimed, as it will grow where common clover will fail. 8 pounds to the acre. Per bushel, market price; per pound, by mail 25

Alsike, or **Swedish** (*Trifolium hybridum*). Thrives in rich moist soil. Does not succeed on high dry lands. Six pounds per acre. Per 100 pounds, \$18.00; per pound, by mail, 40 cents; per ounce 10

Scarlet or Crimson (*Trifolium incarnatum*). An annual variety, in common use in Italy and the south of France for feeding green. It furnishes very early fodder. Eight pounds to the acre. Per 100 lbs. \$16 00; per pound 30 cents; per ounce 10

Sweet, or **Bokhara** (*Melilotus alba*). Pound 50 cents; per oz. 10

Alfalfa, or **Lucerne** (*Medicago sativa*). Where this succeeds it is the most valuable of all the clovers; but it is difficult to secure a good stand, as it requires a very fine, mellow, deep soil. Per 100 lbs. \$20.00; per pound, by mail, 40 cents; per ounce 10

Sainfoin (*Onobrychis sativa*). A perennial belonging to the same family as Clover and Lucerne, used in France as a forage plant. Requires a calcareous soil. 4 bushels to the acre. (About 26 pounds to bushel). Per 100 pounds, \$10.00; per pound, by mail 30

Spring Vetches, per bushel, \$3.00; per pound, by mail 20

STANDARD VARIETIES OF SEED GRAIN, Etc.

At pound or quart prices we prepay postage. Pecks or bushels by Express or Freight at expense of purchaser. Special prices on large quantities.

FIELD CORN.

Mais.

Champion White Pearl. A new early, thorough-bred, white dent Corn, from Illinois. It ripens in 90 to 100 days from time of planting. The grain is large and cob small, makes a good sized ear, averaging sixteen rows of grain. Per quart 30 cents; per peck 55 cents; per bushel \$1.75.

Golden Beauty. Ears perfect in shape, 10 to 16 rows, grains very large, filled out to the extreme end of the cob; very productive. Per quart, 30 cents; peck 55 cents; bushel \$1.75.

Improved Leaming. Stalks of good size, setting two large handsome ears. Kernels very deep, orange color; cob very small. Per quart 30 cents; peck 55 cents; bushel \$1.75.

Pride of the North. Yellow dent, 16-rowed; cob very small and red; kernels closely set upon the cob, above medium size, and of deep orange color. Stalks medium size. The earliest of the dent varieties. Per quart 30 cents; peck 55 cents; bushel \$1.75.

King of the Earliest. One of the best of the yellow dent varieties, very productive and ripens extremely early, hence succeeds admirably far north. Per quart 30 cents; peck 55 cents; bushel \$1.75.

Angel of Midnight. A new extra early yellow flint 8-rowed variety. Ear 10 or 12 inches long, perfect in shape, and filled from tip to tip. Per quart 30 cts.; peck 55 cts.; bushel \$1.75.

Longfellow. An early 8-rowed yellow flint variety. Ears from ten to fifteen inches long, and filled out to tip of cob; cob small; kernels long and broad. Per quart 30 cts.; peck 55 cts.; bushel \$1.75.



LONGFELLOW.



PRIDE OF THE NORTH.

BARLEY.

Ceriv.

Hullless. Heads long and well filled with plump heavy kernels, Hullless, like wheat when threshed. Ripens early and yields about 10 bushels more per acre than other Barleys. Makes a very sweet, wholesome flour, excellent for combining with wheat or rye flour, or corn meal. Should be sown on rich, gravelly, warm upland. Per pound 25 cents; three pounds 60 cents; peck 75 cents; bushel \$2.50.

Mansbury, 4-rowed. Heads are long and drooping; straw bright and very strong; does not lodge on richest ground. Per pound 25 cents; three pounds, 60 cents; peck 65 cents; bushel, \$2.00.

OATS.

Oafet.

Vick's Improved American Banner. After thousands of trials in all parts of the country, its fame is higher and more secure than ever before, in fact it stands as the Banner Oat. An average of 80 pounds has been raised from one pound of seed and 100 bushels from an acre. The grain is white, large and plump, ripens early, has stiff straw of good length. It tatters freely and throws up a large number of stems, and therefore can be sown thinner than ordinary oats.

Prices, post-paid, per pound, 25 cts.; per three pounds, 60 cts. By express or freight, at expense of purchaser, per peck, 50 cts.; per bushel, \$1.50; per five bushels, \$7.00. For large quantities, special prices.

Vick's New 40-pound.

SPRING RYE.

Roggen.

Pound 25 cents; 3 pounds 60 cents; peck 65 cents; bushel \$2.00.

BUCKWHEAT.

Budweizen.

New Japanese. The yield of this new variety is largely in excess of the old one. The straw is heavier and more branching, kernels twice the size of the old kinds, ripening a week earlier, while the flour made from it is fully equal to that of any other variety.

Per pound, 25 cts.; three pounds, 60 cts.; peck 60 cts.; bushel \$1.50.

SEEDS IN BULK.—In the following list we quote prices for seeds by the bushel, peck, and quart, when sent by railroad or express AT THE packing, and cartage free; but in no case can we prepay the charges, unless the amount has been previously advanced to us for that purpose. On all seeds not included in this list, ordered by Express or Freight, the purchaser may deduct 10 cents per pound from the prices given in the preceding pages.

BEANS.

	Per Quart.	Peck.	Bush.
Prolific Black Wax	\$ 30	\$1 75	\$7 00
Wardwell's Kidney Wax	30	2 00	7 00
Golden Wax	30	1 75	7 00
Extra Red Valentine	25	1 75	6 00
Early Mohawk	20	1 25	5 00
Long Yellow Six-Weeks	20	1 35	5 00
Extra Early Refugee	20	1 35	5 00
White Kidney	20	1 35	5 00
White Marrowfat	20	1 35	5 00
Large Lima	25	1 75	7 00
King of the Garden Lima	35	2 50	9 00
Extra Early Lima	35	2 50	9 00
Deer's Improved Lima	55	2 50	9 00

	Per Quart.	Peck.	Bush.
London Hortic'l or Cranb'y	\$ 25	\$1 75	\$7 00
Scarlet Runner	25	1 75	7 00

SWEET CORN.

Vick's Earliest of All	35	2 00	6 00
All other varieties	20	1 10	4 00
Parching Corn (ears)	20	75	2 50

PEAS.

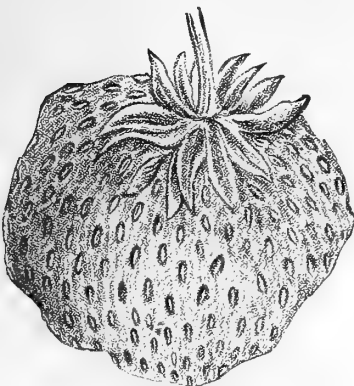
Vick's Extra Early	25	1 25	4 50
Alaska	25	1 25	4 50
Carter's Fine Crop	25	1 10	4 00
Kentish Invicta	25	1 25	4 50
The Charmer	35	1 85	7 00
King of the Dwarfs	35	1 85	7 00
Blue Peter	25	1 60	6 00

	Per Quart.	Peck.	Bush.
Tom Thumb	\$ 30	\$1 60	\$6 00
Bliss' American Wonder	35	1 85	7 00
McLean's Little Gem	30	1 50	5 50
Laxton's Alpha	30	1 60	6 00
McLean's Advance	25	1 25	4 50
Horsford's Market Garden	30	1 60	6 00
Bliss' Everbearing	35	1 60	6 00
Bliss' Abundance	35	1 60	6 00
Yorkshire Hero	25	1 35	5 00
Champion of England	25	1 35	5 00
Telephone	35	1 85	7 00
Pride of the Market	35	1 85	7 00
Black-eyed Marrowfat	15	75	2 50
White Marrowfat	15	75	2 50
Field, for sowing broadcast	10	50	1 50

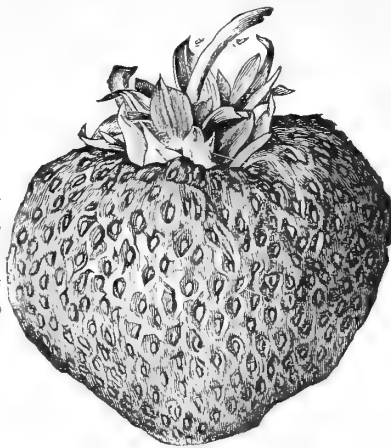
SMALL FRUITS.

Beerenobst.

We pack carefully, and guarantee their safe arrival to destination, after which our responsibility ceases. All plants will be sent by Mail or Express **at the expense of purchaser**, except as noted. The varieties offered are the best standard sorts in cultivation. Not less than 400 plants at thousand rates.



SHARPLESS.



BUBACH.

STRAWBERRIES.

Erdbbeeren.

FOR FIELD culture, plant in rows four feet apart, with the plants one foot apart in the row. For garden culture, plant three by one foot. Should the ground not be prepared for planting, on receipt of plants, they should be carefully heeled in, in a cool, moist, shady place. Do not sprinkle the foliage, as it causes a moisture to collect which is very injurious to the crowns, causing them to rot. In setting the plants be careful to have the crown even with or a little above the surface of the ground, and to have the trench or hole in which the plant is to be set deep enough to allow the roots their full length. Some varieties of Strawberries have pistillate or imperfect flowers. These must have perfect-flowered varieties planted every fifteen or twenty feet among them or they will produce imperfect fruit. The pistillate varieties are marked with the letter P.

Our Pot Grown Strawberry Plants are much stronger and come to bearing earlier than the ordinary kinds. They are well worth the double price, as they are all extra choice selected plants, and will fruit the first season.

These are strong, vigorous plants, and true to name. We do not substitute, as our stock is ample.

At dozen prices we prepay postage; at 100 rates add 25 cents per 100 for mailing, if wished by mail. Pot plants by express only, not prepaid.

Strawberry, Beder Wood. Plants vigorous and very productive; fruit large, of fine form and bright color, moderately firm, quality good. An early, productive variety of much merit. Price 50 cents per dozen; \$1.00 per 100; \$6.00 per 1000. *Pot grown plants, 75 cents per dozen; \$4.00 per 100.*

Bidwell, one of the best early, on heavy soil. Large, conical, bright crimson, excellent quality. Requires good culture. Price 30 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, dozen 60 cents; \$3.00 per 100.*

Bubach, (P.) Large size, great producer, vigorous grower on rich soil and superior in quality. Ripens with Crescent. Bright, well colored berries, of fine form, handsome in appearance and of fine flavor. Price 40 cents per doz.; 85c. per 100; \$5 per 1000. *Pot grown plants, doz. 75c.; \$4.00 per 100.*

Burt. An Empire State berry, bright, well formed, unusually firm, making a good shipper. Very productive, hardy and late. Price 30 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, doz. 60c.; \$3.00 per 100.*

Crescent, (P.) Bright scarlet, immensely productive, early and profitable. Berries medium size, not the best for shipping long distance, but for near markets a profitable variety. Price 30 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, dozen 60 cents; \$3.00 per 100.*

Chas. Downing. An old and ever popular variety, from Maine to California. Fine flavor, very productive. Adapted to all sorts of soils and locations. Fruits in middle of season. Foliage rusts in some sections. Price 30 cents per doz.; 75c. per 100; \$4.50 per 1000. *Pot grown plants, doz. 60c.; \$3 per 100.*

Cumberland. An excellent, though old variety. For size, beauty and productiveness it is unsurpassed. Flavor fine, plant vigorous, doing well anywhere. Price 30 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, dozen 60 cents; \$3.00 per 100.*

Eureka, (P.) Plant healthy and vigorous. Berries large and handsome, bright crimson, flesh almost white; quality very good, sweet, very productive. Profitable for marketing. Midseason. Price 40 cents per dozen; 85 cents per 100; \$5.00 per 1000. *Pot grown plants, dozen 75 cents; \$4.00 per 100.*

Greenville. *New.* See Novelty pages. Per doz. 75 cents; per 100 \$2.50.

Haverland, (P.) Plants vigorous and stand a drought well; fruit long, cone-shaped with a neck, medium to large size, light scarlet color; quality good; very productive, and fruit continues to ripen through a long season. Price 40 cents per dozen; \$1.00 per 100; \$6.00 per 1000. *Pot grown plants, 60 cents per dozen; \$3.00 per hundred.*

Jessie. Large size, handsome, regular form and desirable in some localities, while in others it has not proved so satisfactory. Stout and luxuriant in growth on rich soil; free from rust. Beautiful color, fine quality, very productive, quite firm. Price 30 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, dozen 60 cents; \$3.00 per 100.*

Strawberry, Kentucky. Strong and vigorous, very productive, bearing berries high. Bright scarlet fruit, good quality, sweet, not adapted to long shipments, but valuable for a near market. Price 30 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, dozen 60 cents; \$3.00 per 100.*

Lovett's Early. A cross between Crescent and Wilson. More prolific than the former and double its size. Color brilliant and as firm as the latter. Ripens very early. Very hardy and vigorous in growth. Price 40 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, dozen 75 cents; \$4.00 per 100.*

Michel's Early. Resembles Crescent, plant of very strong growth, with abundant foliage. Fruit firm and ripening early. A very satisfactory market berry in the South. Price 30 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, dozen 60 cents; \$3.00 per 100.*

Parker Earle. Plant very vigorous and wonderfully productive; fruit uniformly large, of regular conical shape; color bright crimson and ripening and coloring evenly; goes to market in fine shape. This variety has acquired a splendid reputation and will be largely cultivated. Price 40 cents per doz.; \$1.00 per 100; \$6.00 per 1000. *Pot grown plants, 60 cents per doz.; \$3.00 per 100.*

Sharpless. Very vigorous and productive, one of the largest known, fine flavor, and delicate aroma. Clear red, with smooth surface. This variety requires a rich, strong soil and good culture, and will repay extra care in cultivation when one has a market where fine fruit is appreciated. Price 30 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, doz. 60 cents; \$3.00 per 100.*

Wilson. The justly popular old market sort. Its good qualities have outlived hundreds of new varieties. To obtain best results, it should be grown on rich, heavy soil. This variety is yet largely raised for market purposes, and in the family garden it maintains a place especially for culinary use, as it has no superior for canning. Price 30 cents per dozen; 75 cents per 100; \$4.50 per 1000. *Pot grown plants, dozen 60 cents; \$3.00 per 100.*

GOLDMAN'S ATOMIZER AND SPRINKLER FOR A THOUSAND AND ONE USES.

COMMENT UNNECESSARY



"Look at this! Look at it good!" Read the description of it and then **look at it again.** They go fast. Every person seeing them wants one. You will want one yourself; your neighbors will each want one. It is just the thing for indoor plants; window gardening made easy; excellent for sprinkling clothes. By turning the perforations up, you can sprinkle on the underside of the plant leaves just where the insects live and breed. Its other uses impossible to describe here. **Price by mail 50c.** It ought to be \$1.. Or we will send you **three for \$1.20.**

RASPBERRIES.

Simbercen.

There are two general types of Raspberries and they require different treatment. Blackcaps and others that increase from the ends of the canes should be planted 3 feet by 7; 1,074 plants to the acre. Prepare the land same as for strawberries and mark off in rows 3½ feet apart. Set the plants in every other row and plant potatoes, corn or beans half-way between. Cultivate often enough to keep the soil loose and free from weeds. When the canes attain the height of 1 foot, pinch off the end. This causes the cane to branch, grow stocky and self supporting. In the spring of the bearing year cut these branches back to within 6 inches of the main stalk. After fruiting cut out all of the dead wood. Red Raspberries and others that sucker should be set 3 feet by 6 apart. Allow only three or four canes in each hill to grow; treat all others that spring up as weeds. When three or four feet high pinch back cane same as with Blackcaps. The secret of raising fine crops of Raspberries is in rigorous pruning and keeping suckers down. If not checked the tendency is to mat the surface with canes, when very little fruit is secured.

If by mail, add 10 cents per dozen.

For field culture plant in rows about five feet apart, with plants three and a half feet in the row, except Cap varieties, which should be six feet by three and a half feet. For garden culture they may be set three feet apart each way, with Caps four by three feet.

If by mail, add 15 cents per dozen.

Raspberry Cuthbert. RED. A most valuable late variety for home use or marketing; large, firm, and of superior quality; very productive; dozen 40 cents; hundred \$1.25; thousand . . . \$8 00

Raspberry Marlboro. RED. The largest of the early reds, ripening earlier than the Hansell. Similar to the Cuthbert, but is gone before the Cuthbert comes on. Canes dwarfish, fruits very prolific in rich soil; dozen 50 cents; hundred \$1.50; thousand . . . 12 00

Thompson's Early Prolific. RED. See *Illustration, natural size.* For earliness, hardness, vigor, beauty, and quality, it is unsurpassed. It is a vigorous grower, canes 4 to 6 feet high; very healthy foliage, and very productive of large, bright red, firm berries of good quality. It is seldom that we have planted a new fruit that has given us such good results as this. The plants all survived transplanting and grew past all precedent. It evidently has no foreign blood in it, but appears to be a hardy native. Ripens with the late strawberries and is our favorite for an all round variety; dozen 50 cents; hundred \$2.50; thousand . . . 15 00

Golden Queen. YELLOW. The great beauty, large size, productiveness and high quality of this variety are valuable points. It seems equally as hardy as any other sort, and is a grand addition to this class of fruit. It will become a general favorite for the home garden or near market, as its merits become known. Color light amber; dozen 60 cents; hundred \$2.50; thousand . . . 15 00

Raspberry Palmer. BLACK. This is very similar to the Standard Early "Tyler," but larger and better, and is very highly recommended for early fruiting; as far ahead of Tyler as that was of the old Doolittle; dozen 60 cents; hundred \$2.50; thousand . . . 12 50

JAPANESE WINE BERRY.

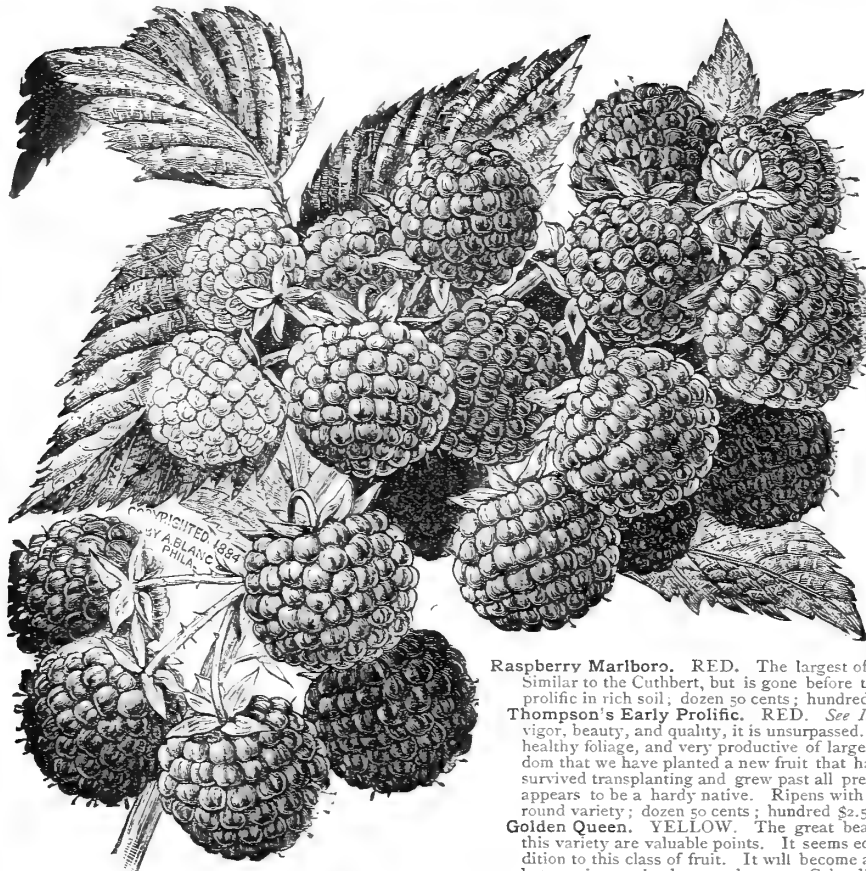
Japanische Weinbeere.

It belongs to Raspberry family. Is a strong vigorous grower; hardy. Plants 25 cts. each, postage paid; per dozen \$1.75; per 100 \$10. If by mail add 15c. per doz.

CURRENTS.

Zahannisbeeren.

La Versailles. A very popular market sort. The largest red except Fay's Prolific. Bushes rugged; fruit large in large bunches, very tart; 1 year 75 cents per dozen; \$4.00 per 100. 2 year \$1.00 per dozen; \$5.00 per 100.
Lee's Prolific. Black. Best for all purposes. Early, large and productive. Sweet as a huckleberry; 1 yr. 75c. doz.; \$4 per 100. 2 yr. \$1 doz.; \$4 per 100.
White Grape. Strong grower, fruit medium size; 1 year 75 cents per dozen; \$4.00 per 100. 2 year \$1.00 per dozen; \$5.00 per 100.



THOMPSON'S EARLY PROLIFIC.

Raspberry Gregg. BLACK. Very large; of excellent quality, wonderfully productive, and very hardy; late; dozen 40 cents; hundred \$1.25; thousand . . . 9 00

The Kansas. BLACK. A new raspberry from the west, giving promise of great value. The early tips will grow from the bud that in other kinds remains dormant; grow two to four feet the same fall, and stand uninjured the next winter. Grows well in hot and dry spells; produces more canes and branches, covered with a thick, blue bloom, and is of much larger size than the Gregg; jet-black color, firm texture and delicious quality; doz \$1; 100 6 00

Ohio. BLACK. Fruit large, of fine quality, and considered the best of the Cap varieties for drying purposes. It is a strong grower, hardy and very productive; late; dozen 40 cents; hundred \$1.25; thousand . . . 9 00

Choose a moist, rich soil for Currants. Plant 5 feet apart each way. Keep from weeds and grasses by liberal cultivation and mulching. Use plenty of manure and trim out superfluous wood by cutting back the new growth two-thirds each year. Trim out the old wood once in two years and allow new canes to grow from the roots.

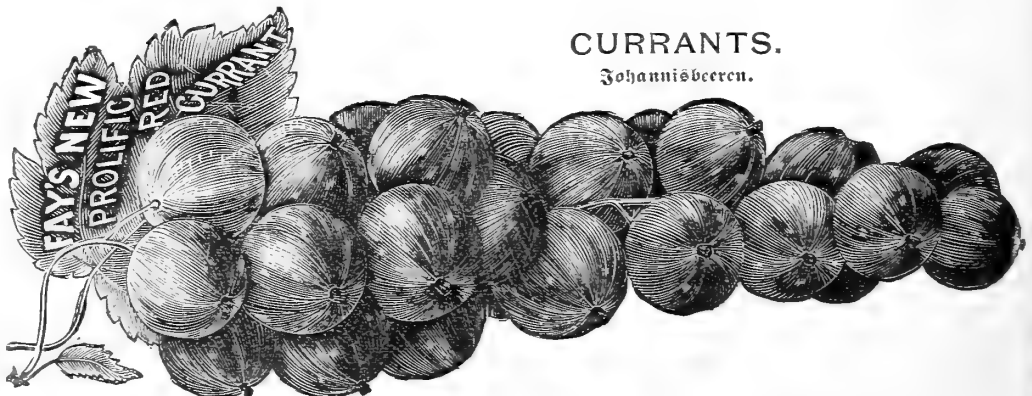
If by mail add 15 cents per doz.

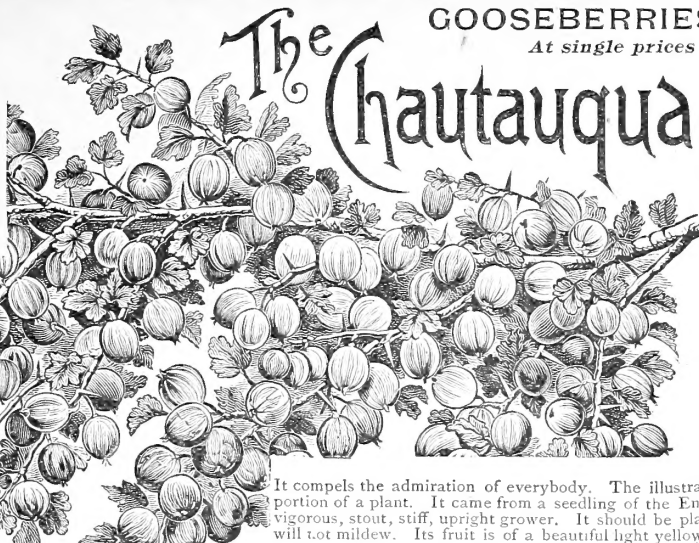
Currants, Black Naples. A fine European variety of superior quality; very prolific; 1 year 60 cents per doz.; \$3 per 100. 2 yr. 75 cents per doz.; \$4 per 100.

Black Champion. An English variety; fruit large, handsome, and highly flavored; extra good for jams, etc.; 1 year 75c. per dozen; \$4.00 per 100; 2 yr. doz. \$1; per 100 \$5.00.

Cherry. Large and productive. The standard for market; 1 yr. 75 cents per dozen; \$4.00 per 100. 2 year \$1.00 per dozen; \$5.00 per 100.

Fay's Prolific. (See cut.) Immensely popular, the supply hardly ever equaling demand. Said to be productive more than the Cherry and easier to pick. Good flavor and bears early. Adapted to light soil; 1 year \$1.00 per doz.; \$4.00 per 100. 2 year \$1.50 per doz.; \$8.00 per 100.





GOOSEBERRIES.

Stachelbeeren.

At single prices we prepay postage.

The **Chautauqua**

Gooseberries thrive best if planted where they will receive a partial shade. Plant the same distance as Currants. Gross feeder, liking deep, rich soil. Gooseberry jam in England is used by many in place of butter. Should be gathered with a gloved hand, stripping the bush. Picked green they will stand shipment to market and ripen well. Are a profitable crop, being hardy and require but little attention and rarely die. In case of mildew, spraying with sulphite of potassium is recommended. It is quite inexpensive. Add 20 cents per dozen by mail.

Gooseberry, Chautauqua. The new white. Equals the finest and largest varieties in size, beauty and quality. It excels all others in vigor of yield.

It compels the admiration of everybody. The illustration is from a photograph of a portion of a plant. It came from a seedling of the English type and its bush is very vigorous, stout, stiff, upright grower. It should be planted in partial shade, where it will not mildew. Its fruit is of a beautiful light yellow (nearly white), free from pines and hairs, veined and translucent, averaging one to one and one-fourth inches in diameter, often one and one-half inches long. It is safe to say that it is the largest ever produced. Thick skinned, very sweet and of exquisite flavor and highly recommended by experts. Strong plants, each 75 cents; \$8.00 per doz.

Industry. A new English variety that is a valuable acquisition. The fruit is dark red, very large and of a rich, agreeable flavor; an immense yielder; each, 25 cents; \$2.00 per doz.; \$12.00 per 100.

Downing's. A native seedling, greenish white, vigorous, hardy and prolific, large fruit. Free from mildew; each, 20 cents; \$1.00 per doz.; \$6.00 per 100.

Smith's Improved, large, pale greenish-yellow, thin skin and excellent quality. Exceedingly productive; each, 25 cents; \$1.25 per doz.; \$7.00 per 100.

Golden Prolific. This new variety is an American seedling of English type. The foliage is a dark glaucous green, and in the early stages of growth the wood is very spiny, making it quite distinct in this respect. The fruit is large, of a deep golden yellow, excellent in quality and very attractive in appearance. It is perfectly hardy, very prolific, a good grower, and unusually free from mildew. Plants, each, 50 cents; \$5.00 per doz.

BLACKBERRIES.

Brombeeren.

If by mail add 15 cents per dozen.

For field culture, plant in rows six feet apart, with plants three feet apart in the row. For garden culture, five by four feet.

Blackberry, Agawam. A hardy and very prolific variety; fruit sweet and soft to the center. An early and reliable sort. 50 cents per doz.; \$1.50 per 100; \$12.00 per 1000.

Early Harvest. Among the earliest varieties and particularly valuable on this account, especially in the home garden. It is very productive, and though not of the largest size is yet very handsome and sells well in the market. 50 cents per doz.; \$1.50 per 100; \$12.00 per 1000.

Erie. This variety follows closely the Early Harvest in period of ripening. Fruit of large size, roundish, uniform in size, excellent quality and handsome. A valuable variety for home use or market. 60 cents per doz.; \$3.00 per 100; \$20.00 per 1000.

Kittatinny. This excellent variety was once a general favorite, but it proved somewhat tender in northern localities, and on this account only it has given place to more hardy sorts. South of New York it is uniformly hardy, and in that region is highly esteemed. The plant is a strong grower and very productive. Berries large, handsome and of the best quality. 50 cents per doz.; \$1.50 per 100; \$12.00 per 1000.

Minnewaska. A variety of the greatest value. The plants are very vigorous, quite hardy all through this region, highly productive, fruit large, jet black and shining, uniform in size, sweet and soft to the center; commences to ripen early and continues until the middle of September. An immense producer. 60 cents per doz.; \$3.00 per 100; \$20.00 per 1000.

Snyder. Esteemed in the coldest portions of the country on account of its extreme hardiness. Berries of medium size but produced in abundance, sweet, juicy, and when fully ripe without a hard core. Well adapted to the North-west, where other varieties are injured in severe winters. 50 cents per doz.; \$1.50 per 100; \$12.00 per 1000.

Wilson Junior. A variety moderately hardy and will do well in the Southern Middle States and further South. It is a vigorous growing variety and very productive; fruit large and good and ripens early. 60 cents per doz.; \$2.50 per 100; \$20.00 per 1000.

sells well in the market. 50 cents per doz.; \$1.50 per 100; \$12.00 per 1000.

vine a strong grower, and abundant bearer. This is a variety of remarkable merit, and will take a place above any white variety now known. Strong, two year vines, each, 25 cents; \$2.25 per doz.; \$14.00 per 100.

Agawam (Rogers 15). Fine large red, borne in clusters of good size. Excellent quality. Aromatic flavor, peculiar to this variety. Strong growing vine and very productive. 2 year vines, 20 cents each; \$1.25 per doz.; \$6.00 per 100.

Brighton, dark red; ripens very early. One of the most desirable; 2 year vines, 20 cents each; \$1.50 per doz.; \$8.00 per 100.

Catawba. Large and compact, berries deep red, sweet and juicy; 2 year vines, 20 cents each; 75 cents per doz.; \$5.00 per 100.

Champion (Talman). The earliest of all black grapes. Bunch medium and compact. Berries firm with thick skin. Not remarkably good quality, but profitable grower. 2 year vines 20 cents each; 75 cents per doz.; \$5.00 per 100.

Concord, black. The most popular and reliable variety in cultivation. 2 year vines, 20 cents each; 75 cents per doz.; \$4.00 per 100.

Delaware. A noble variety; in quality most exquisite. Here it does well and is our most reliable grape. Bunch and berry small. Color light red; very sweet, juicy and high flavored. 2 year plants, each, 25 cents; \$2.00 per doz.; \$9.00 per 100.

Empire State. Seedling Hartford crossed with Clinton. Extremely hardy, strong grower and heavy bearer. Medium size, white tinged with yellow. Ripens before Concord. 2 year vines, 25 cents each; \$2.00 per doz.; \$10.00 per 100.

Lady. Light greenish-yellow skin, bunch and berry of good size. Vine of good growth. Very productive. Ripens early. 2 year vines, 25 cents each; \$2.00 per doz.; \$10.00 per 100.

Moore's Early, black; about two weeks earlier than Concord. Bunch and berries very large. 2 year vines, 25 cents each; \$1.75 per doz.; \$9.00 per 100.

Niagara, new, strong vigorous grower; bunch and berries large and of good quality; color light green; very productive; strong. 2 year vines, each, 20 cents; \$1.50 per doz.; \$7.00 per 100.

Pocklington. Resembles Niagara, but of better quality, though of slower growth. 2 year vines, 25 cents each; \$1.75 per doz.; \$9.00 per 100.

Salem (Rogers 53). Very like Agawam in all respects. Popular and good. 2 year vines, 20 cents each; \$1.50 per doz.; \$7.00 per 100.

Vergennes. Bunch and berries large, of a light red color, clings firm to stem, flavor rich and sweet, ripens early. Excellent keeper. 2 year vines, 25 cents each; \$2.00 per doz.; \$10.00 per 100.

Wilder (Rogers 4). Hardy black, fine quality, good grower and moderately productive. Mid season. Bunches and berries large. 2 year vines, 20 cents; \$1.50 per doz.; \$8.00 per 100.

Worden. The best of all the black grapes, and the most productive and satisfactory of all varieties. A strong grower, heavy yielder, healthy foliage, fine showy bunches and large berries of excellent quality, ripening early. It should be the first to be selected in making a garden collection. 2 year vines, each, 20 cents; \$1.50 per doz.; \$8.00 per 100.

Our vines are all strong 2-years old and true to name.

☞ In ordering by mail enclose 15 cents per dozen for postage, otherwise we ship by express or freight at expense of purchaser.

GRAPES.

Weintrauben.

At single prices we prepay postage.

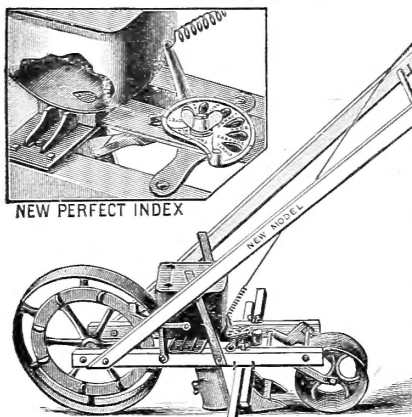
The United States is rapidly taking the lead in Grape culture over any other country. In this small space we cannot give but the briefest instructions. There are many excellent works written especially on grape culture. The rows should be eight feet apart and the vines from six to eight feet apart in the row. Dig a hole two feet long, one foot wide and one foot deep. Put a little surface soil in the bottom, and mix in some bone dust or commercial manures and then place in another thin layer of surface soil. Trim the ends of roots and spread out in hole, covering with surface soil. Cut the vine back to two buds and draw in the earth so as to cover the roots and stem up to top bud. Train the vine to a stake for the first two years, and afterwards train on trellis. Bear this in mind, old wood never bears the second time. The canes of this year bear fruit the next. Nine-tenths of the wood should be cut away each season to get the largest and best grapes.

Grape, Moore's Diamond, new variety of great excellence. Said to be a cross of Concord with Iona. Originated with Jacob Moore, who produced the Brighton. Bunches large, compact, shouldered, and sometimes double shouldered, very handsome. Berries large, white, with whitish bloom; skin thin; berries cling well to the peduncle; flesh melting, juicy and sweet to the center;

FARM, GARDEN AND FLORAL REQUISITES.

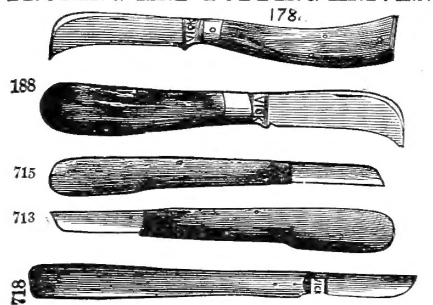
ALL LEADING SEED DRILLS, CULTIVATORS AND OTHER IMPLEMENTS FURNISHED AT TRADE PRICES.

NEW MODEL SEED DRILL.



The New Model Seed Drill. This hand seed drill, contains several marked improvements over older styles and possesses every important detail to make it as indicated by its name a Model Drill. Among its advantages we note the **SAVING CUT OFF**, operated by a cord and ring on handle, whereby all waste of seed at end of row is prevented, **ACCURATE REGULATION OF DISCHARGE OF SEED**, A **PLAIN INDEX**, quickly adjusted. A **LARGE WHEEL**, quite broad, which prevents its sinking in soft earth. Having given this drill a thorough trial on our farms, we can endorse it as doing perfect work and capable of giving satisfaction in every respect. Price, packed for shipment, and delivered to railroad, \$7.00.

PRUNING AND BUDDING KNIVES.



Made especially for our own trade for making cuttings, splendid for ink eraser or general house knife.

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| No. 178, Cocoa Handle Pruning Knife, Steel Capped, Hook Blade, 2 3/4 inches | Price, by mail, prepaid, \$0 80 |
| No. 188, Cocoa Handle Pruning end, Hook Blade, 3 inches | Knife, round 60 |
| No. 715, Cocoa Handle Budding | Knife - 55 |
| No. 713, Cocoa Handle Propagating Knife - 50 | gating Knife - 50 |
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VICK'S VELVET LAWN and PLANT FERTILIZER.

This is bone reduced to the finest powder or flour with the addition of other chemical substance, forming a combination as a fertilizer of the highest value. It can be recommended for florists use or for all who raise pot plants to mix with the soil, insuring a strong and healthy growth. As the proportion of available phosphoric acid in the bone meal is very large it makes it one of the most valuable fertilizers for lawns. For lawns use a barrel to one-half an acre.

Prices, delivered at freight or express office, 10 lbs. 50 cts.; 25 lbs. \$1.00; 50 lbs. \$1.50; bbl., 225 lbs. \$7.00.

SILL'S WINDOW GARDEN SPRAY.

(See description and price on page 104.)

GOLDMAN'S ATOMIZER AND SPRINKLER.

(See illustration and full description on page (104.)

VICK'S EXCELSIOR INSECT EXTERMINATOR.

Will destroy Striped Fleas, Cabbage Lice, Green Cabbage Worms, Potatoe Bugs, Aphids, Squash Bugs, etc. Harmless to plants or vegetables. Sure death to all plant insects, particularly the Green Cabbage Worm, for whose ravaging attacks there has hitherto been no known remedy. This powder can be applied most thoroughly, economically and quickly by means of the bellows we have constructed for that purpose. About one-half or three-quarters of a pound of the powder should be placed in the bellows through the cork opening at the side. A single puff over the heart of the Cabbage is sufficient for one application. The bellows can thus be worked as fast as a person would ordinary walk.

Exterminator, 40 cents per pound, by mail. In lots of five pounds or over, 25 cents per pound, by express at expense of purchaser. Eight-inch Bellows, \$1.25. Twelve-inch Bellows, \$1.50. The Bellows can be sent only by express at expense of purchaser.

For use in conservatories and for house plants, we offer a small zinc Bellows, as shown by the engraving, in two sizes.

No. 1, with one ounce of Exterminator, 20 cts., prepaid. No. 2, with four ounces of Exterminator, 40 cts., prepaid **TRY IT. IT WILL QUICKLY PAY FOR ITSELF.**

"WEED SLAYER."

For Twelve Years the Leading Wheel Hoe.

In offering this tool to the public, we are confident, from experience and from the testimonials received,



that it is superior to any heretofore made for the purpose intended, i. e., in the Garden, Flower Bed, Strawberries, Gravel Walks, Cutting Sod, Onions, Bagas, Corn, Sorghum, Potatoes, etc. Cuts Strawberry runners, edges sod, besides anything that any other similar tool can do, regardless of price. Light weight, only 7 lbs., and strong, made of the best steel and iron; adjustable to any height of person, cutting from one-half inch to one and one-half inches under ground and seven inches wide. Price, boxed and delivered to railroad or express office, \$1.50.

THE "PLANET JR." IMPLEMENTS.

We carry a full line of "Planet Jr." implements, but owing to lack of space could not illustrate the many different kinds. A catalogue describing and illustrating all the "Planet Jr." goods mailed free on application.

The "Planet Jr." Combined Double Wheel Hoe, Cultivator, Rake and Plow. Price, boxed, and delivered to railroad, \$7.00.

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FLORIST'S BRASS SYRINGES.

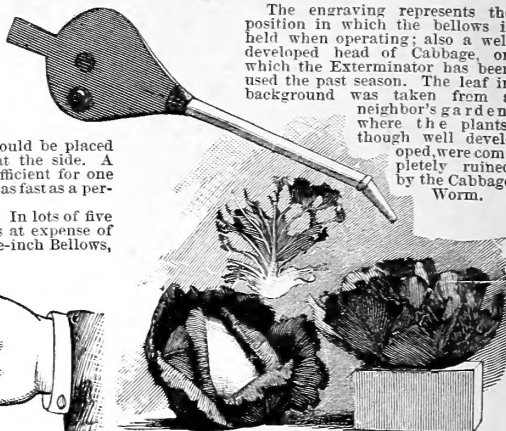
- | NO. | | THE FINEST ENGLISH MAKE. | | |
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Hazeltine's Hand Weeder and Scraper.

By mail, prepaid 30 cts.

The engraving represents the position in which the bellows is held when operating; also a well developed head of Cabbage on which the Exterminator has been used the past season. The leaf in background was taken from a neighbor's garden, where the plants, though well developed, were completely ruined by the Cabbage Worm.

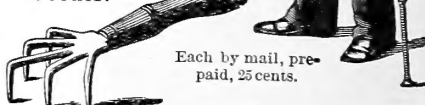


THE "AUTOMATIC" SPRAY AND FORCE PUMP.

It is made of nicked brass, galvanized iron tubing, extra large air chamber or reservoir, brass spring, pure rubber valves, saucer shaped, anti-clogging foot with strainer on top, and with the fine spray carries enough to last 10 to 15 minutes in potatoes, grapes, tobacco, etc.; the Automatic is otherwise generally useful, is first-class in construction, nicely finished and at the price named should be acceptable to all. Our experience of last season gives us great confidence in making this guarantee.

REMARKS—The Sprays are the best known. Price, each \$3.50 delivered at express or freight office.

Excelsior Hand Weeder.



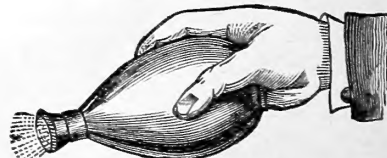
Each by mail, prepaid, 25 cents.

Wiss' Pruning Shear.



The new Wiss' we consider one of the best in use. Two springs with each Shears. Price prepaid, \$2.00.

ELASTIC PLANT SPRINKLER.



Made with a flat button, and perforated, detachable top. Is valuable for Winter Gardening, Bouquet Sprinkling, Dampening Clothes, etc. Price, No. 1, 1/2 pint, by mail, prepaid, \$1 00. Price, No. 2, 1/4 pint, by mail, prepaid, 60

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DOUBLE WHITE ANEMONE WHIRLWIND



JAS. VICK & SONS
ROCHESTER, N.Y.