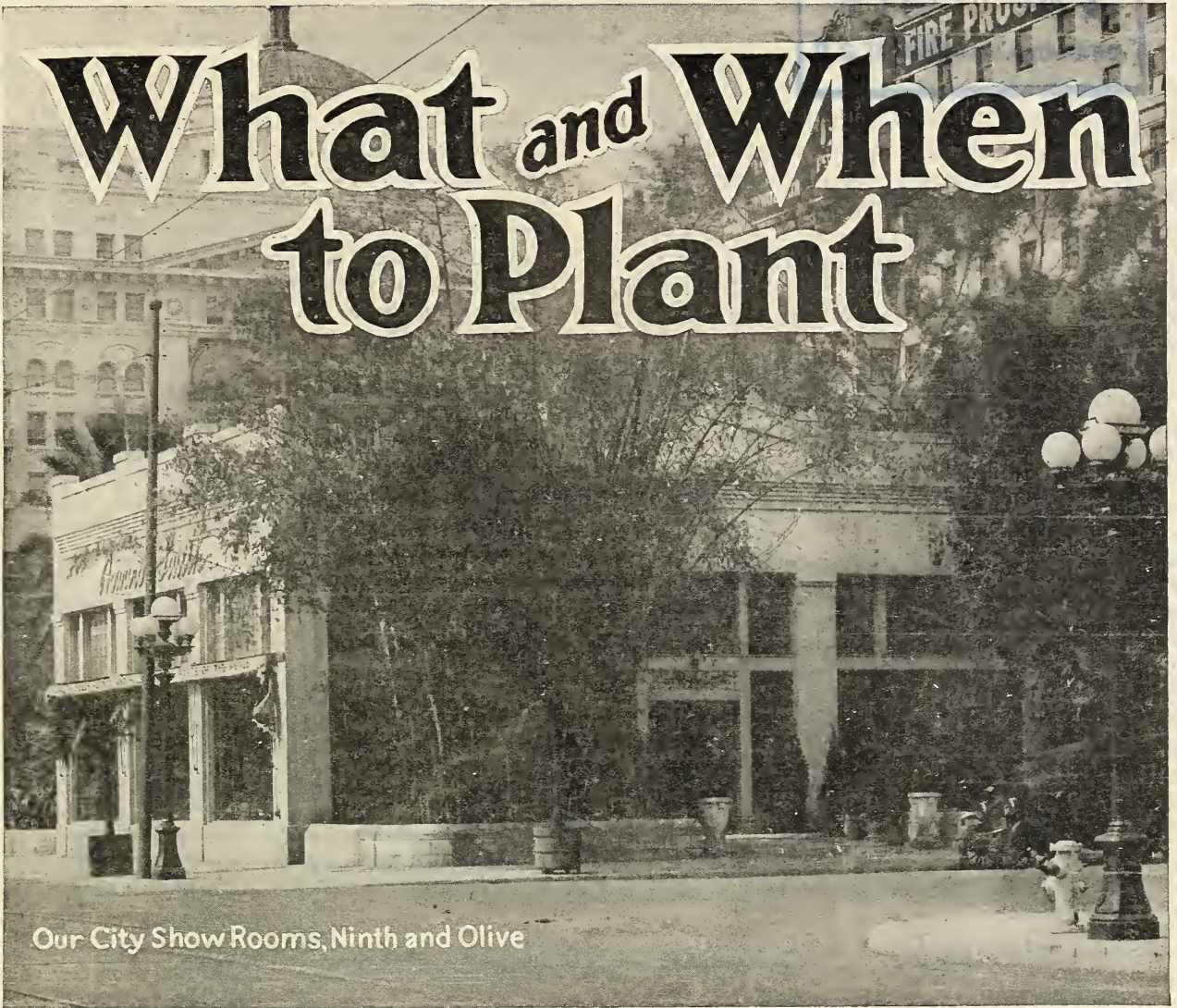


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What and When to Plant



Our City Show Rooms, Ninth and Olive

SPRING and SUMMER :: SEASON of 1925

We take pleasure in presenting our latest issue of What and When to Plant. We have endeavored to make it an accepted garden manual. The technical matter for any period is absolutely applicable to the same period for any ensuing year, for the recurrent seasons are an evidence of the fidelity of Nature's laws. Read this number carefully. It conveys suggestions seasonable and information valuable. We are sure there is something there that you should have.

Utilizing the gifts that a lavish Nature bestows upon this wonderful Southland, it is your pleasant inheritance to contribute to the beautifying of this garden spot of the world and to impress others by the force of example.

This statement need not be restricted to local application. Our system of packing for long distance carriage has been so perfected that shipments can be safely delivered to any point in the country. Tell your friends, wherever they may be, that they can secure plants and seeds produced in this climate, and enjoy as well as you their concentrated sunshine.

Now Is the Time to Plant

Howard & Smith

POSTOFFICE BOX 484
STATION C

NURSERYMEN, FLORISTS
LANDSCAPE ARCHITECTS

OLIVE STREET AT NINTH
LOS ANGELES, U. S. A.

PREFACE

Embodying a Short Narrative on the Source of Howard & Smith Products
and Where Your Seeds, Plants and Bulbs Come From

THE MONTEBELLO NURSERY is headquarters for our extensive operations in the nursery and seed business and it is here that our intensive experimental work in hybridizing is carried on. It is located in the town of Montebello about 12 miles from our City offices. It comprises our Packing Department, Seed Department, greenhouses, propagating grounds and immense lath houses, wherein all orders for seeds, plants and bulbs are executed. Among the specialties grown at this nursery are vast numbers of our fine strain of Amaryllis, Palms, large quantities of Herbaceous Plants, splendid collections of Cannas, Chrysanthemums, Dahlias, Tuberos Begonias, Cinerarias and Gloxinias, besides a large and varied collection of coniferous plants, flowering shrubs and ornamental trees. At this plant the Los Angeles rose, Wm. F. Dreer, Mrs. W. C. Egan and many other fine novelty roses found their origin.

Our efforts are not confined to roses alone, the magnificent strains of Verbenas, Asters and numerous other subjects listed herein are the result of the work done here at Montebello. Our work as directed in the improvement of strains or the origination of new plants has been generally recognized and we think we can point with pardonable pride to the voluntary commendation which our introductions have

received throughout the plant growing world. Our rose Los Angeles is classed as one of the best roses in existence today and is known all over the civilized world. The work in the production of new varieties is constantly going on. It is always our aim to produce something better, something different and something which will lend to the beauty of the home garden. We believe our efforts have not been without avail. A

cordial invitation is extended to all our customers to visit this nursery. It is easily accessible and we believe that a visit at any time of the year will prove well worth while and will further serve to demonstrate the care and the intensive methods we use in the production of stock of the highest quality.

Be Sure

A matter of primal importance to anyone interested in gardening is that of being able to secure stocks of seeds, plants and bulbs of known quality, which, when brought to a point of fruition will have justified the labor and expense involved and afford the grower a sense of satisfaction in that his efforts have not been in vain. For the benefit of our customers who have not had an opportunity of inspecting our various nurseries, we are giving here a few of the details of our extensive establishment, comprising four separate and distinct units.

THE RIVERA PLANT is situated about four miles from the home nurseries at Montebello. It is devoted principally to the production of choice strains of flower seeds, Iris, perennial Phlox, Delphiniums and other subjects of kindred nature. It is at this plant

that all our trials of novelty roses are carried on. We have under careful test and observation at the present time over 300 of these alone, including not only novelty seedlings of our own but those of other growers from all parts of the world. These roses are rigidly tested from every point upon which a rose should be



One of the many beds of annual and perennial flowers being grown for seed at Montebello

judged. Only a few of the numerous varieties included in these tests will ever find their way to our customer's gardens. The standard of quality which we have set up is rigid in the extreme and none but the best of these will be offered for your consideration.

At this particular nursery may be seen during the Autumn months, a two and one-half acre lath house completely filled with the finest strains of Tuberous Begonias procurable. They are grown by the thousands for the purpose of the production of bulbs. Large stretches of our new strain of California Giant curled and interlaced or peony flowered Asters are to be seen during the late Summer and Autumn months. These new Giant Asters are distinct from anything offered at the present time. They are not only immense flowered, but are extra long stemmed, the stems being fully two feet in length, non-lateral in character, bearing at the terminus flowers of mammoth proportions. It has taken us twelve years of careful work to produce this strain of non-lateral incurved or curled and interlaced type of Asters. Up to the year of 1924 we lacked a white to complete the series of colors in this strain, but through successive efforts with different series of crosses we have finally secured this absolute snow white, with the same immense fluffy flowers characteristic of the curled and interlaced class. A remarkable thing about this strain of Asters is their protracted period of blooming. During the present season the first flowers manifested themselves during late July and were still in full perfection at the date of this writing, October 10th.

Perennial Phlox in a fine assortment are also grown at our Rivera plant. These are grown to the extent of approximately 100,000 plants per year. The stock,

when ready for delivery during the winter and spring months, will be found of exceptional quality. The root action due to the light silty soil is vigorous in the extreme and insures splendid results in the following season of planting. The collection comprises all of the very finest sorts in commerce today.

One of the brightest stretches of color to be seen at this nursery during the summer months are the Zinnias. Our new strain of pastel shades will fill a long felt want in the garden. There is a noticeable absence of objectionable purples or other non-descript colors. The strain is replete in shades of salmon, salmon rose, pure pink, burnt orange, cerise and other colors of similar nature. Those who desire a strain of superlative value, either for cut flowers or for color effect in the garden, will, we are sure, be well pleased with the results obtainable from this seed.

In addition to our strain of pastel shades, we have some fine selections of the new dahlia flowered types of Zinnias and are able to offer them this year in four particularly fine colors. This new class of Zinnia bears flowers of mammoth proportions, the petals instead of being reflex are more or less channeled and incurved after the type of some Dahlias and from which characteristic they have received their name. During the Spring months may be seen large stretches of Daffodils in all the choicest sorts, including large quantities of such varieties as King Alfred, Van Waveren's Giant and others, as well as superb strains of Ranunculus, Anemones, Iris, Gladiolus, Penstemons, etc. It is impossible, owing to lack of space, to make notations of the numerous other subjects grown here. There is scarcely a season in the year when a visit to this nursery will not prove interesting.



New Double Tuberous Begonias at our Rivera Nurseries

OUR SAN FERNANDO NURSERIES. Owing to the nature of roses and their particular soil requirements, we established our plant for the production of the queen of flowers on some 70 acres of ground in the upper San Fernando Valley. These nurseries are situated some twenty-two miles from our main office at Ninth and Olive and the total area incorporated in this plant is devoted entirely to their culture. We have during the present season over one million and a quarter plants under cultivation. This includes stocks just budded and others ready for delivery during the Winter and Spring. The care used in the production of these plants has placed them in the foremost rank of stock produced anywhere in the world. The great problem in the production of budded roses has been the question of stocks upon which to bud, and only after a long series of experimental work did we finally determine on the variety Gloire de Rosamane, or as more commonly known in Southern California, the Ragged Robin. It is a stock which is the progenitor of many of our hybrid roses of today and is one for which the scions of yellow, pink and other sorts have a close affinity. The plants budded upon it are long lived, produce no suckers and impart to the stocks worked thereon, a vigor almost unbelievable. The stocks upon which we bud are all de-eyed, making suckering absolutely impossible and the particular variety in question makes no adventitious eyes on the roots as many stocks such as rugosa, odorata and others do.

This stock had its origin in the Island of Bourbon about the year 1817 and was subsequently introduced to France in 1819. Its extremely vigorous growth, its

non-suckering habit and its long period of continued sap flow make it one of the best of all stocks in cultivation and is the one which is responsible for the fame which our roses have attained.

Notwithstanding the large number of roses we grow, you will note that our list as offered is a comparatively small one. We have made it a point not to send out roses unless they are improvements over varieties already in commerce. It requires the same amount of space and the same amount of care in its applied form, such as watering, cultivation, etc., to grow a poor plant as it does to grow one of superior form and beauty. Bearing this in mind we have attempted, to the best of our judgment, to send out varieties only which are of known worth. There are hundreds of varieties in commerce which we have grown heretofore and discarded as being inferior and we believe our customers may rely upon the selection of roses which we offer for their consideration. You will find in our novelty lists of this year certain special varieties which we think will please you. They are such that we can recommend.

All lovers of Roses are cordially invited to visit our San Fernando nurseries during the blooming periods.

We have no desire to consume any great amount of your time telling of the various departments of our business, but in view of the fact that many of our customers never had an opportunity to visit them, we thought a few words on the subject would be timely. Suffice it to say that our bulletin of this year, as presented to you for your perusal, is replete not only with many fine novelties, but also the best which can be offered in standard varieties.



Lath house view of Kentia Palms at Montebello. Our culture of this best of all house plants exceeds 100,000 specimens

Novelties and Specialties in Plants and Seeds For the Season of 1925



WE ARE able to offer you this Spring a series of new varieties both in seeds and plants which we consider the most comprehensive and worth-while set of novelties we have ever distributed. A large number of these are varieties and sorts which have originated with ourselves, others have been obtained from various careful growers elsewhere.

They are novelties of sterling worth. They have been carefully tried and tested at our trial grounds and we offer them to you with the feeling and full assurance that you will be pleased with the results obtainable from them in your own garden. The keen gardener is ever on the alert for novelties of proven merit and in offering you these we do so with the feeling that they will prove a source of delight not only to you, but to your friends as well. In the foreword of this book we made mention of the rigid care we exercise in the selection of our plants and flowers. With us it is not a question of quantity but rather one of quality and it is upon this basis that our business is conducted.

New Canna—"Ambassador"

A superb new bedding Canna with flowers of gigantic size. Rich crimson scarlet in color. Foliage bronze, quite as dark as that to be noted in the variety King Humbert. It is a variety which "cleans" nicely in the truss. As soon as the flowers are spent, they drop to the ground. They do not dry up in the truss or create an unsightly appearance. It is truly a self-cleaning variety, one which we can thoroughly recommend as one of the best Cannas introduced during recent times. A bed of this in your lawn or in any position where an abundance of water can be given them, will give you a constant and brilliant color effect from early Spring until late Autumn. Price each 50c.

President. One of the largest flowered Cannas introduced up to the present time. Blossoms of truly mammoth proportions, composed of broad wide open petals. Color a splendid shade of bright crimson scarlet. The immense trusses are much branched. A glorious variety any way you take it. Price 35c each.

Carnation—"Laddie"

Unquestionably one of the finest of all carnations. Although introduced several seasons ago the plants are always scarce, due to the fact that it flowers so freely that but few cuttings are available for propagating purposes. Disbudded stems of this carnation will produce flowers $4\frac{1}{2}$ inches in diameter. It is not only a variety remarkable on

account of its size, but also for its unusual color, the latter being a soft shade of salmon rose. The stems are of great length and stiff in character. In planting this novelty carnation one may be assured of beauty unrivaled in any flower of its class. Price 25c each; \$2.50 dozen.



Carnation—"Laddie"



Decorative Dahlia

"Polar Bear"

Among the various Dahlias which we offer for your consideration, we doubt if there is a single one of greater intrinsic worth than this magnificent new white decorative Dahlia. It fills a long felt want in Dahlias of its particular class, there being few, if any, in cultivation at the present time which combine so many good qualities as this peerless new white. The plants are of vigorous growth, the stems of the blossoms are long and rigid, holding the flower perfectly erect under all conditions of weather. It is absolutely snow white as to color with faultlessly formed blooms composed of broad, deeply channeled petals which, when fully developed, outline a flower of magnificent contour and gigantic proportions. This remarkable Dahlia was exhibited during 1923 at the show of the Royal Horticultural Society, Vincent Square, London, where it created a sensation, and last year was sent to the British National Dahlia Society trial grounds at Wisely, England, for further test, where it was awarded a first class certificate. It was the only American Dahlia at these trials to obtain this much coveted award. This award speaks volumes for its quality, for the tests in these gardens are rigid in the extreme. As a cut flower for home decoration or for commercial work, it is head and shoulders over anything offered on the market today. It is a wonderful keeper. We have had blossoms last fully six days. This quality emphasizes its worth as a cut flower. At the Dahlia show held by the Southern California Dahlia Society during the Fall of 1924 it obtained first prize exhibited in a vase of 100 blooms. It is a Dahlia which we can unhesitatingly recommend to our customers as one of the best of its color ever introduced. Tubers. Price \$1.00 each.

Six Superb New Seedling Dahlias

A few seasons ago we sent out our famous white Dahlia Polar Bear, a Dahlia which has all the ear marks of a perfect white, either for commercial or garden use. It is a variety distinct in its character, possessing as it does all of the points which go to make up a good Dahlia, viz., length and stiffness of stem, flowering well above the foliage so that the blooms stand out in bas relief, keeping qualities when cut, form and contour of flowers and all other matters which might be considered as essential to a perfect type of Dahlia, which led us to make further crosses in order to obtain other colors in this same type of plant. These are the varieties which we now offer you. Although many crosses were made, we selected only a few of the very best and we feel quite certain that we are offering you something which will prove distinct and valuable in the newer types of Dahlias. We are positive that if you grow these and give them any attention whatever, you will be amply repaid for your trouble.

We can unhesitatingly recommend you these six varieties. The appended description tells the story, colors, character, etc. They are exact replicas of Polar Bear in every respect, save color.

Golden Queen. A bright golden yellow shading to intense orange at the center of the flower. A fine companion to Orange King, similar in contour of flower, otherwise identical as to stem, keeping qualities, etc. Disbudded flowers attain a diameter of 8 inches and over.

Lavender Queen. A pure even and delicate shade of soft lavender, shading lighter toward the center of its channeled petals. Although this Dahlia is of the same progeny as others, in this set, it is distinct in its habit of growth, being somewhat shorter with smaller flowers. It is a Dahlia which is a wonderful keeper and can be used where extra large sized blooms would be out of place. As a dainty cut flower subject for small vases, etc., it will prove extremely valuable. The flowers average about 6 inches in diameter, are held erect on strong wiry stems. We believe it will prove a very fine commercial sort. Blossoms exhibited at our city salesrooms have attracted much attention.

Orange King. Intense brilliant orange shot with scarlet at the base of the petals. These scarlet shadings serve to enhance the beauty and intensify the color effect of the whole flower. It is a superb novelty anyway you take it and one which we feel certain will fill a long felt want in Dahlias of its particular color.

Rose Queen. A superb soft rose colored flower, petals beautifully channeled as in others of this series of crosses. A flower simply enormous as to size and although extremely large, there is a wavy appearance to the bloom which does not tend to grossness. It is a refined flower in every sense of the word. A wonderful keeper with just the right petalage. Stems can be cut 4 feet in length.

Salmon Queen. An exquisite shade of soft salmon pink shot with amber and gold. Although really a three-toned flower, the general effect of a mass of the cut blooms is that of soft salmon pink. Very large as to size, perfect as to form and petalage. A Dahlia in the pastel shade class which we are certain will find many admirers.

Yellow Prince. A grand shade of pure lemon yellow which does not fade even under the hottest sun. Stem ideal, blossoms being held well above the foliage. Good stiff neck and all the other good qualities which its parent Polar Bear possesses. Similiar as to form, the same handsome deeply channeled petals. A wonderful keeper.



Dahlia Golden Queen

All of the above varieties will be ready for sale May 1st in strong growing plants established in 3-inch pots. Lack of stock prevents us this season from offering tubers. We can assure our customers, however, that these plants will give equally as good results as those grown from tubers and will flower quite as early. Planted out May 1st, they will blossom all through Summer and Autumn. Price each \$2.50. One strong plant of each of the six varieties, \$10.00.

Two Extra Choice Varieties of Geraniums

Hall Caine. An ideal bedding Geranium bearing trusses and florets of immense size. Growth is compact. Plants much branched and produces during the summer season splendid stretches of color. At our trial grounds during the past season it is one of the most admired in our entire collection. The color is a lovely shade of soft glowing scarlet. This geranium is destined to fill a long felt want in a dwarf variety, being distinct in color and foliage, uniform in bloom and growth, and a universal favorite among Geranium admirers. It also makes a splendid pot plant. Price each 25c; per dozen \$2.50.

Maxime Kovalesky. An unusual color ni geraniums and easily one of the most striking extant for bedding purposes. It is the nearest approach to orange to be found in this class of plants. A bed in bloom conveys the impression of a mass of deep orange colored bloom. It is a variety of exquisite effect when grown by itself. It is not only unusual as to color, but has all the attributes necessary to a good geranium. The trusses clean nicely and the general appearance of the plants is always bright and fresh. One of the most distinct advances in this class of plants in modern times. Price each 25c; per dozen \$2.50.

A New Bougainvillea "Panama"

A few seasons ago we obtained from Panama, cuttings of this superb climbing plant. It is easily one of the handsomest and most distinct of the entire family. The bracts are rich glowing crimson lake and are borne in immense trusses. The plants are tremendously vigorous in growth and well furnished with heavy leathery foliage, the latter acting as a beautiful foil for immense trusses of richly colored flowers. This Bougainvillea is not only of value for outdoor culture in the warmer sections of the country, but makes a very handsome pot plant when grown under glass. It flowers during mid-Winter and early Spring, during which period it presents a mass of the richest color imaginable, lending a charm and beauty that is unsurpassed in this sort of flower. We have a splendid stock of this Bougainvillea to offer this season, strong plants from 3-inch pots, each \$1.00.

New Anemone Flowered Dahlias

Unquestionably one of the most distinct breaks which has occurred in cultivated plants in modern times. The blossoms are a replica of the Marguerite, Mrs. Fred Sanders or Pyrethrum Roseum. The ray petals are broad and usually of a different color to the center quilled petals of the flower.

Plants dwarf in habit with the blossoms borne well above the foliage on strong wiry stems. The color variations are marked, ranging from purest white through the various shades of rose, pink, orange, bronze, carmine, purple, yellow, crimson, etc. For basket work or any choice cut flower arrangements they are unrivaled and their keeping qualities are remarkable. We predict their universal use as a choice cut flower.

Strong roots, mixed colors, each 35c. Per dozen \$3.50.



New Anemone Flowered Dahlias



A flower spike, greatly reduced, of our new pure sky blue form of Delphinium Belladonna

Delphinium Belladonna H & S New Selection

This beautiful Delphinium is unquestionably one of the most useful of all. It is quite distinct in character of growth from the Elatum types, being much dwarfer, branching freely from the base and producing throughout the season an interrupted show of medium sized spikes of bloom. The stems are thin and wiry, the blooms large and beautifully poised on well arranged spikes. The blue which we have finally fixed in this strain is one of the loveliest shades of sky blue to be found in any flower. This Delphinium should be largely planted as it gives an unlimited supply of handsome spikes in a fixed and well-defined color, from early Spring to late Autumn. There are many strains of this Delphinium on the market, but we question, however, if there is anything superior to these which we are able to offer you for the first time this season. It is a selection far and away ahead of what we have offered before. We are certain it will please you. Strong one-year clumps, each 35c; per dozen \$3.50.

A Superb New Lantana

Rose Queen. A superb new sort of our own raising. Plants extremely dwarf in nature, rarely exceeding 1 foot in height, and are in constant bloom from late Spring until November. The color is a pleasing shade of rose with a distinct white eye. Trusses are exceedingly large. Wonderful free flowering. Each 15c, per doz. \$1.50.



New Giant Flowered Hybrid Penstemons

We would especially direct our customer's attention to this new strain of Penstemons. Although we have grown Penstemons for many years, these new hybrids far outdistance in size of bloom, in point of color series and general beauty, anything in this class of plants we have ever offered. The flowers are well disposed on the spikes and are of enormous size. The colors range from pure white to darkest crimson with the intervening shades of pink, scarlet, purple, rose, etc. Many of the blossoms are beautifully mottled and penciled in the throat. There are few subjects in the line of herbaceous plants which flower over a longer period or are more attractive when planted in beds or borders. We regard this strain, which we are offering for the first time, as one of the most meritorious novelties which we have ever sent out. All colors mixed, strong plants from 2-inch pots. Each 20c. Per doz. \$2.00.



Single frilled Tuberous Begonia

New Gaillardia "Portola"

This magnificent new Gaillardia is easily one of the grandest introductions in perennial plants that has come to our notice during the past ten years. It bears blossoms of enormous size four to five inches in diameter, on individual stems two feet and over in length. The blossoms are of a remarkable shade of rich, bronzy crimson, the tips of the petals being margined with a broad band of golden yellow.

As a cut flower or for garden decorative purposes this new Gaillardia is without a peer in the whole range of perennial plants. The Gaillardia Portola blossoms freely under all conditions of weather. Plants put out now will produce a continuous succession of beautiful long-stemmed flowers from June through the Autumn and Winter months. The blossoms retain their beauty for several days and will be found unequalled for use in vases, etc.

The general color effect of a bunch of the cut blooms is true Egyptian red, toned with yellow. There is a glow and sheen about the flower almost impossible of description. It is remarkable not only for the oddity of its color, but for the richness of its effect.

We have only a limited stock to offer this season. Extra fine plants which will bloom within 60 days and continued to bloom without intermission throughout the season. Price each 35c; per doz. \$3.50.

Tuberous Begonias

We especially direct our customer's attention to the strains of Tuberous Begonias offered on page 45, under the head of bulbous and tuberous rooted plants. At the left may be seen a faithful reproduction but on a greatly reduced scale, of one of our single extra heavily frilled types. The flowers in this type attain a diameter of five to six inches. They possess a grace and beauty which needs only to be seen to be appreciated. These Begonias are only too often regarded as tender subjects, yet if given the proper conditions they are as easy of cultivation as an ordinary Geranium.

Coreopsis Lanceolata

Perry's Variety

A grand addition to the list of new herbaceous plants of English origin. The flower has the same rich golden yellow color as the parent type, *Coreopsis Lanceolata grandiflora*. It flowers with equal profusion but has a

distinct advantage in the fact that the blooms are semi-double and in some instances almost double in character. The stems are long and wiry, attaining a length of some 18 inches. The flowers are very large with the petals beautifully notched and ruffled. There is a grace and beauty about this new *Coreopsis* which will make it extremely valuable as a cut flower proposition and it is equally good for producing stretches or masses of golden yellow in the garden. It is one of those superlatively good things that everyone interested in plants should have. The clumps are biennial in their character and will blossom freely for two years without resetting. After this time, it is advisable to divide them and plant in new quarters. Price each 25c; per dozen \$2.50.

Two Very Fine New Verbenas

The two following Verbenas are exact replicas by way of size of truss and floret as our now well-known variety *Crimson King*. Like the last mentioned sort they are sterile insofar as the production of seed is concerned and must be raised from cuttings. These two varieties are the result of certain crosses made at our Montebello nurseries a few seasons ago and offer two welcome additions to our collections of mammoth flowered types. For bedding purposes during the major portion of the year these Verbenas produce an unbroken mass of

color. The colors are charmingly bright and fresh when in full bloom, the trusses are so thickly produced as to almost hide the foliage. For parkways, borders or when used in solid beds, there is a prolonged show of color not easily obtainable with any other plant.

Scarlet Queen. Intense bright scarlet. Full rounded florets of immense size. Trusses of mammoth proportions. Nothing finer in its color. Truly a queen in scarlet. Price 20c each; \$2.00 per dozen.

Cerise Queen. A fine companion to Scarlet Queen. Color a lovely shade of rosy cerise with a well defined small white eye. A giant both in trusses, vigor of growth and size of floret. Price 20c each; \$2.00 per dozen.

Petunias

Our strains of Giant Single Fringed and Double Fringed Petunias represent the acme of perfection in this class of flower. The colors to be noted in these beautiful flowers are beyond description. The illustration opposite gives only a partial idea of the delicate texture and form of the double fringed class. See page 56.

Aquilegia—Columbine New Long Spurred Hybrids

The value of Columbines for bedding purposes, their beauty for use as cut flowers and their hardiness and ease of growth recommend them as one of the most useful of all herbaceous perennial plants. We have been selecting and re-selecting flowers of the long spurred type for many years until at the present time we believe the strain of either seeds or plants that we are enabled to offer our customers is equal or superior to any other obtainable anywhere today. The mixed strain contains all shades from pure white to deep purple, including yellow, rose, red, pink, mauve, with many handsomely bi-colored flowers. These are offered under the sections to be noted below. All we can say in conclusion is that we are certain that it is a strain of such quality that it will please the most exacting of our customers.

Blue shades. A splendid selection, coming almost entirely true to type, containing all shades of blue, lavender, mauve, purple, etc. Blossoms of the true, long spurred type, immense as to size. An exceedingly fine selection. Extra strong field grown clumps, each 35c; per doz. \$3.50; 2-inch pot plants, each 15c; per doz. \$1.50.

Pink shades. A grand selection in variable shades of pink, rose, apple blossoms, shell pink, dark rose, etc. The dainty colors to be noted in this particular selection will appeal to



Petunia—Double Fringed

everyone where they are desired for use as cut flowers. Extra strong field grown clumps, each 35c; per doz. \$3.50; 2-inch pot plants, each 15c; per doz. \$1.50.

Scarlet Shades. One of the latest additions we are able to offer by way of color in our choice selected strain of Columbines. A few seasons ago we obtained a very fine scarlet, wherein the resultant seedlings have broken into scarlets, crimsons and similar shades. These are by all odds the most richly colored Columbines in the entire race. Flowers range through all the colors of light scarlet, dark scarlet, crimsons, etc., bearing the usual long spurred flower, broad open cups and sepals with many handsomely bi-colored types manifesting themselves in the selection. Visitors to our Rivera nursery last season were greatly taken with the large block of these plants when in full flower. It was hard for many to realize that so many fine colors were obtainable in this handsome herbaceous plant. We can unhesitatingly recommend this new selection to all of our customers with the assurance that those who enjoy a sterling novelty in plants will be more than pleased. We have only a limited stock of this strain to offer this year. Price: Strong 2½-inch pot plants, each 25c; per doz. \$2.50. Strong field grown clumps, each 35c; per doz. \$3.50.

New Hydrangea—"Trophee"

A superb new variety distinct in every particular from any Hydrangea hitherto introduced. The color is a brilliant shade of carmine rose—the nearest approach to a red to be noted in this class of plants. Easily one of the finest novelties in any class of plants of recent introduction. Price 50c each.



New Giant Flowered Streptocarpus

Streptocarpus

New Giant Flowered English Hybrids

A new strain of hybrid Streptocarpus of exceeding beauty, and in our opinion easily one of the most meritorious hybrids introduced in a long time. The flowers resemble Gloxinias in shape and are produced on strong wiry stems and blossom almost without intermission throughout the year. There is nothing we know of more lovely than a pot plant of these new Hybrid Streptocarpus. The range of colors is exceedingly wide and varied. Lovely shades of mauve, pink, lavender, pure white, others almost crimson, some with clear white throats, others daintily penciled, are to be found amongst them. The flowers attain a diameter of 3 inches, are tubular in formation, with wide open faces after the character to be noted in Gloxinias. The handsome plants attain a height of 12 to 15 inches and the flowers although apparently fragile looking on the plant, have the remarkable quality of keeping when cut and placed in water, for a week. Nothing more delicate or beautiful can be used for a centerpiece, especially with the addition of some of their own foliage or maidenhair fern. Blue flowers at best are scarce in nature and the range of blue to be found in this new strain is of superb quality and effect. These Streptocarpus may be treated either as a pot plant or they may be used in shady rockeries where they combine well with Cyclamen or other similar Alpine plants. Extra fine plants in 3-inch pots, each 25c; per dozen \$2.50. Flowering specimens in 5-inch pots, each 75c; per dozen \$7.50.

Thalictrum Dipterocarpum

Although not a new plant, we have included this magnificent perennial under the head of Specialties for 1925. This plant was introduced several years ago, but is comparatively little known at the present time. Its intrinsic worth as an ornamental garden plant or as a subject for cut flowers is unexcelled, and it deserves a greater amount of recognition than it has heretofore received. The foliage is small, dainty in appearance and resembles in great measure that of the Maidenhair Fern. During its blooming period strong shoots ranging from four to six and seven feet high manifest themselves. These shoots are much branched and bear enormous quantities of minute bell-shaped flowers of a deep lavender color, the color being greatly enhanced by the yellow stamens in their centers. The wiry branches that support the flowers are so fine that at first glance the individual blossoms seem to be suspended in the air. There is a grace and delicacy about this plant difficult to exceed. For basket work or for mixing with other flowers, it will prove an invaluable subject. Strong flowering roots, each 35c; per dozen \$3.50.



Thalictrum Dipterocarpum

Twelve Magnificent New Iris

Among the various hardy plants cultivated in gardens, there are but few, if any, which can exceed the beauty of the various types of Iris. Their popularity is not only due to the beauty and variety of their colors, but the ease with which they may be grown. During recent years hybridists have devoted considerable attention to the improvement of this race of plants and their efforts have been fraught with much success. The greatest improvement in any particular class has been in the bearded forms, hybrids of *pallida*, *plicata* and others. They are the giants of the family, both as regards height of the plant and size of their flowers. In the set which we are offering you below are some of the most magnificent acquisitions obtained up to the present time. Varieties like *Magnifica*, *Ambassador*, *Ballerine* and others need only to be seen to be appreciated. The colors are superb, the varieties are distinct, their usefulness for cutting purposes or for garden ornamentation is of unquestioned value. We can unhesitatingly recommend them to you as something worth while.

Ambigu. Standards of distinct reddish purple color. Falls maroon reticulated with brown at the base. Beard orange yellow. Height 2 ft. Price \$1.50 each.

Ambassadeur. Easily one of the finest introductions in Iris during modern times. The stout stems bear flowers of magnificent size and form and quite unique as to color. Standards are deep lavender shot with bronze. Falls maroon with purplish cast. Price \$5.00 each.

Ballerine. A superb novelty in every sense of the term. This lovely Iris reaches the height of 4 feet, the broad foliage being surmounted with masses of glorious orchid-like flowers. Standards are a wonderful shade of porcelain blue. Broad and rounded with wavy margins. Falls of a slightly deeper shade of blue. A deliciously scented variety. Price \$3.50 each.

Bosniamac. Standards primrose yellow, falls primrose shot with blue with the base of the falls reticulated with blue. A very fine sort, one of the best in its class of shades approaching yellow. Price \$1.00 each.

Cluny. A lovely Iris. Standards are wistaria blue, falls soft bluish violet with darker shadings. Very free. Larger and finer than *Caterina* in every way. Height 4 feet. Price \$2.50 each.

Dejazet. Standards lavender overlaid with brown, falls purple shot with sepia brown. Height 2 feet. Price \$1.50 each.

Grevin. Standards violet with bronze shadings, falls velvety wine red, reticulated at the base with golden brown. Height 2 feet. Price \$1.50 each.

Magnifica. This Iris has been well named and is all the name implies. The flowers are simply enormous as to size, borne on stiff branching stems which attain a height of 4 feet. The falls are a superb shade of dark reddish violet, the standards light violet blue. An exquisite variety in every sense of the term. Price \$5.00 each.

Medrano. A remarkable Iris in every way. Flowers of large size with standards of reddish copper color. Falls reddish purple overlaid with blue, flaked with lavender and buff. Height 2 feet. Price \$3.50 each.

Moliere. Standards light blue overlaid with brown, falls purplish maroon merging lighter at the outer edges of the petals. Blossoms of enormous size, a variety of exquisite form and substance. Price \$2.50 each.

Opera. A very distinct variety with flowers of fine shape. Standards are coppery brown shot with purple. Falls wine red, base of the petals bronzy maroon penciled with gold. Height 2 feet. Price \$1.50 each.

Raffet. Standards an intense violet blue, falls dark violet reticulated with white and violet in the upper portion of the petals. Height 2 feet. Price \$1.50 each.

SPECIAL OFFER. One each of the above Iris, a set of unequalled quality, for \$25.00.



A bed of Iris at our Rivera nurseries.

Lepachys Columnaris

A remarkable perennial plant bearing during the entire summer enormous quantities of marigold-like flowers. More or less similar in shape to a marigold of the French type. The blossoms are borne in profuse quantities ranging in size from 1½ to 2 inches in diameter. The ground color of the flowers is rich velvety maroon with the tips of the petals outlined with old gold. A plant of unique effect; splendid for cutting purposes. Price each 25c; per dozen \$2.50.

Marguerite

Mothers Day. A new Marguerite or Paris Daisy bearing innumerable quantities of small anemone-like flowers. The ray petals are pure white. The center of the flower a mass of quilled creamy white colored petals similar in general outline to the variety Mrs. Fred Sander, but only a fraction of its size. There is a beauty about this new Marguerite which will appeal to everyone. Where a light airy effect is desired for table decorations, small baskets, etc., this variety is unexcelled. It flowers incessantly. Plants dwarf in habit. Price 25c each. Per dozen \$2.50.

Fringed Semi-Double Shasta Daisies

We introduced several seasons ago a series of double and semi-double forms of this well-known plant, but succeeded in raising two years ago an entirely new and superior form. The flowers are pure white, of very large size with the ends of the petals deeply notched and cut, giving the whole bloom an informal and graceful fringed appearance. It lacks the stiffness of the ordinary types of Shasta such as Alaska and others. We feel quite certain it will prove a welcome addition to the herbaceous garden, either as a garden plant or as a cut flower subject. We can unhesitatingly recommend it as one of the best things in its class of plants of recent introduction. Price 25c each; \$2.50 per dozen.

Two New Allwood Pinks

We are able to offer you this season two fine additions to this new class of hardy ever blooming pinks. Unlike the old types of *Dianthus plumarius* or Scotch pinks these new hybrids are practically ever blooming in their character. They are deliciously fragrant, having that particular odor which is only to be noted in the old clove pink. Of splendid value for cutting purposes.

Joyce. An exquisite shade of soft rose with a highly contrasting center or zone, of dark maroon. Wonderfully fragrant. Long stemmed. A superb variety for cutting purposes.

Peggy. An attractive shade of rich crimson rose. The plants of this variety are extremely compact and bushy in their character. As an edging for beds and borders, it will prove extremely valuable. The color resembles in many respects that of the old hybrid *Dianthus*, Napoleon the Third. Price of either of the above 25c each. \$2.50 per dozen. Ready for delivery April 1st.

Thunbergia Gibsonii

A recently introduced perennial climbing plant from Central Africa which in point of beauty easily borders on the sensational. We know of no climbing vine wherein the blossoms are of such an intense or striking shade. Imagine the deep shade of gold orange that might be noted in the *Eschscholtzia* or California Poppy; the flower is this color, only richer. The flowers are about 1½ inches across, the depth of color even and unbroken both in the face and throat of the bloom. The plant is absolutely perennial in its nature although it will not stand heavy frosts. It is not only useful treated as a climbing plant on trellises, pergolas, etc., but is of unique effect when used as a ground cover on banks, etc. It blossoms without intermission from early Spring until late Autumn. We regard it as one of the most interesting and valuable novelties which we are able to offer for your consideration this season. Price each, strong plants in pots, 35c; per dozen \$3.50.



A field of Asters grown for seed at Rivera.



Constance

THE ROSE

We have long made the rose our leading specialty and have for years devoted an immense amount of energy, time and money in developing the best method for the production of plants, as well as the testing out of the various novelties which appear from year to year both in Europe and America. In addition to this we have carried on extensive experimental work in the production of new hybrid roses of our own. The result of this work has been that our roses have become famous not only in America but throughout the world. The results we have obtained in the production of new varieties by means of scientific hybridization is well exemplified in such magnificent varieties which found their origin at our nurseries as Los Angeles, Miss Lolita Armour, Mrs. S. K. Rindge, Mrs. W. C. Egan, Josephine Thomas, Wm. F. Dreer and others. These roses through their own intrinsic worth have received recognition in all parts, two of them were awarded the premier gold medal at the International trials, Bagatelle Garden, Paris, France, an honor which has come to this country on three occasions only and was twice awarded to us.

One important feature of our roses is that they are all heavy two-year-old stock. They are budded low on vigorous growing Ragged Robin roots and possess a vigor which can only be imparted by such a stock as that upon which they are worked. They will give a larger and heavier production of bloom than any own root rose possibly could.

The list of varieties which we submit for your consideration, although not a long one, comprises such varieties which, after careful tests, we have found to be the best in their respective colors and general characteristics. With proper care, they will give you splendid results and with the recurrence of each season, an increased wealth of bloom.

A Superb Collection of Novelty Roses and Others of Recent Introduction for the Season of 1925

Amalie de Grieff. A rose of comparatively recent introduction, with long pointed buds and perfectly formed open blooms. Exceedingly free. Color a shade of shell pink, satiny in texture. Extra good. Each \$1.00.

America. A recent introduction of American origin, and although generally regarded as a forcing rose for under glass, we find that it is equally adapted for garden planting. Plants of extremely vigorous growth. Stems are clothed with thick leathery foliage. Blossoms of superb form either in bud or when fully expanded. Color a rich glowing rose pink. Shows up particularly well under artificial light. A favorite with cut flower buyers all over America. We predict a great future for this variety as an outdoor sort. Each \$1.00.

Amelie de Bethune. A new rose of the pernetiana class and lovely in its shades of coral, red and yellow. The petals are yellow at the base, shading to coral red in the outer portions of the petals. A remarkably distinct sort. Price \$1.50 each.

Climbing Los Angeles. Howard & Smith, 1925. As an addition to the list of climbing roses this bud sport from the parent type, Los Angeles, is bound to prove one of the finest additions to the list of climbing roses offered in modern times. The flowers, if anything, are larger than those of the bush

type; the same deep shades of coral, gold, etc., are displayed in the blooms and buds in an intensified degree. We believe this climbing rose will prove one of the most popular of all climbing roses. The growth of the plants is exceedingly vigorous and it blossoms without intermission throughout the entire rose blooming season. A worth-while novelty. Price \$3.50 each.

Constance. Easily one of the best deep yellow roses grown at the present time. As far as our observation goes, it is a variety without a fault, either in respect to its color or other points applying. In color a shade of deep rich orange with shadings of chrome. The reverse of the buds shaded with crimson. Buds long and pointed, expanding to a large petaled flower. Highly recommended. Price \$1.00 each.

Diadem. A magnificent new rose of the pernetiana class. Unique as to color, perfect as to bud formation, and a good grower. In color a superb shade of orange crimson, toned with salmon and orange. Price \$1.50 each.

Ethel James. An exquisite single rose, more or less after the general form and character to be noted in Irish Fire-flame, but totally distinct in color. Buds are long and pointed, growth moderate. Color in the center of the flower old gold suffused with carmine. Price each \$1.00.

Edel. One of the finest additions to the class of light colored roses introduced in many a day. The buds are long and pointed. In color, pure white. As the flower expands, delicate tints of ivory manifest themselves in the center of the flower. These in turn, however, are lost as the flower expands, the open bloom being practically snow white. It opens somewhat flat in form, but is a rose of perfect contour, splendid growth with a pronounced freedom from attacks of mildew in the foliage. Price \$1.00 each.

Edgar M. Burnett. In color, a deep flesh tinted coppery rose. Flowers large and full. An exceedingly free bloomer and a delightful bit of color. Price \$1.00 each.

Edith Part. A multi-colored rose, the interior of the petals a distinct shade of salmon red with a more or less suffusion of salmon and coppery yellow. It is a rose with plenty of fragrance. Price each \$1.00.

Eldorado (Land of Gold). (Howard & Smith, 1923.) Another of our own introduction which we feel will please the most exacting rose lover. Flowers large and full, deliciously scented. In color a glorious shade of golden yellow, the edges of the petals at certain seasons tinted with deep pink. The blossoms are a counterpart of Miss Lolita Armour in form, growth exceedingly vigorous. This rose has made a record for itself not only in America, but Europe as well. Price each \$1.00.

E. P. H. Kingma. A sport from the well-known rose, Mad. Ed. Herriott. A lovely shade of rich orange with shadings of apricot. The flowers are more or less semi-double in form, but freely produced. A far better variety than the rose, Independence Day. Price each \$1.00.

H. V. Machin. A red rose of immense size with perfect bud formation and well formed opened flowers. The color is a glorious shade of scarlet crimson. During the Fall months more or less shaded with maroon. A strong, vigorous growing variety with ample foliage. Very sweetly scented. Price each \$1.00.

Imperial Potentate (Clark Bros., 1925). A splendid new rose, introduced for the first time this year. A rose of perfect formation, exquisite in bud form, quite fragrant and a remarkably free bloomer. The color is somewhat darker than that to be noted in the variety Rose Marie. A pleasing shade of deep, clear rose pink—a hybrid seedling of Ophelia with all the good qualities of the parent stock. Price each \$1.50.

Josephine Thomas (Howard & Smith, 1925). Although pink roses are plentiful—in fact, so much so that strict elimination has become a necessity in order to offer only those of sterling worth—we have in this novelty of our own, which we are offering you for the first time, a pink rose in one of the most delicate shades ever introduced. The shade of pink is even richer and more delicate than that to be noted in the old hybrid perpetual Mad. Gabriel Luizet. It is a soft, clean shade of apple blossom pink, pearly in its texture, the base of the petals stained rich orange yellow. The exquisite formation of the bud, the fullness of the open bloom, the delightful apple scented odor and the freedom with which it grows and blooms, will, we believe, place it in the foremost rank of recently introduced roses. There is a refinement about this rose which is at once distinct and striking. It is a rose which should be included in every collection of high-class roses. Price each \$2.50.

Lafayette. Among all the various varieties of polyantha roses introduced in modern times, this is easily one of the very best. The flowers are quite large—almost the size of a Paul's Scarlet Climber—and have the same rich crimson scarlet color. The plants are absolutely perpetual in their blooming character. They attain a height of some 3 feet and bear without intermission magnificent trusses of bloom throughout the entire season. It is a rose of unexcelled value for borders or for any place where a dwarf bedding effect is desired. Planted in masses by themselves, it will flower as freely as a geranium. The trusses clean nicely. The appearance of a bed in bloom is always fresh and bright. Price each 75c.

Lulu. A new rose of English origin and to our mind one of the most distinct roses in cultivation today. The buds are long and pointed, in general formation and shape are similar to Irish Fireflake, but of even more beautiful form. In color a lovely shade of pure apricot. This rose is only of use in the bud form, but we doubt if there is a rose in existence today of more beautiful effect when cut in bud form and used in corsages, bridesmaid bouquets, etc. It is more double than Irish Fireflake, more or less similar in growth, a constant bloomer. Price each \$1.00.



Climbing Los Angeles

La Champagne. A superb novelty rose, the ground color of the flower being a soft, satiny salmon pink, exquisitely shaded with salmon and apricot. Base of the petals deep orange. An unusual combination of colors, and as beautiful as it is unusual. A good, vigorous grower and a constant bloomer. Highly recommended. Price each \$1.50.

Mrs. H. R. Darlington. A lovely creamy white rose, but turns pure white as the blooms expand. The buds are long and pointed, the open bloom of refined form and finish. Delightfully scented. In our opinion one of the best light-colored roses introduced in many a day. It has received numerous high awards. Price each \$1.50.

Mrs. Chas. Lamplough. A new rose of remarkable size. In color, ivory white with lemon shadings. Buds long and pointed, expanding in the open flower to a bloom of mammoth proportions. Notwithstanding its immense size, the blooms are not in any sense coarse in nature. Has splendid stems and excellent foliage. Price each \$1.50.

Miss Lolita Armour (Howard & Smith). We introduced this rose in 1920 and obtained for it the International medal at the rose trials in the Bagatelle Gardens, Paris, France. It is a rose that is distinct from all others. The blossoms are large and full. The combination of colors to be noted in the open flower is very difficult of description. It is rich in shades of coral, gold and copper, beautifully intermingled. A strong, vigorous growing variety, a free bloomer and remarkably immune to attacks of mildew. Price each \$1.00.

The Rose

Queen of Flowers

Los Angeles

Queen of Roses

This superb rose which we introduced in the year of 1917 has made a record for itself in all parts of the world where roses are grown and appreciated for their beauty and fragrance. We believe we can say without egotism that it is a rose which has come to stay. It has received recognition with rose societies and rose lovers everywhere. It was awarded the gold medal at the International trials in Paris in 1918 and has more than fully borne out the high merit accorded it. We doubt if there was ever a rose introduced for which the demand has been so heavy, due entirely to its generally recognized high-class qualities. It possesses a color absolutely new in roses—luminous flame pink toned with coral and shading to translucent gold at the base of the petals. The buds are long and pointed and expand to a flower of mammoth proportions. It is beautiful from the opening bud until the last petal drops. It is a rose that will furnish you from plants grown in your own garden better flowers than can be produced from under-glass grown stock. Our culture of this variety alone at the Fernando grounds during the past season exceeded 35,000, which is indicative in some measure of the popularity of this glorious rose. A remarkable feature of Los Angeles is the fact it can be grown in all climates. It does well in temperate climates such as that of California, yet it is quite hardy under the harsh conditions of cold, etc., which are pertinent to the most easterly portions of the country. It is a rose that everybody can grow. It is a rose which no collection is complete without. Price \$1.00 each.

Mrs. J. C. Ainsworth (Novelty, 1925). This grand new rose resulted from a bud sport from the well-known variety, *Mrs. Chas. Russell*. Color is a soft shade of satiny pink. The buds are long and pointed, the open bloom large and full, well displaying its glorious color. There were few roses at our trials at our San Fernando nurseries during the past season which attracted more attention than this lovely new variety. The plants were a mass of flowers the whole season through. It is a variety that will appeal to everyone in its superlative qualities as a cut flower. Price each \$1.50.

Mrs. Henry Morse. A new rose of superlative merit; in our opinion a top notcher in roses of its particular color, the latter being a lovely shade of bright rose, with clear vermilion veining on the petals. Perfect as to shape, magnificent as to form, either in the bud or open flower, with a freedom of blooming and habit of growth which cannot be excelled. Immense as to its size. Very fine. Price each \$1.50.



Imperial Potentate

Mrs. H. S. Prentiss Nichols. One of the strongest growing hybrid tea roses in our collection. The plants possess an abundance of dark, rich green leathery textured foliage and splendid stems surmounted with flowers of very large size. In color a brilliant deep pink. Flowers are quite double and well formed. Price each \$1.00.

Mrs. Redford. A new rose of the pernetiana class, with splendid shiny dark green foliage. Mildew proof in every sense of the word, bearing splendidly formed buds and open blooms in a lovely and striking shade of orange apricot. The half open buds are simply superb in their form and contour. A sterling and distinct novelty rose that should be in every garden. It is a rose without a fault. Price each \$1.50.

Mrs. S. K. Rindge (Howard & Smith). We introduced this rose several seasons ago, and although it has become popular in many places, we have decided after due consideration to offer it to you for the last time. We feel that there are now roses of greater merit and it is no longer deserving of the position it once occupied. To our mind it should have more petals to be perfect. There are many of our customers however who have a great admiration for it. For the benefit of those who desire to obtain some plants we are affording them the opportunity of getting it from us for the last time. Buds are long and pointed. Rich chrome yellow in color. Mildew proof foliage. Price each \$1.00.

Mrs. W. C. Egan (Howard & Smith, 1922). This rose is another of our own hybrid seedling introductions and one which we believe will prove lasting in its popularity. The color is a lovely shade of two-toned pink, shading through deep flesh to golden yellow at the base of the petals. Although only in commerce since 1922, this rose has already gained a splendid reputation for itself. The contour of its long, pointed buds and the splendid formation of the open bloom with its glorious combination of colors will appeal to everyone. Price each \$1.00.



Mrs. W. C. Egan

Mabel Morse. One of the new gold medal roses and certainly one of the finest of its color introduced in modern times. The blooms are bright shining golden yellow, both on the interior and reverse side of the petals, without any shading or other color to mar its beauty. Foliage, bright glossy green. Habit of growth somewhat short, but every flower comes perfect in form. A remarkably fine rose and one we can unhesitatingly recommend. Price each \$2.00.

Padre. The race of pernetiana roses has given the rose world some wonderful and new colors and combination of colors which prior to their introduction were hitherto unknown. Among the large number in this class which has been presented to the rose-loving world there are none we know of more distinct than this lovely variety. The color is very difficult of description, but might be alluded to as a coppery orange crimson with shadings of yellow at the base of the petals. The habit is erect, the flowers are borne on splendid stems and it is exceedingly free flowering, beautiful either in the bud or fully expanded flower. As a rose for use as a cut flower or for its effect as a blooming plant in the garden it is without a peer. The petalage is moderately full, the buds long and pointed. A variety of exquisite effect any way you take it. A strong, vigorous grower, highly recommended. Price each \$1.50.

Pax Labor. A new rose of pernetiana type, vigorous in growth. Buds of medium length only, but expanding to a large, full-petaled rose of a distinct lemon yellow shade. Foliage dark rich green, mildew proof. A desirable rose with but one fault, and that is that the buds are short in length. It is more of a bedding rose than a cut flower variety. A wonderfully free bloomer, particularly fine in early Spring and late Autumn. Price each \$1.00.

President Cherioux. One of the most remarkably-colored roses introduced in modern times. The color is a beautiful shade of prawn red, toned with salmon and shaded with deep yellow. Flowers large and globular, well formed, a variety which is bound to find many admirers on account of its unique combination of colors. A good grower and very free. Price each \$1.50.

Souv. de Georges Beckwith. Another masterpiece in rose production from Mons. Pernet-Ducher of Lyons, France, and quite in keeping with the high quality of his numerous other introductions. This rose is more or less of similar form to the well known variety Louise Catherine Breslau, but differs in its combination of colors, the latter being an exquisite shade of shrimp pink tinted chrome yellow, with shading of yellow at the basal portion of the petals. It is a strong, vigorous

grower and to our mind will prove a desirable adjunct to any first class collection of roses. During the past growing season of 1924 we had some rows of this extending across the fields, some 700 feet in length, and there was scarcely a period during the rose flowering season that the plants were not a mass of bloom. It is one of those good roses that need only to be seen to be appreciated. Price each \$1.50.

Rev. F. Page Roberts. Among our extensive trials of new roses during the past season this splendid variety has shown up remarkably well. It is a rose distinct from anything else in our entire collection by way of color, the latter being a rich buttery Marechal Neil yellow. The blossoms are not only rich and handsome in proportion, but have a rich, fruity fragrance distinct from that to be noted in any other rose. The foliage is glossy, free of mildew; the plants extremely vigorous and the flowers open well in all kinds of weather. A rose which has come to stay. Price each \$2.50.

The Queen Alexandra. A remarkable combination of color may be noted in this magnificent new rose. A combination which is not only startling, but of peerless beauty as well. It is a two-toned rose with the upper side of the petals a glorious shade of vermillion, the reverse side being old gold. The petals of the entire flower toward the base merging from

Two Grand New French Roses

The originator of these two roses, Mons. Pernet-Ducher of Lyons, France, and easily one of the foremost rose hybridists of the world today, regarded these two productions of his as the acme of his life work up to the time they were first distributed. They were so named to commemorate the names of his sons, Claudius and Georges, both of whom he lost in the great World War. No more fitting tribute could be paid to their memories.

Souv. de Claudius Pernet. A sensational novelty rose, in color a superb, clear sunflower yellow. Buds long and pointed, open flowers large and full. Wonderful as to stems, a vigorous grower with brilliant dark green foliage, which is resistant to mildew. Although recently introduced, this rose has gained great popularity in all parts of America and Europe. It is being forced at the present time by the hundreds of thousands as a cut flower and we know of no other yellow of its shade wherein the bud and open flower are of more perfect formation. Aside from its value as a forcing rose, it does splendidly in the open garden, bearing throughout the season elegant long stemmed flowers in a color which heretofore was practically unknown. It is one of the greatest advances by way of color ever offered to the public and is a striking example of the work accomplished in the modern hybridization of the rose. Price each \$2.00.

Souv. de Georges Pernet. A companion introduction to the variety Souv. de Claudius Pernet, belonging also to the pernetiana class. A rose with a distinct and glorious color and one which is quite new in roses, being an unusual and exquisite shade of Oriental red, merging to cochineal carmine in the outer portion of the petals. There is a suffusion of yellow overlaying the whole bloom. This remarkable combination, together with the exquisite bud form and handsome fully developed flowers, place this rose in a class by itself. The growth of the plant is moderate, but the flowers are freely produced during the entire season. Price \$1.50



Souv. de Claudius Pernet

this remarkable shade to pure golden yellow. The color effect to be noted in the fully expanded bloom, wherein these various colors manifest themselves in their entirety creates an impression of beauty in a rose that is not easily forgotten. Vigorous as to growth, free in bloom, exquisite as a cut flower under artificial light. Price each \$1.50.

Wm. F. Dreer (Howard & Smith, 1920). We regard this rose as one of the finest which has been our good fortune to produce and introduce to the rose-loving public. It is a rose which through sheer merit is today recognized as one of the leading novelties of recent introduction. It won last year the gold medal at the show of the National Scottish Rose Society, held in Edinburgh, Scotland, and has been awarded numerous certificates and medals in many other parts of the world. In general form it is almost a counterpart of Los Angeles, with much the same habit of growth, freedom of bloom, shape of flower, etc., but differs entirely in color, it being a deep golden yellow, heavily flushed and shaded deep peach and old rose. Very brilliant and delightful combination of colors not seen in any other variety. A grand rose for cutting purposes. Price each \$1.00.

General Collection of Roses

Price 75c each, unless otherwise noted.

Admiral Ward. A very vigorous grower. Spherical blackish red bud. Large, full flower with petals of enormous breadth. The fully expanded flower is crimson red in color with shading of fiery red. Price each \$1.00.

Antoine Rivoire. A magnificent bi-color rose. Rosy flesh on a yellow ground. A unique color combination.

Betty. A superb rose with blooms of the most exquisite color imaginable. Copper rose shaded golden yellow at the base. Buds long and pointed. A vigorous grower.

Caroline Testout. An old but still one of the best pink roses. Color, a delightful shade of glistening silvery pink. A constant mass of bloom throughout the entire season.

Duchess of Wellington. Intense saffron yellow stained with crimson. As the flower ages it becomes a deep saffron yellow. Blooms fairly full. Buds long and pointed. Very free flowering. Exceedingly fragrant.

Florence Pemberton. Silvery pink on a white ground. A rose remarkable for its large size and handsomely formed blooms. Exceedingly vigorous grower.

General McArthur. Bright crimson. One of the best of all red roses for bedding purposes. Not subject to mildew. Blooms continuously over a long period.

Grange Colomb. A remarkably vigorous growing hybrid tea rose with enormous long pointed buds. Color, ivory white, tinted with creamy yellow.

Gruss an Teplitz. The most profuse blooming velvety crimson rose in existence, besides which it possesses an admirable constitution, a point lacking in many red roses. Has good, clean foliage and throws strong, upright canes. A grand garden rose.

Harry Kirk. A splendid addition to the none too long list of good yellow roses. Deep, rich, buttery yellow in color, shading lighter at the tips of the petals. The buds are perfection in form.

Hadley. In color, rich, dazzling crimson scarlet with shadings of velvety crimson. A deliciously fragrant, vigorous growing rose. Price each \$1.00.

Hoosier Beauty. A rose of American origin and, in our opinion, one of the finest red hybrid tea roses in existence. Flowers of superb form not unlike a perfect Sunburst in shape. They are beautiful either in the bud or in the fully expanded bloom. The tone of color is one of those rich, dark, velvety reds not unlike that to be noted in the old variety Black Prince. A perpetual bloomer.

Irish Fireflame. An exquisite single rose that should be in every garden. Color, a deep maddery orange, splashed with crimson, deliciously and strongly perfumed. Vigorous in growth, constant in bloom.

Jonkheer J. L. Mock. A rose of giant size. Enormous, deep rose colored blooms, surmounting strong, vigorous canes.

Joseph Hill. Pink shades with salmon. Exterior of the petals coppery pink. Superb either in bud or open flower. A truly magnificent variety.

Juliet. One of the most sensational roses ever introduced. A wonderful combination of orange scarlet and salmon.

Kaiserin Augusta Victoria. Creamy white in color. Grand in form, free in growth; one of the best all around whites for cutting purposes.

Killarney. A vigorous hybrid tea rose with so many good points in its favor it has become a standard variety. Long, pointed buds of excellent shape. Color, blush pink suffused with pale pink.

Killarney Brilliant. A sport from the original Killarney rose. The color is a rich glowing shade of rosy carmine.

Lady Alice Stanley. In color an exquisite shade of coral rose, the inside of the petals shading to flesh pink. Blossoms very large, exceedingly fragrant. A very desirable variety.

Lady Hillingdon. Deep apricot yellow. Long, pointed buds. Produces enormous quantities of flowers with buds of especially fine shape. Well adapted for use as a cut flower.

Lady Pirrie. Deep copper and reddish salmon. The inside of the petals apricot flushed with copper.

Lady Ursula. Flesh pink, possesses a delicate tea perfume. A rampant grower, always in bloom.

Laurent Carle. In color bright red. A very free bloomer. Mildew proof, extra fine for bedding.

Louise Catherine Breslau. A magnificent rose belonging to the pernetiana class. Buds a beautiful shade of coral toned with chrome yellow. When fully opened to flower changes to shrimp pink and coppery orange; a sensational and exquisite variety. Price each \$1.00.

Mary, Countess of Ilchester. Large crimson carmine flowers, petals exceedingly broad. Circular in outline, extra good.

Mad. Edouard Herriot. Superb coral red shaded with yellow at the base of the petals. Sensational in color; a good grower and a free bloomer. Mildew proof foliage.

Mad. Edmund Rostand. A wonderful combination of colors to be noted in this rose. Exterior of the petals a delicate shade of blush and reddish salmon, the center reddish orange yellow. An excellent garden rose.

Mad. Jules Bouche. A very strong growing variety. Good either in the bud or fully expanded flower. Ground color of the flower is pure white with blush tints.



Lady Hillingdon

Mad. Leon Pain. Light silvery pink shaded with salmon. Growth exceedingly vigorous and produces large quantities of flowers throughout the entire season. We consider this an indispensable variety to any collection of roses.

Mad. Melaine Soupert. One of the most highly-prized points in a rose is a long pointed bud. We believe it would be difficult to find one which is better in this respect than this variety. Lovely in color; a deep yellow, toned with salmon.

Mad. Segond Weber. Magnificent light rosy salmon. Buds long and pointed, expanding to flowers of immense size. In this particular color there is nothing to equal it.

Mrs. Aaron Ward. Deep, rich Indian yellow toned with salmon. It is a constant bloomer with buds and open blooms of most refined form. A favorite everywhere.

Mrs. A. R. Waddell. Deep reddish apricot toned with salmon. A vigorous grower, constant bloomer and, incidentally, a wonderful advance in roses by way of color.

Mrs. Chas. Russell. A splendid rose for cutting purposes. Blossoms intensely fragrant. Beautiful in bud or fully developed form. Color, deep rosy carmine.

Mrs. Franklin Dennison. The color of this variety is difficult to describe, the base of the petals being a rich chrome yellow, which gradually merges to light silvery pink. Buds and flowers of enormous size, quite double. Intensely fragrant.

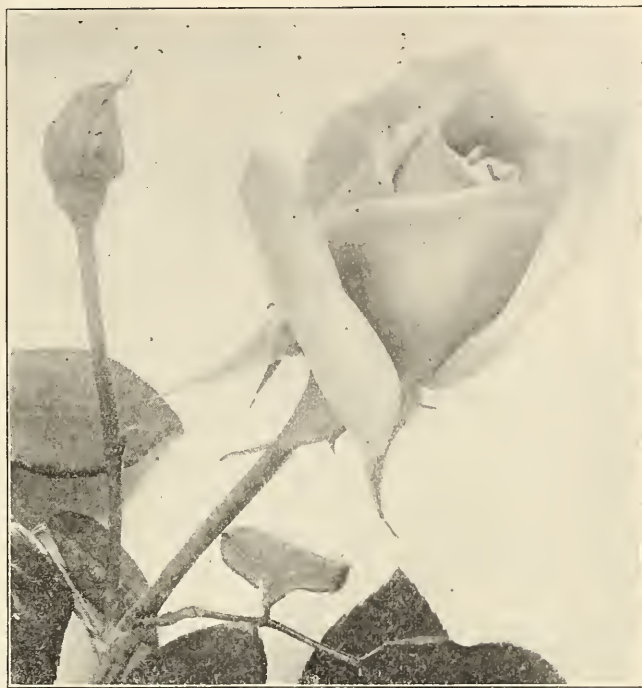
Mrs. W. C. Miller. A pink rose somewhat after the style of Caroline Testout, but a much deeper shade of pink. A curious feature of this rose is the crinkly and wavy outline of the edges of the petals.

Ophelia. Salmon flesh shade with rose. Buds of absolutely perfect form; a splendid variety for either indoor or outdoor cultivation.

Pharisaer. In color a magnificent shade of salmon pink. Ideal as a bud or open blossom, in addition to which it possesses a delicious odor.

Prince of Bulgaria. Very large flower with excellent shaped buds. Color, silvery rose blush.

Queen of Fragrance. Shell pink tipped with silver. Bright and charming. Flowers large and double. Elegantly shaped. Exceedingly fragrant.



Mad. Leon Pain

Radiance. A rose of American origin, and to our mind one of the best varieties in cultivation today. Buds long and pointed, expanding to blooms of enormous size, similar in shape to Caroline Testout, but in color deep, rich rose pink.

Red Radiance. A counterpart of the original pink variety, save color, which is a delightful shade of rich rosy red. Tremendously vigorous grower and constant bloomer.

Rose Marie. Buds long and pointed. Petals large and well rounded; the open bloom ideal as to form. One of the finest roses we know of for cut flowers purposes. In color a delightful shade of pure, even rose pink.



Lolita Armour

Hardy Hybrid Perpetual Roses

Comprised under this heading are those varieties which are generally referred to as being quite hardy in cold climates. They are distinct in character from the hybrid teas, the tea roses, or those of the pernetiana class, in the fact that they are usually much taller in growth and not so constant in the matter of their flowering. Their main crop of flowers is produced in the Spring and Autumn. Taken as a whole, they are among the most fragrant of all roses and usually bear flowers of very large size. The selection we offer are a few of the best.

Price 75c each, unless otherwise noted.

American Beauty. Rosy crimson. One of the most popular roses with cut flower buyers, but difficult to perfect without the aid of greenhouses. Throws fine, large flowers in early Fall and in late Spring, but at other times they cannot be relied upon to open perfectly.

Anna de Diesbach. Bright carmine rose, flowers exceedingly large as to size. One of the best of this color.

Baroness Rothschild. A lovely shade of satiny rose. Extra large. Highly desirable.

Frau Karl Druschki. One of the grandest hybrid perpetuals in existence. It produces very large snowy white blooms and is beautiful either in the bud or fully expanded state. In its full bloom state the blooms greatly resemble a snowy white paeony. They are of huge size and as handsome as they are big.

General Jacqueminot. Velvety crimson with scarlet shadings; an old standby, and always in demand on account of its fine color.

Geo. Arends. This rose is relatively referred to as the pink Frau Karl Druschki. The plant in general character of growth, shape of bloom and manner of flowering is not unlike that of Druschki. It differs mainly in color, the latter being a superb shade of silvery rose pink.

Gloire de Chedane Guinoisseau. Bright vermilion red with velvety maroon crimson shadings. Flowers very large and full, perfectly formed. A very free blooming hybrid perpetual rose. Price each \$1.00.

Hugh Dickson. This rose always finds many admirers on account of its large, brilliant crimson color and its strong accompanying tea scent. Although introduced as a hybrid tea, we class it under the hybrid perpetuals as it has all the ear-marks of the latter class. It is very free in bloom, flowers large, perfectly formed. Magnificent as to color.

Magna Charta. Bright pink with a suffusion of carmine. One of the oldest of the hybrid perpetual roses and still one of the best.

Mrs. John Laing. A variety of the hybrid class and one of the most deliciously fragrant roses in existence. A few flowers placed in a vase will scent a whole room. Besides its delicious odor it is superb in color and elegant in form. Color, soft pink.

Prince Camille de Rohan. One of the best dark hybrid perpetual roses. Flowers intensely fragrant. Color, dark crimson maroon.

Paul Neyron. The largest rose in cultivation. Flowers of enormous size, borne on long, sturdy shoots and usually one flower to the stem. Rich, dark rose in color and very fragrant.

Ulrich Brunner. Rich cherry crimson. Flowers very large and produced on long solitary stems. Far better in color than American Beauty, in addition to which all the buds and flowers come good when grown outside, no glass being necessary to do it well. Grand in early and late Fall.



Mrs. Aaron Ward

Climbing Roses

Belle of Portugal. A remarkably fine climbing rose introduced a few years ago, and one which has come into popular favor in all sections where it is possible to grow it. It is not a hardy rose and for this reason should only be planted in warm sections of the country. It will not stand a great amount of cold. This beautiful rose is a cross between the Burmese species, *Rosa Gigantea* and *Reine Marie Henriette*. The blossoms are very large, soft salmon pink in color. Supported singly on long stems. Its principal time of blooming is during the Spring, when the plants are literally covered with bloom. The color is truly one of the pastel shades. A variety of regal beauty. Price each \$1.00.

Cl. Caroline Testout. A climbing form of *Caroline Testout* with the same silvery pink color to be noted in the mother plant. Remarkably free in bloom, the plants being literally smothered with perfect buds and open flowers. Price each 75c.

Cl. Cecil Brunner. A sport from the well-known *Cecil Brunner*. Identical by way of color, with a tremendously vigorous climbing habit. Price each 75c.

Cl. Hoosier Beauty. A grand climbing form of the well-known bush type. The blossoms are large, beautifully formed, rich crimson scarlet with shadings of maroon. Blooms freely produced over an extended season. Very vigorous. Price each \$1.00.

Cl. Kaiserin Aug. Victoria. Without a doubt the finest large flowered white climbing rose grown. Although a climbing rose, it is largely available for cutting purposes as the flowers are carried on fine long stems. Price each \$1.00.

Cl. Lady Ashtown. A superb deep silvery pink—a shade or two darker than *Caroline Testout*. Unquestionably one of the grandest pink climbing roses in existence. Although a climbing rose, buds are borne on long stems, making it valuable as a cut flower. Price each \$1.00.

Cl. Pink Maman Cochet. One of our own introductions. The individual buds and flowers are much larger than those of the dwarf bush form and are produced in far greater profusion. An addition to pink climbing roses which is worth while and bound to find its way into every garden where roses are appreciated and grown for their fragrance and beauty. Price each \$1.00.

Cl. White Maman Cochet. A white sport from the well-known bush form and a fine companion to *Climbing Pink Maman Cochet*. Buds of immense size, pure white, beautifully rimmed pink at the edges of the petals. Price each \$1.00.

Cl. White Cherokee. A variety grown in great quantities throughout California and is invaluable for hiding unsightly barns, fences, etc. It produces great masses of waxy white single flowers with a conspicuous bunch of yellow stamens in the center. Foliage shining green and good at all times of the year. Price each 75c.

Cl. Pink Cherokee. A fac-simile in character of growth, form of flowers, etc., of the well-known white form. Differs only in colors, the latter being a soft shade of silvery carmine pink. Very beautiful and desirable climbing rose. Price each 75c.

Dr. W. Van Fleet. A hybrid *wichuriana* rose of great merit. During the Spring the plants are a mass of exquisitely shaped buds and flowers. The buds are long and pointed. Rich flesh pink in color. Splendidly adapted for a cutting rose, aside from the effect of its value as an ornamental flowering plant in the garden. Price each 75c.

Mrs. Hubert Stevens. Flowers pure snowy white. Buds long and pointed. A comparatively recent introduction in climbing roses and one which, due to its freedom of flowering and vigor of growth, will easily take a premier position with roses of its particular shade. Highly recommended. Price each \$1.00.

Paul's Scarlet Climber. A comparatively recent addition to the list of climbers and one of superlative merit. The introduction of this rose has added an entirely new color to the climbing class, this being a wonderful shade of pure vivid scarlet, a shade which is at once intense and effective

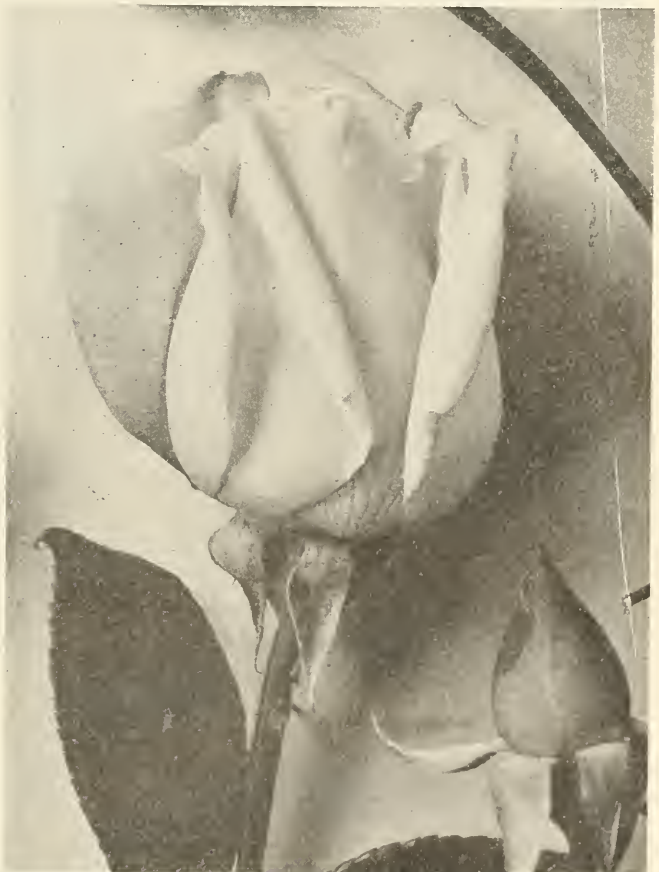
in its brilliancy. The plants when in full bloom are literally covered with flowers from top to bottom. It is a rose with scarcely any thorns; foliage, leathery and dark green, making a splendid foil for its grand clusters of bloom. This rose is hardy in all sections of the country and should be largely planted. It is indispensable as a pillar rose or when used on pergolas, trellises, etc. A plant in bloom attracts the attention at once. Price each 75c.

Silver Moon. Different from all other roses. Flowers very large, single, $4\frac{1}{2}$ inches in diameter. Pure white in color. Petals of great substance, beautifully cupped. The large bunch of yellow stamens in the center adds to its attractiveness. The flowers are borne on strong stems 12 to 18 inches long and are delicately perfumed. The plant is a strong grower with rich glossy green foliage. Price each 75c.

Thousand Beauties. Entirely distinct not only in ramblers, but in climbing roses generally. The individual flowers are very large for this type of rose. In color it is the most delicate shade of soft pink, changing to carmine on the reverse of the petals when fully expanded. Borne in large clusters. A climbing polyantha rose of exceeding beauty. Price each 75c.

White Banksia. Flowers pure white, about one inch across; very double, borne in compact trusses, which literally cover the plant during its blooming season—i. e., Spring. There are few roses more graceful in the climbing section than the *Banksia* roses. They are not hardy excepting in warm climates. In sections, however, like Southern California, Florida and the Gulf States they may be grown to perfection. Price each 75c.

Yellow Banksia. An exact replica of the white form above noted. Flowers clear canary yellow. Trusses large, exceedingly fragrant. A fine companion to the foregoing. Price each 75c.



Climbing Pink Maman Cochet

How to Plant and Care for ROSES

*Some of
the Most Important
Requisites for Success in
Growing Roses*

Before entering into the technical details for which the treatise is intended we would impress on your mind the fact that plants are living things, and although not so far advanced in the scale of creation as the higher forms of animal organisms, yet in common with the latter, they develop in proportion as they are carefully and intelligently nurtured. A plant may suffer from cold; it is equally affected by undue conditions of heat or drought. It is subject to attack by insects and fungus pests, and resents in an unequivocal manner all factors detrimental to its well-being. It differs in no particular from man.

There are many who consider the placing of a plant in the soil as the last and most important act necessary to bring it to a point of fruition. As a matter of fact, this is the simplest preliminary. The after care which it requires, comprised in proper pruning, watering, fertilizing, etc., is just as important of consideration if definite and adequate results are to be obtained.

The rose plants which we offer you in this bulletin have been carefully and scientifically grown. They represent the pent-up sunshine of two long California seasons. They are plants, which if you will study their needs and requirements as pertain to your own particular locality, will not only give you splendid results, but afford unbounded pleasure to yourself and to all who love and appreciate nature as expressed in the flowers of transcendently beautiful roses.

The varied climatic and soil conditions which pertain in different sections of our country make it exceedingly difficult to incorporate in these brief notes all that might be stated under the head of cultural directions, but contained herein will be found the fundamentals which, if you will follow them carefully and supplement them with your own experiences and ordinary attention, can be depended upon to produce abundant crops of bloom.



A. CARE OF PLANTS UPON ARRIVAL: As soon as you receive the plants remove the various materials in which they are packed for shipment, excepting, however, the burlap which holds the damp sphagnum moss about the root action. This should be left on until the plants are ready for placing in their final growing quarters. If you live in a locality where the ground does not freeze as, for example, certain portions of the Southern States or the lower latitudes of the Pacific slope, the moss should be removed at once and the plants placed in the bed where they are to grow.

In the more northerly sections, where the ground is frozen and planting out impracticable, remove, as above, all the packing except the moss and the burlap around the roots and bury the plants to the tips in a cold frame. If a cold frame is not available, the dirt floor of an outbuilding, such as a shed or cool cellar, will answer. In any instance, cover the plants completely with soil. Select a position where there is plenty of light, but not direct sunlight and no artificial heat whatever. As soon as Spring breaks and it is possible to work the soil, plant them out in the garden. If the plants are to be buried, as suggested in the preceding paragraphs, it is advisable to wrap them in a piece of ordinary window screen, to guard against the attacks of mice, etc.

B. LOCATION OF BEDS: Roses give the best results in a fully exposed, sunny situation where free circulation of air is assured and, if possible, well removed from any buildings. It is inadvisable to plant them in even partial shade, as lack of sunlight induces leaf mildew in dull weather.

C. SOIL: Much has been said regarding the soil best adapted to roses, but our experience has been that they do well in almost any good, rich land with a strong preference to soils of a heavy nature.

D. PREPARATION FOR PLANTING: Given that a suitable plot has been selected, we now come to the main essentials to success.

The soil should be trenched or spaded to a depth of not less than 18 inches, breaking all lumps, removing all stones, etc. With this operation complete spread over it three or four inches of rotted manure. Spade in thoroughly, and when thoroughly incorporated, rake the bed to final grade.

Measure the distance apart plants are to be set, allowing two and one-half or three feet between them. At these designated points dig a hole 12 inches wide by 2 feet deep; place in the bottom 8 inches of well-rotted manure, preferably cow manure if obtainable. Tread this firmly. On top of this put 6 inches of well prepared soil, containing no manure whatever. Tread again to firm the layer of soil on manure. The remaining portion of the unfilled hole will now be ready to receive the plant.

If the roses are in a dormant or bare root condition, place them in the holes and carefully spread out the roots in as nearly natural position as possible, gradually filling in with fresh soil containing no manure whatever. Whenever the hole is completely filled, tread the soil around the plants as firmly as possible. Make a basin immediately surrounding the plant and water thoroughly.

E. DEPTH OF PLANTING: The accompanying illustration shows a fair sample of one of our strong 2-year-old budded rose bushes. B denotes the point of insertion of the bud in the original wild stock. A, the depth that the plant should be set in the soil. C indicates the splendid root action to be noted in the class of roses which we send out. The tape measure to the left of the cut shows the point A to be about 4 inches above point B. Point A is the proper height the soil should reach when the plant is finally set.

F. WATERING: With the exception of an occasional syringing to clean the foliage of dust, roses should have little or no water overhead. Irrigation either by means of shallow trenches running along the rows or by an individual basin around each plant are the best methods. This puts the water where it belongs—at the roots.

In sections where there is small rainfall the plants should be kept moist during their entire growing season. After each watering a liberal cultivation of the soil will prove highly beneficial and will tend to retain the moisture in the ground.

It is almost impossible to make any hard and fast rule in regard to the frequency of watering, as at times the heat and consequent evaporation is greater than at others. The principal thing to take note of is to see that the soil is continually moist during the flowering or growing period. A mulch of well rotted manure, 2 or 3 inches deep over the entire surface of the bed, will help check evaporation and reduce the amount of water required.

G. PRUNING: The principal pruning should be done either just after the plants have finished their Summer growth—say in the months of November or December, or in very cold sections just before the sap begins to rise in the Spring.

It is difficult to give full data as to the method of pruning, but it might be summed up as follows:

Remove all small twiggy growths, pruning back to strong, well ripened canes which are well furnished with healthy, big dormant eyes. As a general thing, the entire top of the plant should be removed. The engraving shows a properly pruned hybrid tea, a 2-year-old plant.

H. INSECTS AND DISEASES: Roses are affected with various diseases, pests, etc., but we will only treat of two which gives the most trouble. These are Aphis, or green fly, and mildew.

For the first use a strong solution of tobacco water, administered on a quiet evening with a spray pump.

For the second take two ounces of slacked lime, mix with one pound sulphur, place in a pot, add two gallons of water; boil for three or four minutes. The sulphur, insoluble in water, enters into solution through the action of the lime, forming a sulphurous solution. When cold, dilute this one part to five parts water and spray affected plants thoroughly. It is very effective.

I. WINTER CARE. In sections where freezing conditions are severe, roses of all classes can be safely wintered in the open ground by hilling up around the plants with soil as far as possible and on top of this place a heavy mulching of dry leaves, straw or other similar litter. Remove same as soon as danger of frost is over. After these details are taken care of, even the tenderest tea rose can be wintered in the harshest Eastern climate. The hilling up of the plants or the covering with litter is quite unnecessary where heavy freezing conditions do not prevail.

CLOSING NOTE: The Roses we offer are budded—worked low down on various stocks for which we have found, by exhaustive experiments, they show an affinity. Some growers of own-root stock declare that budded Roses sucker from the wild stock. We have only to say, this is ignorance. Our stock is especially prepared for budding. They do not sucker; they produce stronger and better plants than any own-root stock possibly could and in addition, give an infinitely greater quantity of fine blooms.

TIME OF DELIVERY

We can supply roses as dormant or bare root plants any time from the first of November to the first of April. These are plants which are dug with their full root action from the field, the tops pruned back and all foliage removed.

SUBSTITUTION. It is almost impossible to forecast exactly what the demand will be for any particular Roses in our list, and sometimes we sell out early in the season. In placing orders, please state whether we are at liberty to substitute or not. Where we do this we will use every endeavor to give equally good or, if possible, better varieties.

Dahlias

The Dahlia is one of our leading specialties. The collection we offer consists not only of the best and most up-to-date varieties gathered from all countries, but includes also a selection of the very fine seedlings raised at our Montebello nurseries.

The collection we are offering you this season has been carefully revised, inferior sorts have been discarded and better and superior varieties substituted. In the selection of these varieties, we have been particular to include only those which possessed good stems and flowers of perfect form, having carefully considered all of the points which go to make up a first class Dahlia. No weak necked varieties are included in the list herewith submitted. Customers purchasing Dahlias from us may depend upon getting nothing but the best. In the case of some of the novelties noted in this catalog we cannot furnish tubers this season, due to the scarcity of the stock, but will deliver them as green plants growing in pots this Spring.

Although it is not generally understood, Dahlias grown from cuttings in the Spring potted on and planted out in May, June or July flower quite as freely as those which are grown from tubers. We direct your attention to the splendid new varieties included under the novelty list in this bulletin. They are varieties of special merit such as we know will more than please you.

Extra Choice New and Standard Varieties of Dahlias

Adelaide Bareras (Decorative). A large, flat petaled variety. Color, rich orange with chrome yellow shadings. Good stem and neck. A desirable variety. Tubers 75c each.

Billie Burke (Cactus). A decorative Cactus Dahlia of extremely large size. In color, soft yellow, the reverse of the petals toned with rose. This variety can be grown 8 inches in diameter. Flowers borne at the tips of strong rigid stems. Tubers 50c each.

Bianca (Cactus). One of the best of all Cactus Dahlias. Fine stems, good foliage, ideal variety. Lavender pink in color. Tubers 50c.

Champagne (Decorative). One of the largest Dahlias in cultivation today. A model Dahlia from any point it might be considered. Gigantic flowers of perfect formation are produced on long rigid stems. The color is a shade difficult to describe. The originator's description is as follows: "Color is delightful in warm autumn shades, varying from burnished copper to dull old champagne and chamois." Tubers. Price \$5.00 each.

Contrast (Decorative). Rich crimson scarlet, beautifully tipped with white. Tubers 50c each.

Delice (Decorative). An old standard favorite. Blossoms are only of moderate size, but are freely produced. In color a delicate shade of soft pink. It is one which is grown largely for commercial purposes. Its color has never been surpassed. Tubers 35c each.

Dr. Tevis (Decorative). Unquestionably one of the finest Dahlias ever introduced and one of the most popular. Blossoms of magnificent proportions. The color is unique, being a blending of copper, old rose and gold. Wonderful stems and very free in bloom. Tubers \$1.00 each.

Entendard D'Lyon (Hybrid Cactus). An exceedingly choice Cactus Dahlia, large in size, unique in color, the latter being a very attractive shade of glistening royal purple. Tubers each 75c.

Field Marshall (Cactus). Easily one of the best golden yellow cactus Dahlias in cultivation today. Blossoms of enormous size, borne on straight, stiff stems. We have grown this Dahlia on disbudded plants wherein the blooms attained a diameter of 8 inches, of faultless form. Tubers 75c each.

Gloire de Verdun (Decorative). An extremely large, bright crimson scarlet decorative Dahlia. Petals beautifully notched, more or less flat and reflexed in the open flower. An ideal variety for cutting purposes, the stems being of great length, very rigid. One of the best of its color. Highly recommended. Tubers 75c each.

George Walters (Hybrid Cactus). Gigantic sized flowers of informal shape; pink and salmon in color, with shadings of gold at the base of the petals. Always a favorite. One of the best of its particular color. Tubers 75c each.

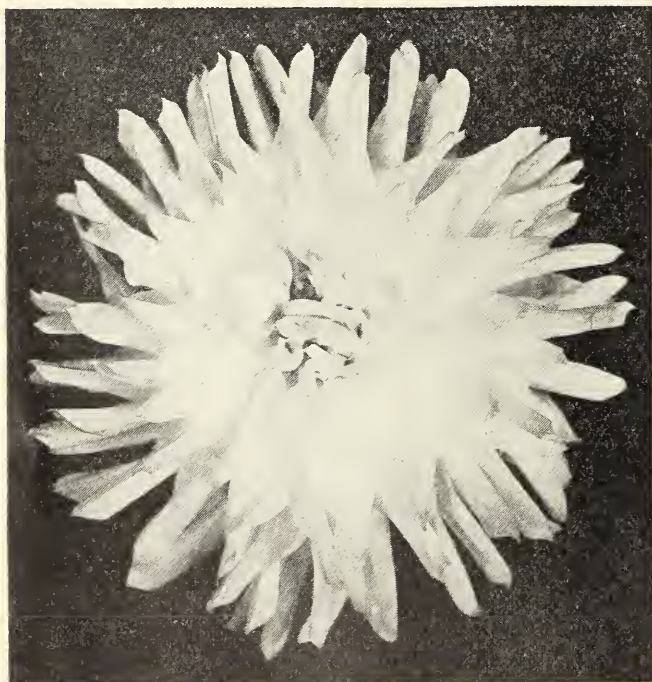
Golden West (Cactus). A grand variety for cutting purposes. Flowers produced in profusion, stems first class. A Dahlia of great worth as a commercial cut flower. One of the most popular varieties grown for market today. Keeping qualities the best. Tubers each 35c.

Giant of Stuttgart (Decorative). A flower of enormous proportions, similar in form to the variety *Souv. de Gustav Doazon*, but much darker. In color, a velvety crimson scarlet. Rich in tone; a worth while sort. Tubers each 75c.

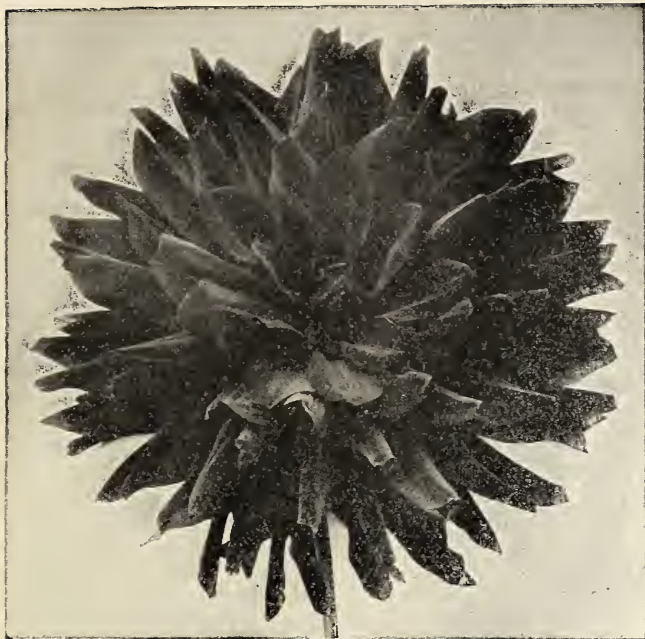
Gladys Sherwood (Hybrid Cactus). A pure snow-white decorative Cactus. Disbudded flowers can be grown to immense size. It has one defect and that is shortness of stem. Tubers 75c each.

Havella (Decorative). A Dahlia of superb form and substance, bearing flowers of great size with splendid depth. The arrangements of the petals is well-nigh perfect. In color a sort shade of old rose. Blossoms of enormous size, freely produced. An exquisite variety for cut flower purposes. Strong green plants, ready May 1st, \$1.50 each.

Hortulanus Fiet (Decorative). Shrimp pink overlaid with gold. A large, perfectly formed bloom. Always scarce. Strong green plants, ready May 1st, \$1.00 each.



Field Marshall



Mrs. S. B. Holmes

Insulinde (Hybrid Decorative). Easily one of the finest of all Dahlias in cultivation today. Blossoms of enormous size, composed of petals arranged in loose, curled formation. The flowers are beautifully poised on the ends of long rigid stems. The color is a magnificent shade of tawny orange, the reverse of the petals shot with rose. Flowers on disbudded plants grow to enormous proportions. It is a Dahlia without a fault. Tubers \$1.00 each.

Jean Charmet (Decorative). A very free flowering decorative Dahlia of moderate size. While not a new sort, it has enough points in its favor to recommend it for any collection. Color is a delightful soft rosy lavender. Tubers 35c each.

Jean Chazot (Cactus). A superb new Cactus Dahlia from France and easily the best of its color introduced up to the present time. The flowers are extremely large, produced on fine, stiff stems. A splendid keeper when cut. Color, a beautiful golden bronze with just a faint suffusion of red. Tubers \$1.00 each.

Judge Marean (Decorative). A superb decorative type of Dahlia bearing flowers of enormous size on stout, stiff stems. In color a shade difficult of description, the base of the petals a rich golden amber merging to rosy crimson at the tips and edges. It is a two-toned flower and one of remarkable effect. Ideal for cutting purposes. Height, medium. Strong, green plants \$1.00 each.

La France (Decorative). One of the earlier introductions in Decorative Dahlias. It is still a good one, pure La France pink in color. When disbudded the flowers are of large size. A clean, even shade of pink, very desirable. Tubers 35c each.

Mad. Victor Cayeux (Decorative). A sensational novelty in the decorative class of Dahlias. The plant is a very tall grower, the blossoms of enormous size, held perfectly erect, with beautifully reflexed petals. Color, a superb shade of burnt orange magnificently displayed in the enormous flowers. Flowers may be cut with 4 or 5 foot stems. A regal variety in every sense of the word. Tubers \$2.50 each.

Mrs. Suzanne B. Holmes (Cactus). One of the finest dark crimson maroon Cactus Dahlias in cultivation. The blossoms are only of moderate size, but there is a perfect arrangement to the petals. Stems long and stiff. The whole flower is of uniform and neat arrangement. We raised this Dahlia several years ago and believe it to still be one of the best of its type. Tubers 50c each.

Mary C. Burns (Decorative). A decorative Dahlia of superb form and substance. The flowers are of immense size, beautifully poised on strong, rigid stems. No weak necked flowers ever manifest themselves in this variety. The color is a brilliant shade of golden orange with the reverse side of the petals reddish bronze. One of the most attractive of all Dahlias. Tubers \$1.00 each.

Mina Burgle (Decorative). Pure rich scarlet flowers of moderate size, produced on long wiry stems. A very popular market variety. Keeping qualities the best. The color of the flower is intensely bright and glowing. Tubers 35c each.

Madonna (Decorative). More or less similar in form and general characteristics of growth to *Delice*, but light rose pink in color. While the flowers are not large, they are of splendid value for cutting. Stems stiff and wiry, of exquisite effect in vases. Tubers 35c each.

Mabel B. Taft (Decorative). A splendid rich flowered decorative Dahlia. The flowers have a ground color of canary yellow with a suffusion of pinkish apricot. Large as to size, but requires plenty of disbudding. Tubers 75c each.

Mount Everest (Decorative). A dainty miniature flowered, pure white, decorative Dahlia; an ideal variety for use in small vases, etc., where flowers of the large class cannot be used. If grown without disbudding, it will produce enormous quantities of blooms, 4 to 5 inches across. This Dahlia has wonderful keeping qualities. It will prove a good variety either for commercial or garden purposes. Tubers 75c each.

Mr. Crowley (Decorative). A wonderful Dahlia in every respect. The basic color of the flower is a ground of salmon pink suffused with gold and amber yellow. Blossoms of absolutely perfect form, held quite erect. A flower of wonderful effect. Cut blossoms light up well under artificial light, making it particularly valuable for indoor decorative purposes. Strong, green plants, May 1st, \$2.50 each.

Mrs. G. Schieff (Decorative). One of the early introductions in the giant class of decorative Dahlias and still a good one. Bears enormous size flowers of perfect form well above the foliage. Color, coppery orange with the reverse of the petals rosy scarlet. Tubers 75c each.

Nieblungenhort (Hybrid Cactus). Shrimp pink with shadings of bronze. A flower of handsome form and large dimensions. Not a new variety, but one which is always scarce and in demand. Tubers 75c each.



Insulinde



Contrast

Nobilis (Decorative). Intense brilliant scarlet shading to pure white at the tips of the petals. The blossoms are very large as to size; petals lie perfectly flat, one above the other, giving the blossom more or less regular contour. One of the largest and finest of all bi-colored Dahlias. Strong, green plants, ready May 1st, \$1.50 each.

Osam Shudow (Decorative). A Dahlia of gigantic size. Color, a wonderful shade of mauve rose, the blossoms attaining a diameter of 9 to 10 inches and over on disbudded plants. The plants are of vigorous growth, well furnished with heavy leathery foliage, above which are poised blooms of immense size. Easily one of the finest Dahlias in cultivation today. Strong, green plants, ready May 1st, \$2.50 each.

Patrick O'Mara (Decorative). Rich chrome yellow with a suffusion of salmon red. A very popular Dahlia in the eastern portion of the United States, where it has received many first awards. Disbudded flowers are of immense size and perfect formation. A desirable sort. Tubers 75c each.

Pink Beauty (Decorative). We raised this Dahlia a few years ago. It is a giant flowered cactus type with a wonderfully refined form, in one of the most delightful shades of color to be found. The blossoms attain a diameter in disbudded plants of 8 to 10 inches. The petals are outstanding, beautifully quilled. In color, a delicate shade of lavender pink, shading lighter at the center of the flower. Unexcelled for cutting purposes. Splendid stems. Tubers 75c each.

Pride of California (Decorative). Intense glowing cardinal red. A popular variety with cut flower buyers owing to its brilliant color, large size and wonderful stems. Should be included in every collection. Tubers 50c each.

Primrose Dame (Decorative Cactus). One of the loveliest of our entire collection and one that we feel sure will please the most critical Dahlia grower. The combination of color in this variety is quite distinct from any other that we know of. The ground color of the flower is primrose yellow, over-

laid with coral pink. The blossoms are of the true Cactus decorative type with beautifully curved and twisted petals. The flowers are poised on the end of a long stiff stem. Extra good for cutting purposes. Tubers, each 75c.

Pride of San Francisco (Decorative). A flower of superb form and substance, borne on strong, rigid stems and a great advance by way of color in Dahlias of its class. It is remarkably free in growth with the stem clothed with heavy, closely set dark green foliage. It is also unique as to color, being an exquisite shade of coral pink, merging to amber and gold at the base of the petals. A grand variety and should be included in every collection. Strong, green plants, ready May 1st, \$2.50 each.

Princess Pat (Decorative). A decorative Dahlia bearing blossoms of immense size and perfect form. The flowers show great depth, the center being high and full. The stems are perfect and the color one much sought after, being a pleasing shade of old rose. Green plants ready May 1st. Price \$1.00 each.

Rising Beauty (Hybrid Decorative). A hybrid decorative Dahlia with immense flowers, borne on long, straight stems. The blooms have long, narrow petals scarlet in the body with the ends of the petals tipped golden yellow. Strong, green plants, ready May 1st, \$1.50 each.

Souv de Gustav Doazon (Decorative). Bright fiery red. Immense as to size, superb as to form. An old Dahlia, but still a good one. Tubers 35c each.

Snowdrift (Cactus). Unquestionably one of the finest white Cactus Dahlias ever grown. The color is glistening snowy white—as white as driven snow. It combines exquisite form, splendid stems and perfect petal arrangements. Tubers 75c each.

Skagerrak (Cactus). A decorative Cactus Dahlia of bushy branching growth, in color a pure, even shade of lemon yellow. Blossoms very large and freely produced. Tubers 75c each.

St. Francis (Decorative). A delightful shade of soft cream, flushed with pink on the outer portion of the petals. Blossoms of immense size, exceedingly free. A splendid addition by way of color to the list of decorative Dahlias. Strong, green plants, ready May 1st, \$3.50 each.

Thos. Parkin (Cactus). An old Cactus Dahlia, but one of perfect form and possessing such other good qualities that we have retained it in our list. Color, distinct shade of reddish orange. Very free. Tubers 35c each.

Theodore Vail (Decorative). A Dahlia of splendid form and substance. Perfect as to stem, combining all of the points which go to make a first-class flower. Color, deep orange; base of the petals shaded with deep amber. Tubers \$1.00 each.

U. S. A. (Hybrid Cactus). Blossoms of immense size, dark reddish orange in color. The flowers have a life and glow to them which attracts attention at once. Comes into bloom early and is one of the last to remain in flower. A splendid all around variety. Tubers each 75c.

Wodan (Decorative). Flowers of enormous size. Color, exceptional, being old rose tinted with gold. Tubers 50c each.

Pompon Dahlias

An elegant class of small flowered Dahlias. They are miniature forms of the large flowered Show type. They form dainty subjects when used in baskets or vases, being particularly adapted for use as cut flowers. The colors in all varieties are charmingly bright and fresh.

Adela. A distinct shade of rosy crimson.

Darkness. Dark velvet maroon. One of the best of this set.

Flora. A bright golden canary yellow.

Guiding Star. One of the most distinct of all pompon Dahlias. Petals closely set, beautifully imbricated at the tips, giving the flower a beautiful fringed appearance. Although this Dahlia was introduced years ago, we question very much as to whether it has been superseded by any other white in the pompon class. A variety of exquisite effect when used as a cut flower. Stems good. Very profuse in bloom. An ideal variety. Tubers 35c each.

Juliet. A neat, compact flower. Base of the petals deep yellow, shading to rosy heliotrope.

Leila. Elegantly formed pompon. Ease of petals deep chrome edged with carmine. Petals occasionally stippled with salmon.

Myra. In color, crushed strawberry and gold. Flowers quite small, but of perfect form.

Neatness. An exquisite shade of clear lavender.

Red Indian. Bright crimson scarlet.

Rosea. A deep shade of carmine rose. Shows up particularly well under artificial light.

Any of the above, ten choice varieties, each 35c. Per dozen \$3.00.



Guiding Star

Paeony Flowered Dahlias

A handsome class which has strongly grown in popular favor in the last few years. The blossoms are semi-double with large wavy petals, quite informal in their general make-up but very decorative in character. In great demand on account of their value as cut flowers.

Admiration. Rosy crimson with buff shading. Each 35c.

Baron G. de Grancy. Immense creamy white. Each 50c.

Comte de La Parx. Old rose, suffused gold. Each 50c.

Drum Maojr. Plants of much branched habit, bearing without any artificial manipulation, such as disbudding, etc.: large, long stemmed blossoms. When disbudded can be grown to immense size. In color, a two-toned flower, the base of the

petals showing a zone of rich orange, gradually merging to velvety crimson scarlet. Ground splashed and stained with golden yellow. A superb variety for cutting purposes, the informal shape of the flower adding greatly to its effect as a decorative cut bloom. \$1.00 each.

Geisha. Scarlet and gold. Very fine. Each 50c.

No. 935. Snowy white. Extra fine. Each 50c.

No. 952. Orange scarlet, shaded yellow. Each 50c.

No. 967. Blackish maroon. Each 50c.

No. 900. White, striped and splashed violet purple. 50c.

No. 1002. Scarlet. Extra large. Each 50c.

SPECIAL OFFER

One each of the preceding Paeony flowered Dahlias, comprising a splendid selection of all colors, for \$5.00.

Show Dahlias

We offer you a collection of a few of the best of these old-fashioned types of Dahlias. Although not so graceful in form as the Cactus or Decorative, they are decidedly better keepers. Their richness in color and formal shape of bloom find many admirers.

Caleb Powers. A delicate, soft pink of splendid form and contour.

Condor. Buff and orange.

Dorothy Peacock. A pure, even shade of shell pink.

Die Jungfraulische. Pure snow white. An excellent decorative sort.

Florence Trantor. White tipped with deep rosy lavender.

Hugh Austin. Bright orange scarlet. Flowers of formal build. Quite round in their outline.

Mount Blanc. A pure white show of refined form and splendid substance. About the same form and contour as the yellow variety, J. C. Vaughan. One of the best of its color.

Max Deegan's Zogling. A vari-colored Dahlia, petals having a ground color of deep burnt orange. The tips of the petals are shaded and stippled with salmon and gold. Like most bi-colored sorts, the colors vary in different seasons.

Mr. Gladstone. One of the best pure pink show Dahlias. Blossoms model as to form. One of the best of its class.

Purple Gem. Bright purple crimson.

Sunset. Deep glowing red. A show Dahlia of large size.

Spitfire. Bright scarlet, intense in color; a veritable gem.

J. C. Vaughan. Bright canary yellow. One of the best yellows in commerce today.

Strong tubers of any of the foregoing, price each 35c. Per dozen \$3.50.

CULTURAL NOTE

Dahlias are strong, vigorous growers and require a rich soil with abundant supplies of water during dry weather. The beds should be in a fully exposed sunny position and should be well enriched with well-rotted manure, dug deeply into the soil. Three feet is about the proper distance apart for planting.

As dahlias attain a height of 6 feet or over in a single season, staking the plants is a matter of great importance. We have found that the best method is to drive the stakes before planting at the allotted distances the plants are to be set. Then carefully insert the plant or tuber in the soil close to the bottom of the stake.

In event that dry tubers are being planted, cover the crown with three or four inches of soil; in case green pot plants are being used, plant them one or two inches deeper in the soil than they were in the pots. It does not matter whether tubers or green plants are used insofar as their flowering during the current season is concerned. Green plants set out as late as July 1st make splendid flowering specimens the following Autumn.

The young shoots must be tied to the stake as soon as they attain a foot in height. As the growth progresses tie at intervals of every eight or ten inches. The result will be a nice straight specimen and an added neatness to the garden.

Chrysanthemums

The Chrysanthemum has been well named the "Queen of Autumn," and there is no class of herbaceous plants more indispensable for garden decoration or for cutting purposes, especially as applies to the Autumn months. The range and variety of types is very large, including those of the Japanese class with their immense fluffy blooms, the formal shaped incurved, the dainty pompon and those which are similar to anemones in form. The collection which we offer you is representative of the best varieties placed in commerce during recent years. It includes not only old varieties of sterling worth, but others which are a distinct advance by way of either form, color or size.

For the benefit of our customers we have segregated them as to color. The plants we offer are all propagated from vigorous soft wood, top cuttings and grown on in 2-inch pots. Plants grown by this method give uniformly better results than where they are grown from sucker divisions. The varieties noted in this collection will be ready for delivery about April 15th.



Miss Maude Jeffries

Japanese Types—White

Algonac. White, slightly incurved. High rounding blossoms.

Antigone. Immense pure white flowers. Very double. Plants quite dwarf.

Autocrat. Immense snow white blooms and exceedingly fine foliage.

Crystal Gem. A pure white incurved. One of the best varieties for flowering in October.

Florence Denzer. A good white variety.

Josephine Foley. An excellent pure white, suitable for exhibition purposes. Flowers incurved with fine stem and foliage.

Lynnwood Hall. A splendid cut flower of immense size. Pure white.

Mrs. R. Oberthur. Pure white.

Miss Maude Jeffries. White variety with fine foliage. A fine variety for commercial purposes. Dwarf.

Miss Nellie Pockett. A superb variety from Australia. Petals long, drooping and interlaced. Flowers of great depth and breadth.

Mrs. F. J. Trantor. Giant reflexed blooms. Creamy white, occasionally penciled rose pink.

Mrs. S. J. Reuter. A beautiful pure white. Very desirable.

October Frost. A very early blooming white, of large size.

Oconto. A white incurved with rigid stem and perfect foliage.

President Taft. Pure white Japanese incurved. Extra good stem and foliage.

Thanksgiving Queen. Large creamy white. Comes just right for Thanksgiving.

White Chieftain. A pure white sport of Chieftain, quite as good as its parent.

William Turner. One of the most remarkable of all chrysanthemums as to size, ten to twelve inch flowers on well-grown plants being quite common. Splendid for cutting.

Japanese Types—Yellow

Bessie Godfrey. A broad petaled canary yellow. Incurved.

December Gold. One of the best late yellows. Reaches perfection during December.

Etoile du Nord. One of the richest yellows in our collection. A grand golden yellow color.

Golden Gleam. Bright, glistening golden yellow. Extra choice.

Golden Queen. The best yellow for October. Matures about the 10th. Incurved.

Major Bonaffon. Incurved yellow of regular formation. One of the best commercial varieties.



Chieftain

Marigold. A yellow of unsurpassed beauty, both as regards size and color. Matures about October 20th.

Mad. Paolo Radaelli. A very large yellow, faintly tinted pink.

Mrs. R. C. Pulling. Clear, bright yellow in color and a flower of large size. One of the best varieties for exhibition purposes.

Mrs. F. J. Taggart. A grand late yellow.

Monsieur Pechon. An enormous incurved golden yellow. Very double.

Nagoya. A very late flowering golden yellow. Reaches perfection about December 1st.



Meudon

Japanese Types—Red

Adele Griswold. Bright red in color. Fine stem with excellent foliage.

Edgar Sanders. Bronze with lighter reverse. Extra large flowers. Fine, heavy foliage.

T. Quittenton. Reflexing deep crimson red. Immense size.

Intensity. Red bronze reverse. A strong grower.

Mrs. R. F. Felton. Rosy terra cotta red.

William R. Meredith. Dark crimson red with gold reverse. Fine foliage, good stem. An unusual color.

Japanese Types—Pink

Chieftain. A very popular commercial pink. Extra good stem and foliage.

Good Gracious. A splendid variety which throws fine, large blooms. Petals long and narrow. Irregular incurving.

Lady Hometown. Light pink. A beautifully formed bloom. Dwarf.

Lavender Queen. A large reflexed lavender pink.

Meudon. One of the best pinks in cultivation. Immense in size. Unsurpassed.

Mlle. Jeanne Rosette. Narrow quilled petals. Very double flowers. Soft pink in color.

Miss Lucy Evans. A beautiful shade of heliotrope pink. Center petals incurved, outer petals reflexed.

Mrs. Coombes. A pleasing shade of deep pink.



Smith's Sensation

Pink Rosette. Blossoms are of immense size, petals tubular.
Smith's Sensation. A delicate shade of light pink, beautifully incurving in form. A fine exhibition variety.

T. Richardson. An extra choice pink variety, with silvery reverse, form loosely incurved.

Unaka. An exquisite pink.

Japanese Types—Purple

Mrs. T. Carrington. Rosy purple with silver reverse. Good foliage, fine stem and large blooms.

Mons. Antonin Marmontel. Rosy purple. Enormous exhibition variety.

Price of any of the foregoing varieties, each 25c; per dozen \$2.50; per 100 \$17.50.



Wm. Turner

Hardy Varieties

Under this heading we offer you a selection of the small flowered types of Mums including those of the pompon, single and anemone flowered classes. These small flowered Mums are today one of the most popular of all Autumn flowers. Their dainty blossoms are borne in spray-like masses, they are exquisite for interior decoration, last well when cut, require no artificial manipulation such as disbudding, etc., and we believe are today the most popular of any of the classes of Mums grown. They lend a charm when planted in masses in the garden or when used as cut flowers. The rich shades of golden bronze, Indian red, etc., which manifest themselves in this class of Mum are truly suggestive of Autumn. The collection which we offer you contains some of the finest varieties introduced to date.



Single Chrysanthemum—Lady Lu

Anemone Flowered Types

Co-ed. A very distinct anemone flowered type. Flowers of medium size. In color an exquisite shade of dark rosy lavender. Nothing more beautiful can be imagined than a vase of these anemone flowered Mums.

Katherine Simmons. A variety with a well-crested center, the outer petals tubular in formation. Soft pink in color.

Lillian Doty. Soft shell pink, turning lighter as the flower ages.

Mrs. H. Hogben. Orange bronze. A charming color for table decoration and has every other desirable attribute. Medium height and growth.

Pearl. A beautiful pearly white flower of perfect formation. Double to the center. The flowers on reaching maturity are pure white. A lovely anemone flowered form.

Satisfacto. A splendid anemone flowered Mum in tints of old gold and bronze.

Source d'Or. One of the oldest of the anemone flowered types and still one of the best. Color, a magnificent shade of old gold. A superb variety for cutting purposes. Flowers quite large.

Sunshine. A very late variety, and, as the name implies, a brilliant golden yellow. A comparatively new sort and one which we can highly recommend.

Western Beauty. A splendid double anemone flowered sort. In color, bright rosy lavender. A mid-season variety of great beauty and value.

White Anemone. A replica in form, habit of growth, etc., to Yellow Anemone and a fine companion in every way. Flowers pure white, borne in dense compact heads. One of the best of all whites.

Yellow Anemone. A splendid primrose yellow. Flowers of moderate size, quite double. Blossoms produced in compact heads. One we can strongly recommend. Moderate in height.

Price of any of the above Anemone types, each 20c, per dozen \$2.00.

Pompon Flowered Types

Davenport. A lovely shade of burnt orange and chestnut, somewhat dwarfer in growth than New

York and more compact in habit. A fine variety in every sense of the term.

Eugene Langualet. Medium size, pure yellow; a late flowering sort.

Golden West. An elegant golden yellow, petals much imbricated, giving the flower a fringed appearance. The blossoms are borne in compact trusses, absolutely perfect in formation. Fine for basket work or for low borders.

Golden Climax. A splendid addition to the yellow class of Pompon Mums. Somewhat taller in growth than Golden West. Bears immense trusses of bright golden yellow flowers. Planted in the garden in borders or beds, it is a mass of pure gold.



Golden Climax. One of the best Pompon Chrysanthemums.

Lucy. A brilliant sun flower yellow—a color which is at once intense and effective.. A grand sort for cutting purposes.

Mrs. Frank Beu. A minute flowered pompon variety. Bright sunflower yellow in color. The dainty flowers composing large trusses, scarcely reach a diameter of half an inch. Although one of the smallest of all pompon Mums, it possesses a grace and elegance of unsurpassed beauty. Highly recommended.

New York. Easily one of the finest of all pompon Mums by way of color. A superb shade of reddish bronze. Flowers of moderate size, freely produced on well-branched trusses. A gem for cutting.

Rita. A very dwarf free flowering pompon. A lovely shade of chestnut red. The flowers are quite small—almost a replica of Golden Climax in general contour.

Price of any of the foregoing Pompon Mums, each 20c; per dozen \$2.00.

Single Types

Catherine Livingston. Lavender toned with white. Bears four rows of petals surrounding the central disc. Dwarf in habit. Extra good.

Donald. Flowers semi-double, cream white in color, tinged with lavender in the fully developed flower. An exceedingly graceful loose formed variety.

Dorothy Dugan. A large flowered semi-double form. Pure white tinted cream in the opening bloom. Easily one of the best whites.

Excelsior. A large flowered single. Open blossoms a delightful shade of bronze and flame.

Irene. Deep lavender merging to a white zone in the center of the flower. A dwarf variety.

Katherine Covell. Bright purple, about the same shade as that to be noted in the large flowered Mum, Mr. T. Carington.

Lady Lu. A very large flowered, loose petaled single Mum. Informal in shape, exquisite in color and fine for cutting purposes.

Leon Grant. A superb single variety with broad, flat petaled flowers in a pleasing shade of deep rosy pink. A very good sort.

Little Barbee. Certainly one of the most exquisite of all single Mums. Blossoms not much larger than some of those of the bigger flowered pompons. The color is a splendid shade of bright canary yellow.

Mrs. Wm. Buckingham. A lovely mid-season pink. Has proven itself to be one of the best varieties for cutting or market purposes ever introduced. We cannot too strongly recommend this variety.

Mrs. Lou Thompson. A beautiful primrose yellow, similar in form to Dorothy Dugan and a fine companion by way of color.

Miss Ida Kroeschell. A lovely shade of Indian red. Has the true autumn tints in its color make-up.

Marion Sutherland. Bright sunflower yellow of extremely rich effect. Superb either as a variety for cutting or for planting in the garden.

Minnesota. One of the handsomest of all the dark flowered section of single Mums. The color is a bright glowing crimson toned with maroon. Under artificial light the flowers have a glow and sheen which makes them doubly attractive.

R. B. Burge. Pure snowy white with broad, well arranged petals. A splendid addition to the whites.

Richard Delafield. Bronzy crimson with a zone of gold surrounding the center disc. A single variety of great merit.

Yvonne. In color a pure tone of golden amber. Very free, quite dwarf.

Price of any of the above single Mums, each 20c. per dozen \$2.00.



White Chieftain

CULTURAL NOTES

Preparation of Beds. Where it is desired to produce exhibition blooms of the largest size, it is advisable to begin operations early in the season. The beds in which they are to be grown should be spaded over to a depth of fifteen inches and have a liberal dressing of well-rotted manure, thoroughly worked through the soil. Begin the work of getting ready a month in advance of the planting time, putting on the manure after the first breaking up of the bed; give a thorough soaking when this is done, and when sufficiently dry turn over again.

This procedure thoroughly incorporates the manure and sweetens the soil, which is a factor of great importance in the production of fine blooms.

Arrangement of beds. The best width for a bed is three feet with a length to suit the requirements of the garden. A path two and one-half feet wide between the plots is advisable. Rake the beds to perfect grade and construct a narrow ridge five inches high along the sides and end. With this done, we have what is practically a basin for the plants.

Planting. With the beds prepared as above noted, draw two lines from end to end, ten inches from the ridges at the sides; this leaves the lines 16 inches apart through the middle of the bed. Along those lines insert the plants one foot apart.

Planting may be done any time from April 1 to June 15. As a rule, however, the early plants give the best results.

Watering. If the beds are prepared as noted above, there is practically a basin to hold the water. Of this chrysanthemums require plenty, and it should be administered by flooding the bed; lack of water causes hard stems and consequent poor blooms. There is more danger of too little rather than too much water in our dry climate. Aim to keep the plants growing freely at all times. Keep the beds moist without being soggy.

Staking. As soon as the plants are set out, insert a stout post at each end of the row and thoroughly brace same. Between these posts and along the row of plants stretch strong,

light wires; the first one foot above the ground and others to the number of four, one foot apart above the first. At every five feet between the end posts drive a 1 x 2-inch by 6-foot stake and staple the wires to same at the point they cross. This wire and wood framework should be 5 feet high; the end posts 7 feet long with 2 feet buried in the ground to sustain the tension of the wire. With the intermediate posts 1 foot in the ground is sufficient. As the plants grow during the season, carefully tie them with raffia to the wires.

By arranging the plants in long, narrow beds and supporting as above, they are easy to get at for disbudding, cultivation, etc., and high winds are not liable to break them off.

Pompon, single and anemone flowered chrysanthemums are best grown in a natural manner. The staking which applies to the larger flowered types is not advisable with these varieties. They are usually dwarfer in growth and do not require the staking referred to above.

Pinching. If allowed to grow unchecked, the plants would reach a height of several feet by fall. To keep them in bounds they should be cut back once or twice during the Summer, but not later than August 10. Early set plants can be stopped in June and again in August. For late planted stock one pinching back will suffice.

Assuming that the plants have been pinched back to 18 inches in August, an abundance of young shoots will start at once; when these have attained a length of three or four inches select four or five of the strongest and remove the balance.

It is to be remembered that each of the shoots left is to be the flower stem crowned with a large single bloom in the fall. If more and smaller blooms are desired, more shoots may be left, but the blooms will not have the size or quality where fewer are selected. As the new shoots grow very rapidly, keep them well tied up, removing all new side shoots which may appear in the axils of the leaves. By October these shoots should be nearly four feet high and ready for the final operation.

The process of pinching, as referred to above, is applicable to chrysanthemums of the incurved or Japanese types only. We would not recommend the disbudding of the singles, anemone flowered or pompon types. These are far more beautiful when allowed to develop in a natural manner. Give them no artificial manipulation whatever.

Disbudding. We have here an operation upon which depends the success of the crop and one in which the good judgment of the grower is constantly called upon. In warm seasons the buds, especially the early varieties, often make their appearance by September 1st. As soon as they are large enough to handle, select the strongest and remove the balance. It is not always advisable, however, to leave the large one at the terminus of the shoot; this often brings a coarse bloom and too early. A second bud lower down, although of smaller size, will produce an equally large bloom, but later in the season. After the bud has been selected, keep all side growths pinched out, the idea being to divert the entire flow of sap to the one bud.

Manures. Chrysanthemums are gross feeders. A liberal mulch of well-rotted manure every two or three months during the growing period aids greatly in the production of fine foliage, heavy stems and large blooms; it checks the evaporation and keeps the soil cool and moist. Commercial fertilizers, such as bone meal or blood and bone, are useful in accelerating the growth, but care must be used not to overdo; an ounce or two to the plant dusted over the soil and raked in every two or three weeks during the Summer is sufficient. An overdose will destroy the root action. Discontinue all solid forms of fertilizer when the buds appear, giving only manure in liquid form. Stop this when the petals begin to appear, using water only.



Field view of block of Cannas at Montebello

Cannas

For rich, sub-tropical garden effects, used in conjunction with grasses, etc., such as Cyperus, Papyrus, Eulalias, Crimson Fountain Grass or Caladiums, Cannas can scarcely be excelled. They bloom without intermission from early Summer until the advent of Winter frosts.

We devote several acres of ground each season to their culture and have limited our collection to the very best which are on the market today. Aside from securing from all sources the latest and best novelties and subjecting them to rigid tests before distributing them to our customers, we have added some exceedingly fine seedlings of our own raising.

Varieties of Especial Merit

American Beauty (H. & S.). A splendid hybrid of our own production. Color, a deep shade of carmine rose of a particularly pleasing and unique shade. Size of both trusses and individual flowers enormous, with the advantage that it cleans nicely in the truss. Each 50c.

Brightness (H. & S.). Intense orange scarlet. Flowers of magnificent size and intensely brilliant color. One of the finest bedding cannas extant. Each 50c.

Oiseau d'Or (Goldbird). A beautiful shade of canary yellow. The immense flowers are borne in large trusses above the very heavy green foliage. Each 50c.

Firebird. Intense bright scarlet. Flowers enormous in size, 8-inch blossoms being quite common. Each 35c.

Faisandore. Bronze foliage, flowers a beautiful apricot carmine color with golden sheen. Each 35c.

La France (H. & S.). A magnificent canna in every way. Tall growing with immense flowers and trusses of a clean, even shade of pure pink. One of the finest things in our collection. Each 50c.

Gustave Gumpfer. Deep, rich golden yellow without a trace of any other color. This is one of the finest yellow cannas in cultivation. Each 35c.

Queen Helen (Yellow King Humbert). A splendid canna; a sport from that well-known variety, King Humbert, but differing entirely in color. The flowers are enormous size and of a deep, rich yellow color, handsomely spotted with dark scarlet over their entire surface. The foliage, unlike that of King Humbert, is bright green. The plant attains a height of 6 or 7 feet. The tremendous size of its flowers, trusses and character of growth make it easily one of the most impressive of all the new varieties. Each 50c.

San Diego. This variety is a distinct shade of burnt orange. The individual heads and trusses are of immense size and the trusses clean nicely. It is quite a new color in cannas and one, when it becomes better known, will, undoubtedly, be in great demand. Each 50c.

SPECIAL OFFER

One each of the above superb varieties of Cannas for \$3.50.

General Collection

Alfred Mauther. Deep crimson. One of the best. Each 25c.

Charles Lutz. A lovely shade of pure yellow. Each 35c.

Evolution. Salmon apricot color. A fine variety. Each 25c.

Hungaria. Delicate rose pink. A gem in every way. Each 25c.

Herzog Von Otrante. Yellow with center of bloom deep brownish crimson. Each 25c.

King Humbert. A bronze foliage variety with reddish scarlet flowers. Enormous in size and a great favorite. Each 25c.

Ludwig Kopf. Bronze foliage. Flowers a beautiful orange and apricot color. Each 25c.

Mrs. A. F. Conard. Pure salmon pink with very fine foliage. Each 25c.

Mrs. Kate Gray. Magnificent orange scarlet, overlaid with gold. Each 25c.

Mad. Siebrecht. Yellow penciled brownish red. Each 25c.

Olympe. Rich carmine rose shading lighter towards the center. Each 25c.

Prince Weid. Rich brilliant crimson. Each 25c.

Richard Wallace. Bright canary yellow. Each 25c.

Rosea Gigantea. A pretty shade of carmine rose. Each 25c.

Stuttgartia. Orange scarlet edged golden yellow, marbled light scarlet. Each 35c.

SPECIAL OFFER

One each of the above 15 choice standard varieties of Cannas, an unequalled collection, for \$3.50.

Phlox

These old-fashioned plants in their new and improved types, make one of the most impressive displays of color that it is possible to obtain in the garden. They are indispensable subjects for the herbaceous border, producing a continuous display throughout the Summer and Autumn months. Once planted they last for several seasons as the plants are truly perennial in their nature. As a general thing they may be left undisturbed over a period of three years, after which time it is advisable to divide the clumps and re-set them. This should be done after their Fall blooming period or in early Spring before growth begins.

We produce each season at our Riviera nursery thousands upon thousands of these plants. The fields, when in bloom, are a sight worth a trip of miles to see. From November until April, Phlox can be handled in a dormant or bare root condition. They pack light and can be shipped to distant points at very small expense. They withstand heat and extremes of cold. There is not a State in the Union where they will not thrive if given ordinary attention. With the return of each season you can have a wonderful display of handsome heads of bloom.

Australia. A comparatively new Phlox bearing immense florets. Color, a remarkable shade of crimson purple. Height 2 feet. Price 25c each.

Albion. A vigorous growing variety, pure white, with pale pink eye. Height 2 feet. Price 25c each.

B. Comte. A beautiful shade of purple overlaid with crimson, with a very dark eye. A good, vigorous growing Phlox; one of the best of its shade. Height 2 feet. Price 25c each.

Bacchante. Dark rose with highly contrasting carmine eye. Height 2 feet. Price 25c each.

Bridesmaid. A distinct and beautiful sort, pure white, with a well-defined crimson eye. Height 18 inches. Price 20c each.

Crepuscule. White ground suffused mauve, eye rosy purple. Height 2 feet. Price 25c each.

Elizabeth Campbell. The peer of all pink Phlox. Soft rose pink rayed with white. Dark rose colored eye. Individual florets, immense in size. Trusses very large. A scarce and much-sought-after variety. Height 18 inches. Price 25c each.

Eclairer. Deep wine red. Height 2 feet 6 inches. Novel and distinct color. Price 25c each.

F. A. Buchner. Intermediate in height, between Mrs. Jenkins and Mad. Marie Kuppenheim. Nearly pure white in color. Height 2 feet. Price 20c each.

Goliath. A tall growing large flowered bright orange scarlet Phlox. Lighter in color than Vesuvius. A bright and telling color. Price 25c each.

Henry Murger. Pure white, with a dark eye; a distinct and beautiful sort. Price 25c each.

Louise Abbema. White ground shot with rose. Florets of moderate size. Trusses large and compact. Height 18 inches. Price 25c each.

La Vague. Florets of moderate size, borne in large trusses. In color a delicate shade of soft pink. Height 2 feet. Price 25c each.

Mrs. Jenkins. One of the oldest Phloxes in cultivation and still one of the best pure white varieties in commerce today. Attains a height of 2 to 2½ feet. Trusses immense, conical in form; a particularly good one. Price 20c each.

Mad. Marie Kuppenheim. A splendid front row Phlox. One of the best dwarf pure whites. Height 15 inches. Price 25c each.

Obergartner Reichenau. Extra large flowers, bright rose. Strong, compact grower; extra heavy foliage. A good grower. Very desirable. Height 2 feet. Price 25c each.

Prof. Schielemann. The florets of this Phlox are of moderate size. In color a delightful shade of lilac rose, trusses more or less conical in form. Growth tall. A fine back row variety. Price 20c each.

Prof. Virchow. A soft pearly pink with distinct crimson eye. An especially delicate shade. Height 18 inches. Price 25c each.

Rheinlander. A beautiful salmon pink, the center of each floret relieved with a distinct carmine crimson eye. Height 18 inches. Blossoms and trusses of very large size. Price 25c each.

Rynstrom. A superb shade of dark salmon rose. Florets of immense size, growth compact. Trusses immense. Easily one of the finest Phlox of its color. Height 18 inches. Price 25c each.

Selma. A clear, bright rose highly relieved with a distinct carmine crimson eye. One of the best of all Phloxes of this color. Flowers of superb size. Trusses immense. Height 2 feet. Price 25c each.

Vesuvius. A dwarf Phlox bearing large trusses of bright fiery crimson flowers. Height 15 inches. Price 25c each.

Wanadis. A very desirable variety. Bears immense trusses with large individual florets. The color is unique in this class of plants, being a delicate shade of lilac, the center of each floret having a bluish purple eye. Height about 18 inches. Extra fine. Price 25c each.

Widar. An exquisite two-toned Phlox bearing florets of immense size. Color lavender, rayed with white. Price 25c each.

SPECIAL OFFER

One each of the above 24 choice varieties of perennial Phlox for \$5.00. Any 12, customer's selection, \$2.50. Price per 100, \$16.50. Fifty plants at hundred rate.

CULTURAL NOTES

Although perennial Phlox are of the easiest possible culture, they are a subject which respond readily to good cultural methods. In general they delight in a light, rich loamy soil. They are gross feeders and require an abundance of well-rotted manure worked into the soil—this operation to be done preferably some time prior to planting.

There is a vast difference in the quality of the plants where they have been afforded liberal treatment as against being planted in poor or impoverished soil. During dry weather they require an abundance of moisture and water in generous amounts should be given when they show the slightest signs of flagging.

For a fertilizer we would recommend well rotted cow manure as it tends to keep the soil cool and affords the plants the necessary nourishment which they require.

Where Phlox are planted early they often produce a mass of color by July. With the passing of this crop of bloom, the plants may be cut back to within three or four inches above the soil and by giving them an abundance of moisture at this time a second crop will manifest itself during the Fall months. As the case with Dahlias, often the best crop of bloom is produced during the Autumn months during moderate days and cool nights.

NOTE—We call our customers' attention to the particularly strong character of the clumps of Phlox which we send out. The crowns are extra strong and possess an abundant root action.

Heliotrope

The varieties of Heliotrope which we offer you below comprise a splendid range of colors and belong to the giant flowered class. The trusses in well grown plants often attain a foot in diameter. They are splendid for sunny beds. The delicate color of the blossoms, combined with the dwarf, compact habit of the plants, renders these varieties of special value.

Centefleur. Trusses of enormous size, dark rich violet in color.

Lueur d'Opale. A superb shade of pale blue. Trusses of extraordinary size.

Madam Bruant. A distinct shade of light purple, of splendid dwarf habit.

Snow Wreath. The best of all pure white heliotropes. The trusses of bloom show a lavender suffusion.

Tall Dark. Rich, deep purple flowers. A very vigorous, tall growing variety.

Fine, strong plants from 4-inch pots of any of the above. Each 25c; doz. \$2.50.

Carnations

The refined form, the exquisite fragrance and the free blooming qualities of the Carnation place it in a position which, in popular favor, is second only to the rose. Carnations can be grown with ease in any garden with the simplest methods of culture. They blossom almost without intermission throughout the year, furnishing at all times a bountiful supply of fragrant blooms.

In very cold seasons it is necessary to carry them through the winter under glass. In localities, however, like California or the Southern States, they can be grown in the open ground without danger of freezing.

Aviator. Bright, soft scarlet, makes plenty of grass, free and branching in character. Produces immense quantities of blossoms over a protracted period.

Belle Washburn. A pure, even shade of bright scarlet. Has wonderful stems, good calyx and all the other attributes of a good carnation.

Benora. One of the prettiest of all fancy carnations. Almost the equal of Matchless in size. It bears immense blooms the ground color of which is pure white, heavily penciled with deep rosy scarlet. A unique sort.

Estelle. Deep reddish scarlet. Flowers of large size, splendid as to stem and calyx. One of the best of its color.

Enchantress. Flowers of enormous size; an exquisite shade of shell pink in color. Standard variety everywhere.

Harlowarden. Dark, rich crimson maroon. Like most carnations of its color, the fragrance is intense.

Matchless. A top notch white carnation. Remarkable alike for the immense size of its blooms, its vigorous growth and intense fragrance.

Mrs. C. W. Ward. One of the standard varieties for commercial cut flower growers. Rich rose pink in color; perfect as to calyx, with good stem.

Roosevelt. Rich crimson maroon, not unlike the color to be noted in the old-fashioned clove pink. Intensely fragrant.

White Enchantress. An exact replica of the pink form with immense snowy white blossoms.

Price of any of the above varieties, fine pot-grown plants, ready March 1st. Each 15c; per doz. \$1.50.

CULTURAL NOTE

Carnations prefer a deep, loamy soil which has been well enriched with rotted manure. The position for the beds should be in full sun away from buildings where the refracted sun's rays burn and destroy the beauty of the flowers. Plant in rows 2½ feet apart, with the plants 15 inches apart in the row. This arrangement allows for liberal cultivation and of irrigation by small trenches along both sides of the row. They do far better under this system of watering than when sprinkled; the flowers do not become spotted and the plants grow vigorously.

To obtain the largest-sized blooms, remove when quite small all the lateral buds, leaving only the terminal. This takes the entire sap flow of the stem and results in much finer bloom.



Carnation Belle Washburn

Hydrangeas

It is with pleasure that we direct the attention of our customers to the splendid collection of Hydrangeas noted below. With the exception of the variety Otaska they are all hybrids of French origin and have created a sensation wherever they have been shown. Until the advent of these new hybrids the colors in Hydrangeas were confined to either pink or white, whereas in this new set an immense range of charming colors have been added. The trusses and blooms of nearly all of the sorts are of phenomenal size. The fact that Hydrangeas thrive in shady places makes them especially valuable in north borders, etc., where only too often it is difficult to obtain definite or permanent color effects.

Avalanche. Superb variety with immense panicles of pure white flowers.

Bouquet Rose. Rich pink, turning to light pink.

Botaniste Poltereau. A pretty shade of mauve rose.

Fraicheur. White with dainty suffusions of rose. A very pleasing combination.

Innocence. A splendid compact growing variety. Pure white. Trusses of medium size.

La Lorraine. Pale rose turning to bright pink.

Mlle. De Tremault. A pure white of distinct form. Extra good.

Mlle. Agnes Barillet. One of the earliest blooming whites. Very refined form.

Mlle. Renee Gaillard. Pure white with fringed florets.

Mad. Raymond. White, passing to rose.

Mad. E. Mouillere. A variety with trusses and individual florets of phenomenal size. White, occasionally tinted with pink.

Mad. M. Hamar. A superb shade of delicate blush rose.

Mad. A. Riverain. Brilliant blush rose.

Mousseline. Very large trusses. Light pink, cream colored center.

Mons. G. Renault. Bright rose with carmine reflex.

Ornament. Extra large flowers. Mauve pink.

Radiant. Rich rosy carmine.

Souv. de Mad. E. Chautard. A free blooming and very early pink variety.

Senator Henri David. Superb flowers of delicate pale rose color.

Vieux Chateau. White with suffusion of rosy carmine.

Viscountess de Vibraye. Rosy pink.

Otaska Montrosa. One of the older varieties. Always good. Color blush pink. Trusses extra large.

Price of any of the foregoing varieties, strong young plants from 4-inch pots, each 35c; per dozen \$3.50.



Hydrangea Mad. E. Mouillere

Lantanas

The dwarf types of Lantanas are so extremely useful as bedding plants that each season sees an increased demand for them. In these new and improved varieties the trusses are not only much larger than those of the older climbing sorts, but the neat, compact plants are always covered with bloom. They rarely exceed twelve inches in height.

Amiel. Red, shades to orange.

Crusallis. Bright orange yellow.

Cicerone. Old gold and copper.

Iolande. Burnt orange and red.

Jannia. A pleasing soft pink.

Farfadet. Orange and copper.

Radiation. Rich red.

Snow Queen. Pure white.

Seraphine. Rose pink, merging to orange.

Tethys. Sulphur yellow.

Lantana Delicatissima. The well-known trailing Lantana. Covered with myriads of beautiful lavender pink flowers. Ideal for basket work or as a ground cover in warm, sunny locations. Each 10c, per doz. \$1.00.

Price of standard varieties: Each 15c; per doz. \$1.50; per 100 \$10.00.

Fuchsias

The collection of Fuchsias which we offer below is second in quality to none in America. They are varieties which we have gathered from all sources and will be found not only distinct in character but remarkable for the enormous size of the individual blossoms and their splendid free-blooming habit.

Fuchsias do well in any protected north border and bloom in great profusion during the warm months of the year. They should have a well prepared bed which has been thoroughly enriched with well-rotted manure and copious supplies of water during hot weather.

Choice Double Varieties

Andre le Nostre. A superb large flowered free blooming variety, very double. The corolla is a beautiful shade of prune blue. Each 35c.

Baron Ketteler. A giant flowered, deep rich purple variety, with distinct scarlet sepals. Each 35c.

Beranger. Dark purplish blue with distinct red sepals. Very fine. Each 35c.

Diamant. A superb white variety, the corolla being streaked with rosy carmine. Enormous flowers. Each 35c.

Dr. Behring. Bluish purple corolla. Sepals pink. A superb variety. Each 35c.

Dollar Princess. Corolla purple. Sepals pink. Very free blooming. Each 35c.

Emile Laurent. Rose with handsome white corolla. Clear rose sepals. Each 35c.

General d'Amade. Corolla dark rosy pink. Sepals pink. Extra large. Each 35c.

General Drude. A grand double, pure white variety. Each 35c.

G. Portesi. Violet blue with veinings of scarlet in the corolla. Each 35c.

Graphic. Deep violet purple. Sepals scarlet. Each 35c.

Jarry Desloges. White with distinct shading of rosy carmine at base of petals. Each 35c.

Juliette Adams. A remarkably free flowering double white. Quite distinct from other whites of this set. Each 35c.

Le Robuste. Violet blue, veined with dark rose. Each 35c.

Lucien Daniel. A superb shade of lavender mauve. Sepals light red. Extra choice. Each 35c.

Mrs. Gladstone. Enormous flowers. Corolla pure purple; sepals red. Each 35c.

Monsieur Lequet. An ultra refined pure double white. Very distinct. Each 35c.

Monsieur Morliere. Giant violet purple. Each 35c.

Pythagore. Dark red sepals. Large, handsome violet colored corolla. Each 35c.

Paul Cambon. Carmine red sepals. Bluish purple corolla. Each 35c.

Renault Morliere. Deep prune color. Enormous flowers. Each 35c.

Rose Phenomenal. A superb shade of rosy lavender. A gem. Each 35c.

Torpilleur. Corolla flesh with distinct shading of rose. Sepals red. Each 35c.

Yves Delage. Corolla prune color. Sepals wine red. Each 35c.

Choice Single Varieties

Black Prince. Rich rose colored corolla with scarlet sepals. Each 35c.

Elsa. Corolla rosy purple. Sepals rose color. Each 35c.



Fuchsia Renault Morliere

Sensation. Corolla rose pink, tinted with violet. Carmine red sepals. Each 35c.

Souvenir de Henry Henkle. A hybrid of the triphylla class with blossoms some 3 inches long, borne in clusters. Large prune colored foliage. Each 35c.

Swanley Yellow. A beautiful single variety, similar in form to the preceding, with extra long tube and spreading sepals. A distinct shade of orange red. Very fine. Each 35c.

NOTE

Although to many of our customers the color descriptions as applied to the above Fuchsias will seem more or less alike, we desire to state that all of the varieties are quite distinct in form and character. Regardless of which varieties you may select, you can absolutely depend upon getting varieties which are the choicest in commerce today. The plants are especially fine, well grown stock in 3 and 4-inch pots.

Baby Fuchsias

These so-called Baby Fuchsias are handsome miniature flowered forms resulting from crosses made between *Fuchsia Riccartonii* and some of the larger flowered types. They are very vigorous growers and in the southern sections of California often attain a height of 8 to 10 feet when planted in the open ground. They produce a wonderful profusion of small, dainty flowers that completely cover the plants. If planted in north borders as a background, they are of superb effect. We secured these varieties from France, where they are exceedingly popular for the purposes above mentioned. They are of splendid use also if planted in tubs or pots, as porch plants. We are only giving short descriptions of these varieties, but all are distinct either as to form or color.

Baumarchias—Purple.
Carmen—Violet.
Elysee—Rose pink and white.
Florian—Purple.

L'enfant Prodigue—Violet purple.
Minos—Dark purple.
Mrs. Alice Hoffman—Clear white.
Mrs. Josephine Frankenfeld—White.

Nestor—Royal purple.
Ronsard—Violet.
Riccartonii—Bluish purple.
Telegraph—Purple.

CULTURAL NOTE

Fuchsias are primarily moisture loving subjects. The original species from which the hybrids above noted were raised are principally natives of Central and South America. The country to which they are indigenous is one where an abundant rainfall occurs during the various months of the year. Although most of the species are tropical or semi-tropical in their nature it has been demonstrated that they are amenable to both indoor and outdoor culture in the temperate zones. There are but few subjects which will give better results planted in a north shady position than Fuchsias. They grow with great rapidity and blossom without intermission from early Spring until late Autumn. The number of plants which will grow and blossom profusely in a north exposure are

comparatively few. Fuchsias are one of the subjects which require this particular condition. They may be grown as single specimens trained to pyramidal form or they may be trained as standards on single stems. Planted early in Spring and given an abundance of moisture with liberal feeding, they grow with great rapidity and soon become with only a nominal amount of care plants of splendid effect and beauty. Bear in mind that they are gross feeders. They require a rich soil, and if the soil is at all poor, a liberal mulch of well-rotted manure, with cow manure as a preference, is needed. The manure may be dug into the soil or used as a mulch. With careful attention to these simple details, an abundance of very fine blooms and splendid foliage will be the result.

Verbenas

There are but few plants more desirable for bedding purposes than Verbenas. They produce a bright and lasting mass of color through the major portion of the year. You will find the named varieties to be noted below exceedingly choice. They are all of the mammoth flowered class with individual blossoms and trusses of enormous size.

We would particularly call your attention to the new variety, "Crimson King." This offers a distinct advance over any other Verbena. It is the result of a series of crosses made at our Montebello trial grounds. There is nothing in existence to equal it for size, beauty of color or free blooming qualities. Superb for bedding purposes and blossoms right through the season.



Verbena Crimson King

Crimson King (Howard & Smith). The largest flowered verbenas in existence. The individual flowers in the truss will cover half a dollar. It has a color unequalled by any other verbenas we have ever seen, being one of those deep, glorious crimsons that catches the eye at once. It is a gem for bedding or parking purposes, producing a constant sheet of bloom from Spring until late Autumn. It is a tremendous grower with deep green foliage. It is something of superlative quality—something which will please. Each 15c; per doz. \$1.50.

Ellen Wilmott. Unquestionably the best of all deep rose colored verbenas. Flowers and trusses of splendid size, with a color tone of charming effect. Each 10c; per dozen \$1.00.

Purple King. A vivid bluish purple and unquestionably the best of its color. Each 15c; per dozen \$1.50.

Lavender Queen. This variety is also the result of our crosses. The color is a beautiful shade of pure lavender. Trusses extra large. One of the best lavender colored Verbenas. Each 15c; per dozen \$1.50.

Howard & Smith Mammoth Mixed Verbenas. Aside from the separate varieties which we offer above and which must be propagated by cuttings, as they do not seed, we would call your attention to this strain, which are free seeders, very large flowered and excellent for mixed bedding purposes. Where no definite color effect is required these Verbenas will be found particularly useful. The plants bloom within a short time after being planted out and continue from early Spring until late Autumn, producing an unbroken carpet of rich and varied colors. Strong plants from 2-inch pots ready March 1st. Each 10c; per dozen \$1.00.

Geraniums

The zonal Pelargoniums, more commonly called Geraniums, are of so much value as flowering decorative plants almost through the entire year that they commend themselves to all who possess a garden and who enjoy the superb stretches of color obtainable with them. There are few plants grown which offer such an uninterrupted display of bloom over an extended period. The newer and improved types are exceedingly fine and where given the most ordinary attention may be depended upon to produce unbroken sheets of color from early Spring to late Autumn.

A Choice Selection of the Best Single Types

Alice of Vincennes. A splendid variety. Pure white, merging through carmine rose to intense scarlet at the outer edges of the petals. Each 15c; per doz. \$1.50.

Crabbe. A mammoth flowered variety. In color a beautiful shade of salmon pink. Remarkable for its gigantic trusses. Each 15c; per doz. \$1.50.

Cerise. A superb rose color with suffusion of orange. An ideal bedding variety. Each 15c; per doz. \$1.50.

Countess of Jersey. A lovely new single Geranium of beautiful salmon pink tone with distinct white eye. Each 20c; per doz. \$2.00.

Dr. Condamy. Brilliant scarlet shading to violet, center of pure white. Each 15c; per doz. \$1.50.

Fred Bean. Bright salmon pink. Remarkable for its immense blooms and splendid free blooming qualities. Each 15c; per doz. \$1.50.

Herrick. A dwarf growing, compact habit variety. Flowers intense scarlet. A splendid bedder. Each 15c; per doz. \$1.50.

Jacquerie. Probably the finest dark crimson single Geranium in existence. The mammoth flowers are ideal in form and have that rich, velvety crimson scarlet color that is admired by everyone. For bedding it is unsurpassed. Each 15c; per doz. \$1.50.

John Forbes. Bright orange scarlet with immense circular flowers and gigantic trusses. Growth is dwarf and bushy. Each 15c; per doz. \$1.50.

L'Aube. Unquestionably one of the finest of all single white geraniums. Immense trusses of bloom. Color, pure snowy white. Each 15c; per doz. \$1.50.

Mary Seaton. Large flowered scarlet with distinct white eye. Each 15c; per doz. \$1.50.

Mary Stewart. Bright crimson with scarlet shading. Each 15c; per doz. \$1.50.

President McKinley. Purplish crimson. Flowers exceedingly large. Each 15c; per doz. \$1.50.

Gertrude Pearson. Unquestionably one of the finest of all pink geraniums for bedding purposes. In color, pure rose pink with large white eye. Each 15c; per doz. \$1.50.

General Leonard Wood. Center of flower white, edges broadly banded with rosy carmine. A splendid variety. Each 15c; per doz. \$1.50.

Pierre Veber. Center of the flower white, gradually merging into violet purple. Each 15c; per doz. \$1.50.

Paul Crampbel. Generally recognized as one of the best of the best of all bright scarlet varieties. A splendid bedder, with enormous trusses of flowers freely produced on dwarf compact plants. Each 15c; per doz. \$1.50.

Rene Boyslevre. White at the center, shading to scarlet and violet at the edges of the petals. Each 15c; per doz. \$1.50.

Renomme Lyonnaise. A splendid fancy geranium, white with suffusion of rose. Each 15c; per doz. \$1.50.

Salmon Paul Crampbel. A salmon pink sport from the well-known scarlet variety. Produces large flowers and gigantic trusses. A splendid addition to the list of select bedding varieties. Each 20c; per doz. \$2.00.

Snowdrop. A splendid bedding variety. Pure white. Very large trusses. A constant and abundant bloomer. Each 15c; per doz. \$1.50.



Paul Crampbel



Hall Caine

Double Geraniums

Beaute Poitevine. A beautiful type of semi-double geraniums. Exquisite salmon pink flowers. Very large. Each 15c; per doz. \$1.50.

De Quirelle. Violet purple slightly marked white. Each 15c; per doz. \$1.50.

Jean Viaud. Rosy pink with white center. Each 15c; per doz. \$1.50.

La Pilot. An old variety, but probably one of the most intense scarlet geraniums ever produced. Blossoms of medium size, borne in immense trusses. Highly recommended. Each 15c; per doz. \$1.50.

Mad. Landry. Clear salmon, center shading to copper, with white eye. Each 15c; per doz. \$1.50.

M. Conovas. A superb dark crimson scarlet. Each 15c; per doz. \$1.50.

Thos. Meehan. Bright pink, upper petals stained orange. Each 15c; per doz. \$1.50.

Triomphe de Nancy. Carmine red with white center. Each 15c; per doz. \$1.50.

NOTE

Owing to the fact that the petals of the double flowering types of Geranium fail to clear or drop to the ground, but dry up in the trusses and thereby giving the plant an exceedingly unsightly appearance, we have, with the exception of a few varieties, discontinued the growing of this section of Zonal Geraniums. Singles are far better for bedding, are more floriferous and the trusses clean nicely. Ivy Geraniums, although mostly double, have not the faulty habit noted in the double type and consequently are equally as good for bedding as the single varieties.

Ivy Leaved Geraniums

A collection of the finest varieties in cultivation, including many of the newer kinds as well as the better standard sorts. Ivy Leaved Geraniums are particularly adaptable for window boxes on account of their trailing habit or they may be used in any position where a trailing flowering plant is desired. They are of excellent value for bedding purposes, particularly on banks, terraces, etc.

Carlos Uhden. A magnificent variety, quite double and a superb shade of bright rosy scarlet. Each 15c; per doz. \$1.50.

Col. Baden-Powell. Pearly white with blush tints. A remarkable break in this class of geraniums. Flowers of immense size. Each 15c; per doz. \$1.50.

Gringoire. A flower of superb size and splendid trusses. Color, bright rosy carmine. Each 15c; per doz. \$1.50.

Charles Monselet. Deep rosy red, upper petals nicely marked. Fine, large trusses on long, stiff stems. Free grower and very abundant bloomer. Each 15c; per doz. \$1.50.

Charles Turner. The best-known of all Ivy Geraniums, and for all-around purposes one of the most useful. Deep, bright rosy pink in color, with very large flowers. When used as a bedder it produces a sheet of color. Each 15c; per doz. \$1.50.

Etincelant. One of the finest bright colored Ivy Geraniums ever raised. Color, intense orange scarlet. Flowers extra large. Each 15c; per doz. \$1.50.

Incomparable. A splendid shade of rosy carmine. Free blooming. Each 15c; per doz. \$1.50.

His Majesty, the King. Soft rosy scarlet. Very double and of splendid form. Each 15c; per doz. \$1.50.

Leopard. A unique variety. Color, lavender pink, blotched crimson on the upper petals. Each 15c; per doz. \$1.50.

La Foudre. Brilliant orange scarlet. Extra large double blooms. Each 15c; per doz. \$1.50.

Mrs. H. J. Jones. Carmine, rose feathered maroon on the upper petals. Each 15c; per doz. \$1.50.

Peladan. Bright salmon pink, penciled maroon. Each 15c; per doz. \$1.50.

Ryecroft Surprise. A splendid variety for hanging baskets. Color, soft peach pink. Each 15c; per doz. \$1.50.

Sabrina. Light scarlet, semi-double and a very free bloomer. Each 15c; per doz. \$1.50.

The Blush. Pure white, faintly tinted rose at the center. Each 15c; per doz. \$1.50.

Willy. An extra good bright scarlet. Each 15c; per doz. \$1.50.

GERANIUMS AND PELARGONIUMS

CULTURAL NOTE

The Geranium and the Pelargonium require much the same treatment. They thrive best in a very sunny position and a perfectly drained soil, which is not too rich. They are perfectly at home against a south wall where the refracted rays of a summer sun would destroy the bloom on most any other plant. To keep them in shape they should be pinched back from time to time previous to the commencement of their blooming season. By stopping the growth in this manner many lateral growths are consequent. These should be pinched in turn if they become too long. The result will be a nice bushy specimen of rounded shape, thickly covered with fine trusses of bloom. The blooming season usually opens in April. About March 1st a liberal dressing of well-rotted manure greatly improves the size and quality of flower. If given at any other period it induces too rank a growth of foliage and stem. The time for pinching out the shoots is during the late Summer and Fall months and should be discontinued after that. They are one of the most useful of plants for seashore gardens. They thrive and bloom abundantly in almost pure sand.

Pelargoniums

Pelargoniums, or "Lady Washington Geraniums," as they are commonly called, are among the most beautiful of our Summer and Fall flowering plants. They offer a rich and varied assortment of colors or combination of colors, and the ease with which they may be grown should recommend them to everyone. There is a constantly growing demand for good Pelargoniums, and the collection we offer includes some of the finest varieties now in commerce. They are free blooming and large flowered. They make elegant specimens when well grown in pots, and if carefully pinched out, so as to make spherical plants, they rival Azaleas in beauty.

Extra Choice Varieties

Anna Rudolph. Dark red with immense black blotches. A superb variety.

Andenken an London. Reddish scarlet, center white, upper petals blotched black.

Andenken an Moscow. Deep, rich purple, each of the petals marked with black blotches. A remarkable variety.

Balkonigen. An immense flowered light rose colored variety. Extra fine.

Cornelie. Soft rose, white at center, with distinct maroon blotches.

Carl Holzman. Deep scarlet; upper petals handsomely blotched with black.

J. Topfer. Compact growing variety. Flowers red with outer edges of petals white.

Illa. Salmon rose, handsomely blotched upper petals.

Kate Bornemann. White, daintily overlaid salmon pink; blotched rich crimson. A superb sort.

Mrs. Krumb. Pale, soft rose, upper petals blotched deep purplish red.

Miss Saunders. Snowy white with two upper petals blotched rich purplish crimson. A striking sort.

Martha Burger. Bright salmon rose. Compact growing and remarkably free blooming.

Montebello. Delicate pink blotched with white.

Olympe. A remarkably free blooming giant white sort.

Professor Correns. Without doubt one of the largest flowered Pelargoniums grown. Blossoms of immense size, deep rose color, all of the upper petals being blotched black.

Peter Hoser. Firey brick red with black blotches.

Pauline Schroeter. Deep rosy carmine with dark blotches.

Ysenberg. Light red with white center, petals edged with white, dotted white over the entire surface of the flowers. A remarkable variety.

Price of any of the above superb sorts, 25c each; \$2.50 dozen.



Pelargonium Olympe

Older Standard Varieties

Anita. Center of flower white, margined bright rose. Upper petals feathered dark crimson. A gem.

Bertha Wagner. Deep carmine rose. Edges of the petals white.

Blue Mabel. Dark carmine, with velvety black blotches.

Duchess of Cornwall. Large flowered deep purple blossoms.

Duchess of Westminster. Pink and white with crimson blotches.

John Martin. A free blooming variety, light purplish maroon in color.

Lord Clyde. White veined and flushed light purple.

Mrs. E. H. Childs. A splendid variety with deep rosy pink flowers, the color being uniform throughout.

Mad. Thibaut. Pink with white shadings. Extra large.

Mabel. Upper petals maroon, lower ones bright rose.

Price of any of the foregoing older sorts, each 20c; per dozen \$2.00.

Bulbous and Tuberos Rooted Plants

Amaryllis

Our magnificent strain of Amaryllis is second to none in this country. Any attempt to describe them, even with the most glowing adjectives, would fail to convey an adequate idea of their surpassing beauty. They range in color from the pure white ground color with its markings of rose, red, etc., to rich orange, scarlet, cherry, bright red, crimson, maroon, mottled, striped, etc. The flowers are flat and spreading with full rounded and overlapping petals. The entire strain bears flowers of enormous size, the blooms averaging from nine to ten inches in diameter with five and six to the single stem. The stems attain a height of three feet, displaying the blooms to great advantage.

These Amaryllis are of easy culture and may be planted in the open border in warm sections of the country. In cold sections grow them in pots. Amaryllis are exceedingly easy to force and bloom within a few weeks after being potted up. These Amaryllis are the result of hybridization between the finest types, extending over a period of several years. You cannot purchase better.

Class A. First size, selected flowering bulbs which will bloom this Spring. Perfect in color, form, size and substance. Every one a gem. Each 75c; per dozen \$7.50.

Amaryllis Belladonna. Lovely rose pink with lighter colored throat. As this variety loses its foliage before the flower spikes issue forth, care must be taken not to disturb the bulbs at this period. August is the time of flowers. Mammoth bulbs. Each 35c; per doz. \$3.50.

Amaryllis Formosissima. An original species, native of Mexico, with narrow reflexing and spreading petals. The color is an intensely rich deep crimson. Each 35c; per doz. \$3.50.

Amaryllis Belladonna Minor. A dainty small flowered type of Amaryllis, about one-half the height of the ordinary major form. Blossoms delicate rose pink, merging to white in the throat. Price each 25c; per doz. \$2.50.

CULTURAL NOTE

Plant the bulbs in any good garden soil which has had plenty of rotted manure added and thoroughly mixed together. Select the bed in any fully exposed sunny position. Plant them so that the top is even with the surface of the soil. When growth begins give water in sufficient quantities to keep the bed moist at all times. Irrigate—don't sprinkle. When the buds appear a shading of cheese cloth will give highly perfected colors. In California and other sections of similar climate the bulbs may remain in the same position for three years, after which they may be taken up, divided and reset. In climates where the ground freezes, take up every Autumn and grow as pot plants or hold dormant until Spring and plant out for later flowering.



Field view of our Giant Flowered Amaryllis.

Begonias

Our collection of these lovely Summer flowering bulbous plants is very fine indeed. The strain we offer is of the erect flowering class, flowers being borne quite upright on strong sturdy stems. The varieties offered are distinct and beautiful and those who try our strains will be well pleased with their magnificent size, perfect form, exquisite finish and colorings. Our culture of these plants during the past season occupied a lath area of some 2½ acres and included thousands upon thousands of plants in the various classes and strains. We had them in the double types, fully 6 inches in diameter, bearing a nearer resemblance to immense roses or double hollyhocks, than Begonias. These and the handsomely frilled types or plain edged singles were subject to unqualified admiration from the numerous visitors who saw them at the height of their glory. A general impression prevails in this section that Tuberous Begonias are more or less delicate in their nature, consequently hard to handle or grow. As a matter of fact where proper conditions are accorded them, they may be grown with almost the same ease as a geranium and will give wonderful masses of color of a prolonged season. Attention to the cultural notes below will insure success.



A Camellia flowered type of our Tuberous Begonia

H & S Prize Single Tuberous Begonias

A very high-class strain with flowers of massive size, perfectly round in contour. Blossoms held quite erect on strong, stiff stems. They are wonderfully free flowering and contain a wide and diversified range of colors. Highly recommended for bedding purposes. Price each 25c; per doz. \$2.50.

H & S Prize Double Tuberous Begonias

The bulbs we offer you are from a superb collection containing all colors of pure white through the soft colors of pink, rose, salmon, fiery scarlet crimson, orange and other intermediate shades. Blossoms of magnificent size and form. They vary in shape, some resembling a large full blown rose; others a Camellia, all beautiful to a degree. Double Tuberous Begonias make excellent subjects for pot work, and when so treated are of great value for home or conservatory decoration. They may be grown in open beds, in lath houses or in shady north borders, where they produce elegant blooming effects over a long period. Price each 35c; per doz. \$3.50.

H & S Prize Mixed Single Frilled Tuberous Begonias

Among all the various strains to be noted in this elegant flowering tuberous plant, this class, to our mind, is one of the most beautiful of all. The edges are beautifully frilled serrated and crested. The flowers have a lovely fringed appear-

ance, graceful in the extreme. There is a daintiness about this class which will appeal to everyone. They form exquisite subjects when used as cut flowers in low table decorations. Try a few flowers of this class with an addition of some of their own foliage as a centerpiece for your dining table and note the effect.

IMPORTANT NOTICE

Each season we grow a very large number of tuberous Begonias in 3-inch pots, which are ready for delivery from May 1st on. We make no advance charge for these plants. They are the same price as dry tubers. Customers within local shipping distance will find it to their advantage to purchase these Begonias from pots as it will save them the trouble of having to start them and insure an even growth in beds when they are planted out. These pot plants, however, are of no value to those who live at great distances and the only way they can receive the bulbs would be in dormant condition. We can supply these latter up to May 1st.

CULTURAL NOTE

If there is any plant grown which is of easy culture it is certainly the Tuberous Begonia, and yet there are few others in which as many failures occur as in the growing of these beautiful subjects.

To begin with, the same conditions accorded ferns suits them admirably. They require a very rich soil with plenty of



One of the ruffled edged Tuberous Begonias

moisture, but, above all, a well-spaded position where the bed has been raised to insured drainage.

As soon as tubers are received in the Spring, plant them in shallow boxes or flats, using a rather light mixture of sand, leaf mould or peat, mellow loam and well-rotted cow manure, in the proportion of one-quarter sand, one quarter peat, one-quarter cow manure and one-quarter loam. Mix well and place in the boxes to a depth of 4 inches; level off and firm well. With this complete, insert the tubers about 4 inches apart each way, covering the crown with one-half an inch of the same mixture.

Place the boxes in a warm, shady greenhouse or lathhouse, keeping the boxes moderately moist at all times. They soon start to grow, and when they attain a height of 3 to 4 inches they may be cut out in squares with a sharp knife and transplanted to a shady bed on the north side of a building, a north wall, or under a well-vined pergola; planting a distance of 15 inches apart each way.

Begonias do well in pots in this climate. Care must be used, however, to see that the soil does not become dry at any time. Give them half shady position and light, porous potting mixture with well crocked pots. During their growing period liquid manure will add much to their vigor and ultimate size of bloom.



Giant White Cyclamen

Agapanthus

Umbellatus. Among the various Summer flowering bulbs there are but few which grow as easily or are more effective in the garden insofar as their bloom is concerned, than well grown clumps of Agapanthus. The variety in question produces a continual succession of strong flower stems, each crowned with large umbels of deep blue flowers. Fine, strong clumps. Each 50c per doz. \$5.00. Medium size plants. Each 35c; per doz. \$3.50.

White. A splendid pure white form of the ordinary umbellatus and equally valuable as a decorative bulbous plant in the garden. Price each 35c; per doz. \$3.50.

Calla Lily

Richardia Aethiopica. The well-known Lily of the Nile. Strong, fine roots. Each 20c; per doz. \$2.00.

Richardia Elliottiana. The Golden Calla. Flowers deep golden yellow. Foliage beautifully maculated with white on a green ground. Splendid for Summer blooming. Each 35c; per doz. \$3.50.

Cyclamen

We grow a large stock in a very choice strain of these well-known Winter flowering plants and can supply them in all colors from pure white to crimson, including shades of salmon, pink, etc. Aside from the value of Cyclamen as a pot grown decorative plant, they are of great value when treated as bedding plants in rockeries, ferneries or planted in masses under the shade of trees. This use, however, is confined only to sections where heavy freezing conditions do not prevail. In Southern California they do splendidly in the open ground and bear great masses of blossom season after season.

The corms should be planted so that the crown is even with the surface of the ground; deep planting induces damping off. Extra fine plants from 3-inch pots, each 35c; per dozen \$3.50. 5-inch pots, each 75c; per dozen \$7.50.

Gloxinias

Our cultures of this regal bulbous plant are very extensive. Our strains comprise not only the netted and spotted types, but the pure selfs in all colors from pure white to darkest crimson, rich purple, mauve, pink, rose and others. All of the true crassifolia type, a class with broad reflexed foliage and a dwarf habit. The blossoms are held perfectly erect. They make superb subjects for interior decoration or greenhouse culture. Gloxinias may be had in flower almost any time of the year, depending upon the period when the bulbs are potted up. From plantings made in August a grand display of bloom may be had at Christmas. Winter planted bulbs will flower in the Spring and those planted in the Spring during the following Summer. They do best with a temperature of about 60 to 70 degrees. Strong bulbs, all colors mixed in a strain of superlative quality, each 25c; per doz. \$2.50.

Ismene

Calathina grandiflora. A beautiful free blooming bulbous plant from Brazil and one which is especially adaptable to culture in warm Southern climates. The large blooms are intensely fragrant, pure white in color, with greenish bands in the base of the throat. The edges of the petals have a fringed outline, which greatly enhances the beauty of the blooms. Very unique and highly desirable for the conservatory or house plant; does well in protected spots in the open ground. Strong bulbs. Each 35c; per doz. \$3.50.

Montebretias

A particularly useful and beautiful class of Summer flowering bulbous plants. Erect starry-like flowers are produced on long wiry stems. They are exquisite subjects for use as cut flowers or for the color effects which the clumps in bloom produce as a matter of garden ornamentation. The spikes of bloom last well in the cut state and are of light airy effect when placed in vases or when used in conjunction with other flowers. We offer you four of the best—

Hereward. Blossoms a wonderful shade of deep orange, zoned and stained with crimson at the base of the petals.

Fire King. Rich glowing vermilion scarlet—a lovely shade.

Golden West. A clear, bright golden yellow.

Lady Hamilton. Extra large flowers. Yellow shading to deep apricot.

Price of any any of the above varieties, strong, dormant bulbs, 15c each; \$1.50 per doz. \$10.00 per 100.

Lycoris Squamigera

A little known bulbous plant, similar in form and color to the *Amaryllis Belladonna*, but differing from it in its time of bloom. It sends forth in August strong spikes of bloom of a beautiful pink shade. Strong bulbs. Each 35c; per doz. \$3.50.

Sternbergia Lutea

A lovely bulbous plant bearing erect crocus-like golden yellow flowers during the months of August and September. Blossoms are produced on long, slender stems in great profusion. A bed in bloom presents a veritable carpet of bright golden yellow. In character of growth, size of bloom and other matters pertaining, it closely resembles the *Crocus* of our Spring gardens, but, in our opinion, is more beautiful than any of the latter family. Excellent for edges or for planting in solid masses. A bulbous plant of truly exquisite beauty. Price each 20c; per doz. \$2.00.



Amarcrinum Howardii

Among the various novelties resulting from our work in the cross breeding of plants, we consider this as being easily the most remarkable of our productions. It is a true bi-generic hybrid, of which there are but comparatively few in existence. It is a true cross of *Crinum-Moorei* on *Amaryllis Belladonna*, the latter being the seed bearing parent. The value of this new plant lies in its usefulness as a bulbous plant for growing in pots or for planting in the open garden. Its beautiful soft pink color, the immense trusses of bloom which it bears, combined with the lasting character of its flowers, place it in a class by itself. Stems four feet long with immense heads of bloom, suitable for vases, etc., are freely produced throughout the Summer and Autumn months. The tone of soft pink to be noted in its flowers is one that is rarely seen and will appeal to everyone. We have a limited stock to offer this season. Price each \$5.00.

Gladiolus

Remarkable improvements in Gladiolus have been made in recent years and numerous fine strains or varieties are now obtainable. They are today one of the most popular of all our Summer and Autumn blooming bulbous plants. You will find the named varieties which we offer you below of sterling worth and our special mixture as good as can be procured. Gladiolus are of the simplest culture possible. They delight in a light rich soil. The bulbs should be planted some three inches below the surface and a space allowed between them of some 6 to 8 inches. They require copious supplies of water during their growing period. By planting them at different times, a constant succession of handsome spikes may be had over a long period. Their adaptability as a cut flower and the glorious range of colors and combination of colors which they present has given them widespread popularity.

America. Color, an exquisite shade of lavender pink. Blossoms very large, carrying 8 to 10 well-expanded flowers on a spike at one time. Each 10c; per doz. 75c.

Gretchen Zang. We feel sure that those who are not already familiar with this new variety will be delighted with it. The color is a pleasing shade of silvery rose with pencilings of rich scarlet, merging to crimson at the base of the throat. This delightful color combination makes this variety distinct from all others. Price each 15c; \$1.50 per doz.

Halley. Beautiful salmon pink. Individual flowers very large and well formed. The plant is a sturdy grower, a very popular market variety. Price each 10c; per doz. \$1.00; \$7.00 per 100.

Lena Gratz. A splendid new Gladiolus, almost pure white in color. Flowers beautifully disposed on the spike. A grand cut flower variety. Price each 15c; per doz. \$1.50.

Mrs. Frank Pendleton. One of the most recent introductions in Gladiolus. Blossoms of enormous size. The ground color is rosy pink, shading lighter at the edges. Throat beautifully blotched with deep crimson and maroon, with pencilings of scarlet reaching towards the edges of the petals. Plants vigorous; stems strong and wiry. A very fine cut flower variety. Price each 15c per doz. \$1.50; \$7.50 per 100.

Mrs. Dr. Norton. A lovely combination of pink and cream; one of the most sensational varieties of recent introduction. A variety in a class by itself and should be largely grown. Price each 15c; per doz. \$1.50.

Myrtle. A recent introduction in gladiolus and, according to our estimation, one of the finest. The flowers are a light salmon in color and are well placed in the stalk. This variety is particularly notable for the lasting quality of its flowers, as many as 7 or 8 blossoms being open on a stalk at one time. Price each 15c; \$1.50 per doz.

Mrs. Francis King. A fine, light scarlet gladiolus of immense size and substance. The blooms open out flat with a large number open on the spike at the same time. As fine a thing in scarlet as America is in pink. Fine bulbs. Each 15c; per doz. \$1.50.

Prince of Wales. A very early flowering Gladiolus with flowers of superb size, flowers well placed on the stems. Color is a delicate shade of apricot pink, overlaid with salmon. A grand variety for cutting purposes. Price 15c; per doz. \$1.50.

Primulinus Hybrid Gladiolus. A comparatively new class of Gladiolus obtained by crossing the original African species primulinus with those of the older varieties. These Gladiolus are usually of smaller size than those of the Gandevensis or Lemoinei types. The flowers are orchid-like in nature and are beautifully placed on strong wiry stems. The range of colors is quite distinct from those in the larger flowered types, rich in shades of golden bronze, apricot shell pink, brilliant orange, etc. Price, strong flowering bulbs, each 10c; per dozen \$1.00; per 100 \$8.00.

Schwaben. Color, pale lemon yellow with a dash of red at the base of the throat. An excellent variety for cutting. Large, full flowers, closely set on spike. The best light yellow. Price each 15c; \$1.50 per doz.; \$7.50 per 100.

Sunrise. A very richly-colored flower with large, full, well-open blooms. Bright red in color, daintily blotched in the throat. A variety of truly regal beauty. Each 15c; per doze. \$1.50.

Virginia. A splendid, new variety, in color a rich glowing crimson scarlet. A magnificent variety in every sense of the word. Large, full open flowers, intensely brilliant. A grand variety either for garden decoration or for cutting purposes. Price each 15c; per doz. \$1.50.

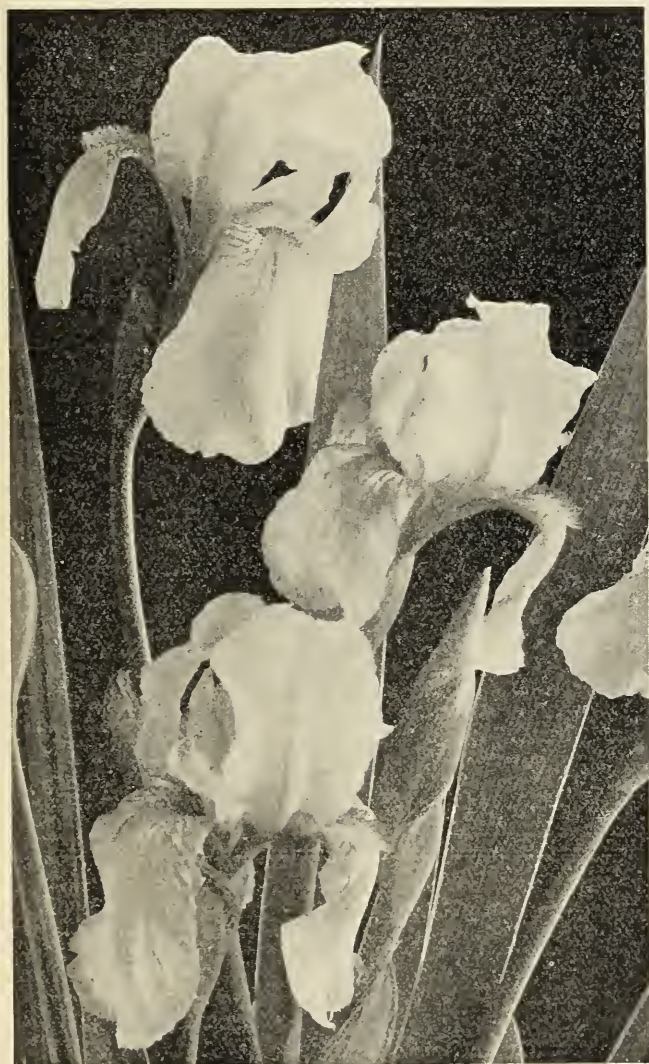
Howard & Smith Mixed Hybrids. Under this head we offer you a strain of mixed hybrids of superior quality. Contained in the mixture this season are many new colors with flowers of mammoth size. They comprise not only the best named varieties, but a number of seedlings of our own production, which are exceptionally fine. We doubt if a better mixture can be procured anywhere. Extra selected bulbs in a superb mixture of colors. Each 15c; per doz. \$1.50.



Gladiolus H. & S. Hybrids

Iris

Under this heading we offer you a choice collection of more or less recent introduction in this lovely class of plants. They are mostly of French origin and mark one of the greatest advances ever made in the improvement of this favorite plant. The varieties included in this collection are of the same race of hybrids as those to be noted under our novelty list in the fore-part of this bulletin. They have the same sturdy growth, the immense size blossoms with a range of colors which is at once striking and beautiful. The varieties offered have been carefully selected from a large number now under trial and we feel quite certain they will be a source of delight and pleasure to those who plant them. The colors and combination of colors to be noted in some of these hybrids simply beggar description. They are beautiful to a degree, useful not only for the masses of flowers which they produce in the garden, but equally as valuable for cut flowers. Where it is desired to use them as a cut flower subject, the stems should be cut while the flowers are still in the sheath or bud. A few hours after being cut, they open out perfectly in water and last for several days as successive buds open and develop. We know of nothing in the hardy plant line of greater beauty than a vase of these Irises. They are among the easiest of all hardy plants to grow and there is a never failing supply of elegant flowers in each succeeding Spring.



Iris Isolene

Giant Flowered Varieties

Amas. Immense globular flowers. Standards a lovely shade of lavender blue. Falls deep violet blue. Height, 3 feet. Price 35c each.

Archeveque. Standards a rich shade of reddish purple. Falls dark velvety purple. This variety might well be regarded as an ever blooming variety. It bears quantities of flowers not only during the Spring, but during Fall until Winter. Height, 2 feet. Price 35c each.

Alcazar. Blossoms of enormous size. Easily one of the handsomest bearded Iris in cultivation. A strong, vigorous grower with much branched stems. It bears flowers of gigantic size, displaying to great advantage a wonderful combination of colors. Standards are a bright deep blue. Falls violet purple with a prominent yellow beard. Height, 3 feet. Price 35c each.

Cherubin. An exquisitely colored variety. The standards a distinct shade of pale lilac. Falls lavender veined with white. Height, 2½ feet. Price 50c each.

Caprice. Enormous flowers in a lovely shade of pure violet blue. Very attractive as a cut flower, its size being remarkable for its class. Height 2½ feet. Price 35c each.

Candelabre. A distinct shade of pale blue veined and marked with purple. Stems very much branched, bearing large numbers of handsome flowers. Height, 2½ feet. Price 35c each.

Caterina. A superb variety. Unquestionably one of the handsomest of all Iris. It is a giant not only in height, but also in the mammoth size of its blossoms. The stems are long and much branched, bearing flowers of a clean, even shade of lavender blue. An exquisite variety any way you take it. Height, 4 feet. Price 35c each.

Ed Michel. In our opinion one of the finest Iris introduced in modern times. The flowers are of immense size, beautifully poised on tall, vigorous growing stems. The standards are broad and frilled, of a distinct shade of reddish violet. The falls slightly deeper in color than the standards. Height, 3 feet. Price 50c.

Eldorado. Standards yellowish bronze, exquisitely shaded with heliotrope. Falls bronze overlaid with blue. Height, 3 feet. Price 35c each.

Fairy. One of the daintiest of all tall flowered Iris. Blossoms of moderate size. Standard and falls prettily suffused with lavender. Has a conspicuous orange beard. Height, 3 feet. Price 35c each.

Golden Fleece. A comparatively dwarf intermediate type of Iris, bearing handsome light yellow flowers equivalent in color both in standards and falls. A dainty variety when used in the foreground of taller growing sorts. Height, 1½ feet. Price 35c each.

Isolene. One of the progenitors of this giant race of hybrid Iris and still one of the best. The plants are of tall growth. The standards brownish lavender shot with bronze. Falls light purple overlaid with bronze, striped with golden brown at the base. Beard a distinct golden yellow. Height, 3 feet. Price 35c each.

Jeanne d'Arc. One of the daintiest Iris in existence. Ground color, pure white, both in standards and falls, with pencillings of light blue at the outer edges of the petals. This variety is a remarkably free bloomer and equal to the finest orchid in point of beauty. Height, 2½ feet. Price 35c each.

King of Iris. Massive, well-built flowers of splendid texture. Standards rich old gold. Falls broad, in color rich velvety maroon shot with old gold. A striking combination of colors. Height, 2 feet. Price 35c each.

Kharput. Standards deep purplish blue. Falls violet blue. Colors are intense in both standards and falls. A very choice variety, well worth consideration. Height 30 inches. Price 35c each.

Loute. Standards deep lavender shot with brown. Falls purplish wine color, striped with brown at the base of the petals. Beard orange yellow. Blossoms of enormous size. Height, 2 feet. Price 35c each.

La Nègè. A dainty pure white semi-tall variety. Very free in bloom, pure in tone. Very desirable. Height, 2 feet. Price 35c each.

Mrs. Reuthe. A very early flowering variety with moderate sized flowers. Standards and falls a delicate lavender blue. Although not large in size of bloom it is a variety of exquisite beauty. Height, 2 feet. Price 35c each.

Monsignor. Richly colored and remarkably free. Standards pale violet purple, falls overlaid and reticulated with deep purple. Flowers of immense size and splendid substance. Height, 30 inches. Price 35c each.

Neuce d'Orange. Standards a peculiar shade of grayish lavender. Falls light lavender overlaid with bronze. A variety of remarkable effect and as beautiful as it is remarkable. Height, 30 inches. Price 35c each.

Oriflamme. Flowers of gigantic size produced on stout branching stems. Standards a lovely shade of rich bright blue. Falls deep purple. A fine variety. Height, 2½ feet. Price 35c each.

Prosper Laugier. Standards bronze with a suffusion of heliotrope blue. Falls rich velvety maroon with brown pencilings at the base of the petals. Beard golden yellow. Very free; a veritable mass of color during the months of April and May. Height, 3 feet. Price 35c each.

Parisiana. Standards light lavender shot with white. Falls blotched with white reticulated at the edges of the petals with lavender. A handsome flower. Height, 30 inches. Price 35c each.

Princess Victoria Louise. Medium as to height, but very free in bloom and even as to growth. Standards pale sulphury yellow. Falls rich plum color, margined with cream at the edges. Height, 20 inches. Price 35c each.

Sherwin Wright. Bright golden yellow in both standards and falls. Dwarf as to height, attaining in its maximum growth 20 inches. Although only a flower of moderate size, we believe it to be the brightest golden yellow Iris in commerce today. Price 35c each.

Walhalla. Standards lavender, falls wine red. Flowers of medium size, very free; an exquisite sort for the low front border. Very attractive in massed effect. Height, 2 feet. Price 35c each.

Zephyr. One of the daintiest Iris in our entire collection. The flowers are of medium size only, but are exquisite in their color value, the latter being a lovely shade of clear lavender blue. The plants are literally covered with flowers during the months of March and April. Height, 3 feet. Price 35c each.

SPECIAL OFFER

One each of the above 27 superb varieties of Iris; a collection which spells the last word in quality or excellence for \$7.50. Any 12 of the above varieties for \$3.50.

Japanese Iris

The latest introduction from Japan in this magnificent class of Iris are marvels of beauty. The flowers often reach a diameter of 10 inches and the colors and combinations of delicate shades in both single and double forms simply baffle



Iris Jeanne d'Arc at our Rivera nurseries.

description. Although they are among the easiest of all Iris to bring to a state of perfection both as regards quality of bloom, height of growth, etc., we doubt if more failures occur in growing any plants than with these. This is simply due to lack of understanding regarding their requirements, and a careful reading of the cultural notes appended will be of service to our customers in securing the best results obtainable.

Our collection comprises over 50 of the very finest varieties in existence. The clumps which we offer are grown at our Rivera bulb field and are models of health and vigor. We offer you an unsurpassed collection of about 50 varieties, double and single blossoms, all colors mixed. Large clumps. Each 50c; per doz. \$5.00.

Second size clumps. Each 35c; per doz. \$3.50.

CULTURAL NOTE

Select a plot of ground of suitable size for the number of clumps to be planted, allowing a minimum distance between the clumps of eighteen inches. Spade this over thoroughly to a depth of 12 inches, breaking all lumps, removing all stones, etc. Cover this with 3 inches of rotted cow manure, spade in and respade several times to thoroughly incorporate the manure.

Section off into beds 4 feet wide and as long as required with a path between, say of 18 inches. Rake to a ridge 4 inches in height at the edges, so that the interior portion may be flooded with water; plant the clumps the distance above specified and cover the crown 3 inches deep. After planting flood with water. The beds, if made perfectly level, with good ridges at the edges, will hold water to a depth of 3 inches. After the first soaking give water in moderate amounts only until the growth begins. When the plants attain a height of 6 to 8 inches, they should be kept constantly wet. During the growing season give two or three mulchings of well-rotted manure. This, through the flooding method, provides them with the equivalent of liquid manure and tends to increase the height of the stems and beauty of the bloom. If the weather is hot a lath shading placed over the beds at a height of 7 feet (the lath nailed to strips three-quarters of an inch apart) tends to lengthen the blooming period and betters the quality of the flowers.

Tuberose

Single. An exquisite single form of tuberose with dainty star-shaped flowers, borne on long, sturdy spikes, white in color, intensely fragrant. A very attractive flower, worthy of a place in any garden. Exceedingly graceful as a cut bloom. Price each 15c; per doz. \$1.50; \$10.00 per 100.

Double, The Pearl. Very large flowers; a waxy white in color; intensely fragrant. Price each 15c; per doz. \$1.50; \$10.00 per 100.

Herbaceous and Perennial Flowering Plants

Herbaceous gardens as noted in the eastern part of this country and in the various parts of Europe, particularly in England, are one of the most attractive and appealing of all landscape effects. In California, during recent times, the trend of planting not only in large estates, but in smaller gardens as well, has been purely to shrubbery effects, with little or no color to relieve or brighten the landscape. Plantings have been so strongly followed along these lines that the general effect to be noted around many homes and public places is that of a planting which would be more appropriate for a cemetery than a home. Flowers serve to brighten shrub and tree effects in a garden. Without them a garden can hardly be regarded as a garden. There are but few plants more popular today than that section usually classed under this heading. The value of perennials, both hardy and tender, for planting in borders, beds, etc., is well recognized. Properly arranged herbaceous borders are a thing of beauty at practically all seasons of the year, and if the beds are well prepared each succeeding season shows an increased display of color. The perennial plants which we offer you here have been grown in the rich silty soil at our Rivera place.

Acanthus

Mollis. A handsome flowering plant for herbaceous borders, with large spikes of bright rose-colored flowers. Leaves broad, dark glossy green in color, handsomely notched on the edges. Height, 4 feet. Each 35c; per doz. \$3.50.

Ageratum

Princess Pauline. A particularly beautiful variety. Body of flower pure white, while numerous anthers are of delicate sky blue. Rarely exceeds 8 inches in height and is an excellent bedding or border plant. Strong plants from 2-inch pots. Each 10c; per doz. \$1.00.

Anemone Japonica

The Lovely Japanese Wind-Flowers are amongst the most beautiful of all our fall flowering plants; as cut flowers they last exceedingly well, and there are few plants more attractive or graceful in herbaceous borders. They bloom in wonderful profusion from August until late Fall, the plants attaining a height of four to five feet and being literally smothered with flowers. They require a partially shaded northern aspect for best results, with plenty of water and an occasional mulch of rotted manure.

Giant Blanche. A splendid pure white Anemone with semi-double flowers of very large size. The petals are of snowy whiteness. Unquestionably the finest of all the pure white hybrids in this lovely class of Fall flowering plants. Each 20c; per doz. \$2.00.

Hupensis. A miniature form of the ordinary Anemone Japonica. The plants attain a height of some 24 inches and produce in lavish profusion during the Fall months handsome mauve rose colored flowers. The blossoms are single and are disposed in handsome branching trusses. Each 20c; per doz. \$2.00.

Agatheia

Coelestis. Commonly known as the Blue Margeurite. A charming old-fashioned plant which blooms continuously throughout a long period. Dwarf in habit. A splendid border plant for large beds. Each 15c; per doz. \$1.50.

Anchusa

Italica (Dropmore Variety). A recent and noteworthy addition to the list of hardy plants. Does best in partial shade. Flower stems attain a height of 6 feet. The flowers are a superb shade of pale blue, not unlike a giant Forget-Me-Not. Extra fine stock. Each 35c; per doz. \$3.50.

Asters—Perennial

There is a large and growing demand for the various types of Perennial Asters. Their dainty starry flowers and the wonderful profusion with which they are produced makes them striking subjects for flower borders.

Abendrote. Lavender shading to carmine.

Beauty of Colwell. Dark blue semi-double.

Climax. Bright blue. One of the largest flowers.

Early Pink. Dainty, starry flowers, rose pink in color.

Feltham Blue. A pure, even shade of blue. Extra fine.

Finchley White. A splendid, pure white of moderate tall growth.

Lily Fardel. Carmine rose.

St. Erwin. Rosy lavender. Dwarf and compact. A fine variety for low borders.

White Climax. A pure white, extra large form of the variety Climax.

White Queen. Pure white. Strong, free grower.

Price of any of the foregoing, each 20c; per dozen \$2.00.



A Greenhouse View at Montebello

Begonias

Fibrous Rooted Varieties

A splendid selection of Begonias comprising many sorts that vary in character, both as regards height, type of bloom, etc. This class of Begonias is wonderfully effective when used in shady beds in conjunction with ferns and are equally adaptable for use in rock gardens. In general they are tender subjects and will not withstand much frost. They should be planted in a well-prepared soil and one which contains plenty of humus.

Ascotiensis. An elegant free flowering begonia of the Fuchsioides type which blossoms profusely throughout the entire year. Flowers a peculiar shade of Indian red in color. Very handsome and attractive, owing to the long period of bloom. Each 35c.

Argentea Guttata. A beautiful variety with all of the leaves dotted with silvery white spots on a purplish bronze ground, with underneath portion of the leaves a rich coppery red. Does particularly well in open beds in a shady position. Each 35c.

Fuchsioides. An elegant type with pendulous branches and deep rose pink flowers. Very suitable for extremely shaded locations. Each 35c.

Haageana. One of the most noteworthy varieties in our collection. Foliage large, silvery white on the upper surface, dark red underneath. Blossoms very large. Color, white, daintily stained with rosy pink. A very fine sort. Strong, 4-inch pot plants. Each 35c.

Lucerne. A very tall growing variety. Produces enormous canes which attain a height of 6 to 7 feet. Flowers are borne in immense panicles. The individual flowers are large and of a superb shade of deep rosy pink. Undoubtedly one of the best of all tree begonias. Strong plants in 4-inch pots. Each 50c.

President Carnot. This beautiful begonia is the parent of most of our best tree begonias. A very vigorous grower with handsome foliage and enormous panicles of deep rose-colored blossoms. A magnificent variety. Strong plants. Each 50c.

Rubra. A very rapid grower and when fully developed it is covered from top to bottom with medium size panicles of bright scarlet blooms. Foliage bright green in color and quite smooth. Makes a splendid specimen as a pot plant. Strong 4-inch pot plants. Each 35c.

Howard & Smith Mixed Hybrid Tree Begonias. A new race of begonias resulting from crosses between Begonia Rubra and Lucerne. The plants have the same tall character of growth as that noted in the variety Lucerne, but the panicles of bloom occur in a wide assortment of colors from almost pure white to deep rose, including apple blossom, pink, etc. This new class is of great value for cutting purposes. Each 25c.

Begonias—Semperflorens

The varieties of this type produce elegant effects planted on the margins of beds as a setting to taller plants and throughout the year are a veritable mass of color. For low bedding purposes they excel all other sorts. They attain a height of about ten inches.

THREE FINE VARIETIES

Gracilis Alba. Pure white with large waxy flowers. It combines dwarfness with an excellent compact habit. Each 15c; per doz. \$1.50.

Gracilis Luminosa. Bronze foliage with rich crimson colored flowers. A lovely variety. Each 15c; per doz. \$1.50.

Gracilis Rosea. Clear, waxy pink. A very fine companion to the above. Each 15c; per doz. \$1.50.



The above illustration conveys but an inadequate idea of over 200,000 Tuberous Begonias in full bloom at our Rivera Nurseries

Canterbury Bells

These charming old-fashioned plants are favorites with all and are among the most beautiful of our Spring flowers. They may be flowered in pots, and when so grown are extremely pretty, their large bell-shaped flowers showing to great advantage. We can supply these in a very high-class strain of the true cup and saucer type in all colors, including pure white, rose, blue, etc. Strong plants from 3-inch pots. Each 15c; per doz. \$1.50.

Chaenostoma

Hispida. A dainty dwarf border plant. Ideal for rockery work. Attains a height of 6 to 10 inches. Foliage small, plants covered with minute white flowers throughout the year. Each 15c; per doz. \$1.50.

Coreopsis

Grandiflora. A splendid plant for cut flower purposes, being covered for the greater portion of the year with endless quantities of golden blooms 2 or 3 inches across. Fine, strong plants. Each 15c; per doz. \$1.50.

Cuphea

Platycentra. A compact, bushy plant bearing quantities of small tubular flowers, the lower part of which are bright scarlet merging to maroon and white at the tips. A splendid bedding plant, as it blooms incessantly. Requires a warm, sunny position. Each 15c; per doz. \$1.50.

Hyssopifolia. A comparatively little known border plant, but one of great beauty and worth. It equals boxwood as an edging plant and has the additional advantage of being constantly in bloom. The flowers are minute in size and in color a distinct shade of violet blue. Strong, young plants from 2-inch pots. Each 15c; per doz. \$1.50; per 100, \$10.00.

Hookeriana. A superb Cuphea. One which is but little known. It produces dense panicles of flowers and attains a height of 2 to 3 feet. A novel and striking plant. Color, vermilion and orange. Extra strong stock. Each 35c; per doz. \$3.50.

Perennial Larkspur—Delphiniums

Our strain of Delphiniums contains a wide selection of all the best shades of blue, ranging from the palest sky blue to indigo, sapphire, dark blue and purple. For producing a fine mass of blue Delphiniums are unequaled, and the fact that with the return of each season there is an increased quantity of bloom and added wealth of color has made them popular in gardens everywhere.

The clumps which we offer you are fine two-year-old stock, which, if planted out early in the Spring, may be depended upon to give a wonderful show of color during the following Summer season.

Howard & Smith New Hybrids (Elatum Type). There are perhaps few subjects in the way of herbaceous plants more sought after or more greatly admired than Delphiniums and but few classes of plants in existence wherein so many shades of blue are manifested. The strain we offer is not only replete with a range of remarkably handsome shades, but has the additional quality of giving individual florets of immense size and handsomely formed spikes. The colors range from palest sky blue through such shades and colors as indigo, sapphire, dark blue, purple, turquoise, mauve, amethyst, violet, cornflower blue, etc. The handsome flowers are well placed on the spikes and the spikes on well-grown plants attain a height of six feet and over. Our selection will be found particularly free from dark, objectionable smoky purples, etc., so common in many ordinary strains. They include also the single semi-double and quite double forms. A strain of unquestioned worth, the result of many years of careful selection and careful hybridizing. Price, fine strong one-year clumps, including all colors mixed, each 35c; per dozen \$3.50.

Gazania

Aurantiaca Yellow. Beautiful pale yellow flowers. Each 15c; per doz. \$1.25.

Aurantiaca Orange. Similar to the above, but bright orange colored flowers. Each 15c; per doz. \$1.25.

Gerbera—Transvaal Daisy

New French Hybrids. These handsome Gerberas are the result of crosses between the white South African variety and the well-known scarlet variety, Jamesonii. The strain contains all colors from purest white to deepest crimson, with intermediate shades of orange, yellow, pink, salmon, etc. Gerberas flower without intermission from early Spring to late Autumn. The flowers are borne on stiff, wiry stems. They are splendid for cutting purposes, retaining their beauty in a cut state for over a week. Extra fine clumps of blooming size. Each 35c; per doz. \$3.50.

Howard & Smith Giant Flowered Scarlet. A superb type of scarlet flowered Transvaal Daisy, bearing flowers of immense size. Intense glowing scarlet in color. It is easily one of the best types of this popular flower, the blossoms being freely produced from early Spring to late Fall. Plants grown in the colder section of the country should receive ample Winter protection. Either greenhouses or cold frames will answer. Many people are unsuccessful in growing Transvaal Daisies. Lack of success in their culture is generally due to the fact that the crowns are planted too deep in the soil. The crown of the plant should be just even with the surface. If the soil collects in the heart of the plant, damping off will surely follow. It is advisable to plant them on ridges which serve to obviate this difficulty. Strong pot-grown plants, 35c each; per doz. \$3.50.

Gypsophila

Paniculata. This handsome Gypsophila is the variety which is commonly used by florists for mixing with bouquets, etc. The plant attains a height of 2 to 3 feet, are much branched and covered in the Spring with innumerable minute pure white flowers. This variety is often referred to as Baby's Breath. Strong, one-year clumps. Each 20c; per doz. \$2.00.



H. & S. Hybrid Delphiniums



Gerbera—Transvaal Daisy
Greatly reduced.

Helianthus—Perennial Sunflower

We offer you three of the best perennial varieties. During their season the plants are a mass of golden yellow flowers. For color effects in the garden or for use as cut flowers these are extremely valuable. They delight in a good rich soil with plenty of water and full sun.

Augustifolia. A handsome perennial sunflower, bearing great masses of starry bright golden yellow flowers, like the variety *multiflorus maximus*. It is truly perennial in nature. In full growth they attain a height of some 6 feet. A plant with splendid value as a cut flower. Each 20c; per doz. \$2.00.

Maximus. Covered with innumerable golden yellow flowers. For a color effect in the garden this variety is unsurpassed. It blooms from June until September. Also splendid for cut flowers. Each 20c; per doz. \$2.00.

Meteor. Similar to the above in foliage and height, but different in the shape of the flowers, the guard petals being somewhat wider. Each 20c; per doz. \$2.00.

Miss Mellish. A lovely single variety with cactus-shaped blooms produced on stems 6 to 8 feet high. An excellent variety for cut flower purposes. Each 20c; per doz. \$2.00.

Helenium

The varieties offered below are of great value, not only as ornamental subjects in the garden, but when used for cut flower purposes. The blossoms are borne on immense trusses with stems 5 to 6 feet in height. They are exceedingly graceful when used in tall vases, either by themselves or in conjunction with other flowers. Price of any of the following, each 15c; per doz. \$1.50.

Riverton Beauty. Bright golden yellow. Petals of the blossoms beautifully crimped and serrated at the edges. A grand perennial.

Riverton Gem. Similar in all characteristics to the preceding variety. Blossoms distinct shade of bronzy red and gold.

Autumnale rubrum. A very desirable border plant, succeeding well in any soil in a sunny location. It has broad spreading heads of flowers and is exceedingly graceful. Of splendid value for cutting purposes. Blooms in August and September. Color, a bright terra-cotta red. Each 20c; per doz. \$2.00.

Hollyhocks

The varieties which we offer have been carefully selected from our own prize collection. The flowers are of immense size, perfectly double and well arranged on tall, handsome spikes. We can supply them in the following colors: Pure white, yellow, rose, shell pink, dark crimson and cherry red. The clumps which we offer this season are strong one-year stock, which if planted early in the Spring may be depended upon to produce a glorious display during the following Summer. Extra strong clumps. Each 35c; per doz. \$3.50.

Hemerocallis—Japanese Day Lily

For the margin of ponds or for planting in the open border these lovely Japanese plants are of especial value. They form dense tufts of long narrow foliage surmounted by large trumpet-shaped blooms. They are of perennial duration and require but little care beyond watering.

FIVE FINE VARIETIES

Aurantiaca. Enormous flowers, very sweetly scented. Color, bright golden yellow. Each 35c; per doz. \$3.50.

Aurantiaca Major. An improvement on *Aurantiaca*. The largest flowered variety in the family. Color, rich orange. Each 50c; per doz. \$5.00.

Florham. A pure light yellow variety with medium-size flowers. Blooms continuously from April to November. This variety is of especial value for herbaceous borders. Each 35c; per doz. \$3.50.

Sovereign. A medium shade of yellow. Blossoms of good size and freely produced. Each 35c; per doz. \$3.50.

Thunbergii. A late flowering sort. Blossoms are quite small, borne on slender stems. Color, a delicate shade of lemon yellow. Very sweetly scented. A veritable gem for rock work or for beds and borders. Each 35c; per doz. \$3.50.

Jacobinia

Coccinea. A pretty plant with dark green leaves, which attains a height of about 5 feet. It produces spikes of brilliant scarlet colored flowers, and is of splendid effect in herbaceous borders. Fine, strong pot plants. Each 50c; per doz. \$5.00.

Leonotus

Leonurus. An elegant half-hardy perennial, brilliant orange colored flowers. The plant is relatively referred to as "Lion's Tail." Extra strong plants from 3-inch pots. Each 35c. Strong, bushy stock. Each 50c.

Libonia

Floribunda. An exceedingly pretty dwarf evergreen plant, bearing numerous scarlet flowers, tubular in shape and produced in endless quantities throughout the year. Highly ornamental as a bedding plant aside from its value in the herbaceous border. Strong, young plants. Each 20c per doz. \$2.00.

Lopezia

One of the daintiest subjects for Winter flowering in the whole range of blooming plants. The flowers are quite small, but borne in such profusion as to completely cover the plants.

Albiflora. A pure white variety. Each 20c; per doz. \$2.00.

Rosea. A pure rose pink colored variety. Each 20c; per doz. \$2.00.

Marguerites

These well-known plants are favorites with all. They are of great value for border decoration, for planting along the margins of drives, etc. They bloom throughout the year in California and require but little care.

Mrs. Fred Sander. The finest of all double Marguerites. Produces large quantities of double, snowy white flowers. Strong plants. Each 25c; per doz. \$2.50.

Giant Yellow. A splendid, deep golden yellow Marguerite. Flowers single. Fine for cutting purposes. Each 20c; per doz. \$2.00.



Marguerite—Mrs. Fred Sander

Papaver

Orientalis. A grand strain of choice mixed hybrids of the giant Oriental Poppy. These poppies constitute one of the most magnificent of perennial plants. The flowers in some of the larger blooming types attain a diameter of 10 inches and over. The colors are intensely rich and vivid. If well cared for the flower stems attain a height of 3 to 4 feet. They require high culture. Strong one-year clumps. Each 35c; per doz. \$3.50.

Primula

Obconica (New Hybrids). A beautiful strain with colors ranging from pure white to lavender, rose purple, etc. Always in bloom and well adapted to shady beds, etc. Young plants, each 15c; per doz. \$1.50. Strong, each 20c; per doz. \$2.00.

Obconica Gigantea. An elegant novelty with flowers far larger than any of its type. These are disposed in trusses, carried well above the sturdy dark green foliage. The leaves are arranged in rosette form and offer a fine setting to the graceful heads of bloom. Price, each 15c; per doz. \$1.50.

Malacoides. A striking primrose introduced from China several years ago. The flowers are borne around the central stem in dense whorls with several whorls to each stem. This lovely primrose is of great value for shady rockery planting, ferneries, etc. It blooms without intermission throughout the year. Strong plants from 2-inch pots. Each 15c; per doz. \$1.50.

Veris. The true old-fashioned English Primrose, in a very fine large flowered strain, containing all colors from white to dark crimson. The yellow and variegated types in the series are specially rich in color. These make excellent border plants for shady beds. They last for several seasons with an added quality to the display each year. Hardy and easily grown. Price, each 15c; per doz. \$1.50.

Pyrethrum

Roseum. A splendid class of Winter blooming perennials, with large Marguerite-like flowers, produced on strong, wiry stems. Our strain includes all the colors from pure white to dark crimson, including rose, pink, etc. The foliage is fern-like and the plants are quite hardy. They bloom at a time when flowers are exceedingly scarce in the garden. Strong, young plants from pots in a strain of superb quality. Each 20c; per doz. \$2.00.

Rudbeckia

Golden Glow. A well-known hardy perennial plant, producing during the late Summer and Autumn months immense quantities of beautiful golden yellow Dahlia-like flowers. The plants attain a height of 6 to 7 feet. Splendid for cutting purposes. Strong divisions. Each 20c; per dozen \$2.00.

Rudbeckia nitida

Autumn Sun. A grand herbaceous perennial plant bearing masses of brilliant canary yellow, flowers single in form. A fine companion to the variety Golden Glow. The cut blossoms are of superb decorative effect. The plants make a splendid back row flower in a herbaceous border. They attain a height of some 5 feet and are a glorious mass of flowers in Summer. The plants are truly perennial in nature, the clumps once planted blossom season after season. Price 15c; per dozen \$1.50; \$10.00 per 100.

Purpurea. An elegant type of dwarf Rudbeckia bearing during mid-summer, quantities of single rosy carmine blossoms. The plants attain a height of some 4 feet. Useful for cutting purposes. Price each 15c; per dozen \$1.50.

Russelia

Lemoinei Multiflora. A lovely plant for baskets on account of its drooping habit. The small wiry stems are covered with small tubular coral red flowers. Extra strong plants in pots. Each 25c; per dozen \$2.50.

Petunias

We have devoted much work and careful attention to our strains of these beautiful subjects and from point of quality doubt if they can be excelled anywhere. They bloom without intermission during the greater part of the year and produce a very bright effect with a minimum amount of culture. When greenhouses are available, they make excellent pot plants for Winter blooming. The balcony class are splendid for porch boxes, the long pendant shoots being literally a mass of flower over a period of several months. Petunias delight in a rich loamy soil and require a fully exposed sunny situation. The plants will last two seasons, but as they become rather woody after a single season's growth, it is better to procure new plants each year.

Double Fringed Petunia

Driven Snow. A superb double pure white fringed flower. Blossoms of very large size, perfectly formed, produced in solid masses on dwarf compact plants. A splendid variety for bedding or pot work. This is a seedling of our own raising and we doubt if a better type can be found anywhere. Price 25c; per doz. \$2.50.

H & S Prize Double Mixed

A grand selection of double Petunias in mixed colors, including all shades from pure white to dark crimson, comprising such colors as pure white, pink, crimson and rose, rose-edged white, mauve, steel blue and others. These Petunias have been carefully selected from hundreds of seedlings and will be found to have not only flowers of immense size, but beautiful form. The larger portion of them are deeply fringed or lacinated. All plants offered have been grown from carefully selected cuttings and will give maximum results. Price on any of the above mixed double varieties, each 20c; per doz. \$2.00.

Single Fringed Petunias

A grand strain of medium-size, compact growing bedding Petunias. The flowers are deeply fringed and ruffled, and although they are not large as to size, are borne so freely that they completely cover the plants. For general bedding purposes where a mass of color is required, we strongly recommend this strain. Price each 10c; per doz. \$1.00. Ready April 15th.

Ruffled and Fringed Giants

These are the largest and most beautiful of all single Petunias. Blossoms attain a diameter of 5 inches and over and are of thick leathery texture with the edges beautifully ruffled and frilled. In some of the latter varieties the ruffles overlay, giving the flower the appearance of a double bloom. Those who want a strain with flowers of mammoth size, will find this selection everything to be desired. The colors range from almost pure white to darkest crimson, with intermediate shades of rose, lavender, copper, etc. Many of the blossoms are two-toned, the outer margins of the petals being prettily marbled and penciled. Ready for transplanting to your garden for a Summer show of flowers April 15th. Extra fine plants from 2½-inch pots, each 15c; per doz. \$1.50.

Giant Single Fringed

A lovely strain of large flowering compact growing bedding petunias. All colors are included, from lightest to darkest. Extra choice. Each 15c per doz. \$1.50.

New Balcony Petunias

A grand new strain of bedding petunias. For mass color effect in the garden they can scarcely be equalled. The plants bloom in prodigal profusion. The blossoms are of medium size; the colors are distinct and beautiful.

Balcony Rose. A superb petunia with bright rose-colored flowers. Exquisite color effects can be produced with this petunia. It is ideal for park ways or for window boxes. Each 15c; per doz. \$1.50.

Balcony Red. An elegant shade of carmine crimson. The flowers are identical in shape with the preceding. Each 15c; per doz. \$1.50.

Balcony White. A superb, pure white form in this new class of petunias. Each 15c; per doz. \$1.50.



A Single Petunia of the ruffled and fringed type.

Sedum

Spectabilis. Showy sedum with thick fleshy leaves and large heads of rich rosy crimson flowers. The flower stem attains a height of some eighteen inches. A unique rock or border plant. Each 50c; per dozen \$5.00.

Shasta Daisy

Alaska. A dainty pure white Shasta Daisy with large beautifully formed single flowers. This variety is unquestionably one of the best of all Shasta Daisies for cut flower purposes. Fine, strong pot-grown stock. Each 15c; per dozen \$1.50.

Salvia

Fireball. A bedding salvia of splendid dwarf habit, bearing quantities of brilliant scarlet flowers throughout the Summer and Autumn months. Each 15c; per dozen \$1.50.

Pulchella. A tall-growing variety bearing pretty red flowers during the Summer months. The flowers are quite small and abundantly produced. Plants attain a height of five feet. Each 25c; per dozen \$2.50.

Leucantha. An exquisite species suitable for herbaceous borders. Flowers a beautiful violet purple and white, borne in profusion from August to December. Ideal for cutting purposes. Strong plants from pots. Each 25c; per dozen \$2.50.

Rutilans. A variety of perennial duration, attaining a height of five feet, bearing an abundance of scarlet flowers late in the Fall. The foliage of this variety has a decided apple-like odor. Fine strong plants. Each 35c; per dozen \$3.50.

Solidago

Patula. A variety of the common Eastern golden rod. The clumps are of perennial duration, increasing in size and vigor year after year. This variety is of particular value for mixing with cut flowers. Each 20c; per dozen \$2.00.

Statice

Arborea. A tree-like species of Statice which attains a height of some four feet. The flowers are a magnificent shade of violet blue, thick set in a truss that attains a diameter of eighteen inches or over. Aside from its value as a cut flower, a specimen in bloom in the garden is one of the most striking of all plants. Strong young plants from two and one-half inch pots. Each 25c; per dozen \$2.50.

Latifolia. The great sea lavender. Leaves long and broad, forming a low growing tufted, rosette-shaped plant. From the center issues a much branched growth completely covered with dainty pale blue flowers. A very valuable plant for bouquet work. Strong plants from two-inch pots. Each 25c; per dozen \$2.50.

Perezii. A handsome Statice of comparatively recent introduction. In general growth it resembles the variety *Arborea*, but the trusses of bloom are, if anything, a larger and brighter blue. The trusses of bloom of this Statice in common with

many other species, can be used in the dry state for decorative purposes. This variety is particularly fine when used in combination effects with other cut flowers. Extra fine plants, each 35c; per dozen \$3.50.

Tradescantia

Variegata. A handsome foliage plant, the leaves of which are marked with creamy white. Can be grown in water for house decoration. Also available for wall pockets, hanging baskets, etc. Each 15c; per dozen \$1.50.

Zebrina. A handsome variety with distinct bronzy red foliage. Each 15c; per dozen \$1.50.

Tritomas

For Summer and Fall blooming there are few plants more stately in appearance than well-grown clumps of Tritomas. Their large torch-like spikes of bloom, reaching up to a height of six feet, and fine grassy foliage makes them conspicuous objects in the garden. They associate well with the various grasses, cannas, etc., in jungle effects and do splendidly on the margins of artificial water courses and ponds. Once planted, they increase in beauty each season and require nothing more than plenty of water, any good garden soil and plenty of manure.

Chrysantha. Bright lemon yellow. Four to five feet high. Each 35c; per dozen \$3.50.

Henry A. Dreer. An extremely large flowered, tall growing sort. Bright orange in color. Each 50c; per dozen \$5.00.

Pfitzerii. A constant blooming variety with spikes four feet in height. Orange scarlet. Each 35c; per dozen \$3.50.

Quartiniana. A giant variety that attains a height of six feet or over. The color is orange red and yellow. Each 50c; per dozen \$5.00.

R. Wilson Kerr. Bright orange scarlet with large spikes. Each 35c; per dozen \$3.50.

Rufus. Medium in growth. Chrome yellow, passing to light yellow. Each 35c; per dozen \$3.50.

Violets

Princess of Wales. The largest single Violet in cultivation. Deliciously fragrant. Each 10c; per dozen \$1.00.

Marie Louise. Large, double blue flowers. Intensely fragrant and very free. Each 15c; per dozen \$1.00.

Swanley White. A perfectly double, pure white variety. Each 15c; per dozen \$1.50.

Undine. Light, double blue. Very free flowering. Each 15c; per dozen \$1.50.

Vitex

Macrophylla. A handsome shrub, bearing spikes of deep blue flowers, not unlike *Buddleia*. Flowers right through the summer. Blossoms of special value for cut purposes. Price each 50c; per dozen \$5.00.

New Perennial Hardy Flowering Pinks

There have been but few novelties introduced in recent years more useful or beautiful than these superb new hardy Pinks from England. They are the result of crosses between the ordinary hot-house carnations and the small border pink. The flowers are intermediate in size between the carnation and the border variety. These pinks have a delightful clove fragrance. They are dwarf compact growers and blossom freely at all times of the year. A bunch of the cut flowers will scent a whole room, the fragrance being far stronger than that to be noted in any carnation. We can unhesitatingly recommend these beautiful new pinks to all of our customers. We offer them in four beautiful varieties.

Harold. A beautiful, deeply fringed, pure white flower, with intense odor. Splendid for cutting.

Mary. Pale rose pink, with maroon colored center. An exquisite combination of colors. Very fragrant.

Phyllis. Pale pink, with maroon colored center.

Robert. A very large flower. Ground color is old rose, with a deep maroon colored center. A very desirable variety in every sense.

Young plants from 2-inch pots, which will blossom during the coming Summer, ready March 15th. Each 25c; per dozen \$2.50.

Flowering Shrubs, Ornamental Trees and Hedge Plants

Abelia

Rupestris. A fine everblooming shrub covered throughout a large portion of the year with numerous sweet scented pink flowers. A native of China and quite hardy. Strong plants, each 75c.

Acacia

Baileyana. One of the handsomest of all flowering trees. The foliage is fern-like in appearance and of a silvery white color. The plant in bloom is a mass of bright canary yellow flowers, distributed on slender stems. A magnificent tree for sidewalk planting, groups or single specimens. Strong plants, 5 to 6 feet high, each \$1.50; 3 to 4 feet high, each 75c.

Cyanophylla. The flowers of this variety are much larger than most other species. The foliage is quite broad and long; the flowers are bright yellow and in immense clusters. One of the best for lawns, shrubberies, etc. Fine plants, 5 to 6 feet high, each \$1.50.

Melanoxylon. This is the common black Acacia, now so much used for sidewalk planting and for this purpose it is a fine thing, providing it is used on light or gravelly soils. If the soil is heavy in nature it makes superficial roots only and often in high winds is uprooted. Pyramidal in shape, clean in character, with a height of 50 to 60 feet. 5 to 6 foot trees, each \$1.00.

Aralia

Sieboldii (Variety Moseri). A handsome type with dainty foliage. The leaves are of such a glossy dark green appearance that they seem to be varnished. This variety prefers partial shade and makes a fine plant for ferneries, etc. It is used in its small state for table and other decorations. Strong young plants from 5-inch pots, each 75c.

Astilbe

Davidii. A splendid, hardy plant from China, with feathery plumes of pure white flowers, 2 feet long. The plant attains a height of 6 feet, branches freely from the base, and when in bloom is an object of striking beauty. The panicles of flowers last for a long time, and being of an unusual character will add much to the attractiveness of the garden. Strong field clumps, each 75c.

Banana

Musa Ensete (Abyssinian). A very ornamental species. Foliage very long and broad, light green in color, with a dark red mid-rib. It makes a fine specimen in subtropical bedding. Three feet, each \$1.50.

Berberis

Darwinii. One of the handsomest of all berried plants, and in season covered with pretty orange colored flowers. Foliage rich dark, glossy green, plants densely branched and spreading. Of great value in shrubberies, etc. Fine bushy plants, each \$1.00.

Illicifolia. A distinct and beautiful species with deeply notched leaves similar to those noted in our common Hollies. A fine companion to the foregoing and quite distinct in character. Each \$1.00.

Bouvardia

Humboldti. One of the prettiest of all Bouvardias and one of the most useful. Blossoms deliciously scented, tubular in form, with the open face of the flower flat and star shaped. This Bouvardia is of great value as a cut flower. It ranks with Lily of the Valley as a subject for corsage bouquets and similar purposes. Price, strong plants from 4-inch pots, each 50c.

Boxwood

Buxus japonica. A quick growing Japanese form of boxwood with brilliant bright green leaves—so bright, indeed, that they appear varnished. It is of rapid growth and of splendid effect when used for low hedges or trimmed into formal shape. Equally valuable for large specimens grown in tubs for porch decoration. This variety is quite hardy and retains its bright green color throughout the season. In our opinion it is one of the most valuable of the family. When grown in hedge form, it presents a neat evergreen appearance. The illustration of the pot grown specimen conveys a good idea of its compact habit. The formal shapes have been carefully and continuously trimmed, thus making fine compact specimens. This stock is guaranteed to compare favorably with any such boxwoods formerly imported. We can offer you these plants in the following sizes and prices:

Ball shaped specimens in tubs, 14 inches in diameter, \$7.50 each; 16 inches in diameter, \$10.00 each; 18 to 20 inches, \$12.00 each. Pyramid shaped specimens in tubs, 28 inches high, \$7.50 each; 30 inches high, \$10.00 each; 32 to 34 inches high, \$12.00. Strong young plants from 3-inch pots, suitable for hedges, borders, etc., each 15c; per dozen \$1.50.



A typical specimen of Boxwood.

Buddleia

Variabilis magnifica (Butterfly Shrub). A handsome flowering shrub with long spikes of minute rich purplish blue flowers. A splendid shrub for cutting purposes. The stems may be cut 3 to 4 feet long. The plant is quite hardy and extremely ornamental as a garden plant, aside from its value as a cut flower. Price, strong pot grown plants, each 50c.

Caryopteris Mastacanthus

Blue Spirea. A fine, hardy plant from China of dwarf shrubby character, covered during spring with masses of blue flowers. The blooms are minute, but closely set, and are arranged around the full length of the shoots. Each 75c.

Ceanothus

Azureus. A very graceful flowering shrub, covered in early spring with delicate pale blue flowers. This variety is not unlike in color of bloom the native wild species indigenous to California, and it flowers for a much longer period. A valuable shrub for borders or clump planting. Strong specimens, each \$1.50.

Chorizema

Illicifolia. A distinct and beautiful shrub useful either for pot culture or for planting in the open ground. Foliage more or less similar to that of an English Holly, only smaller. Glossy green in color, crinkled on the edges. Flowers about half an inch across, borne in great masses during the flowering period. These flowers are a remarkable shade of orange red in color. Nothing prettier as a pot grown plant than this handsome shrub. Strong plants from pots, each 75c.

Cotoneaster

Buxifolia and Microphylla. Two handsome dwarf shrubs; very ornamental character, suitable for the foreground of tall shrubberies or as cover plants for steep slopes, etc. Strong plants in pots, each \$1.00. Heavy balled plants, each \$2.50.

Franchetti. A beautiful Cotoneaster of comparatively recent introduction. Foliage gray green. Stems more or less reflexed and weeping in character. Well berried during winter; a handsome species for the shrubby border. Strong plants from pots, each 75c. Balled from the field, each \$1.50.

Horizontalis. A handsome prostrate shrub of excellent value for use in rock work, for the covering of steep sloping banks or in the foreground of shrubby plantings. The foliage is dark glossy green in color. During winter the plant is covered with myriads of bright red berries, which greatly enhances its value as a decorative garden plant. Fine, strong pot grown plants, each 75c. Extra fine specimens, \$2.50 each.

Pannosa. A vigorous growing species, taller in growth than the variety Franchetti. Foliage more or less similar. Stems beautifully arched and loaded with bright scarlet berries during early Autumn and Winter. One of the most useful and attractive of all Cotoneasters. Strong pot grown stock, each 75c. Balled specimens, each \$1.50.

Choysia

Ternata. A superb, half hardy flowering shrub bearing masses of single pure white flowers, not unlike an orange blossom in general appearance. Exceedingly fragrant. The foliage offers a handsome foil to the large trusses of bloom. Rich, bright green in color. The plants are of medium height, compact and bushy. Of special value as an outdoor shrub for planting in warm sections. Strong, bushy plants from pots, each 75c. Large balled plants from the field, each \$1.50.

Coprosma

Baueriana. Among the various dwarf shrubs exotic to this section there are but few of more intrinsic value than this distinct and handsome Australian species. The plant is of more or less prostrate habit, which gives it especial value as a cover plant. Its leaves are a deep lustrous green, appearing as though varnished, and when planted in groups or as individual specimens, offers a foliage color effect unlike other garden plants. One of the handsomest of our dwarf shrubs. Each 50c.

Craetagus

The various Craetagus are of great value for use as cover plants or for mixing in with other shrubs to obtain dense effects in borders, etc. During Winter the plants are densely covered with small highly colored berries, which gives them a very attractive appearance.

Lelandii. Among the various berried shrubs we question if there is anything to exceed this handsome variety in point of beauty. The berries, borne in dense masses along the full length of the stem, are brilliant deep orange in color. Grown as a single specimen or planted in group effects, this elegant variety attracts attention at once. The cut branches with berries attached are beautiful for decorative purposes. Strong balled plants from the field, each \$1.50. Strong pot grown plants, each 75c.

Crepe Myrtle

The wonderful mass of bloom produced in the early Summer by the Crepe Myrtle makes it very valuable as an ornamental subject in the garden. We can offer good plants in the following colors: crimson, purple and pink. Strong young stock, each \$1.00. Large specimen sizes, each \$2.50.

Deutzia

Among the various deciduous Spring flowering shrubs Deutzias occupy a permanent position. The plants are literally covered with blossoms. The long flowering shoots are more or less pendant in habit. We are able to offer you three very desirable varieties.

Crenata alba double. Bears corymbs of pure white flowers in early Spring.

Crenata magnifica. A comparatively recent introduction with large corymbs of bloom with the individual flowers of very large size.

Rosea floribunda. A handsome rose colored type.

Price of any of the foregoing, strong plants from pots, 2 to 3 feet, each 75c.

Diosma Alba

Breath of Heaven. One of the prettiest of dwarf shrubs. Foliage delightfully fragrant. Covered with minute white flowers in Spring. Each \$1.00.

Erica—Heather

Melanthera. One of the prettiest and most useful of all heathers. The plants are of rapid growth and covered from top to bottom during midwinter and early Spring with dainty bell-shaped rose colored blooms. This heather is unquestionably one of the most useful of all the species for general garden cultivation. It comes into bloom at a period when other flowers are quite scarce. Aside from its decorative value as a garden plant, cut sprays are indispensable for mixing with cut flowers and are very effective when arranged in baskets or vases. Strong pot grown plants, each \$1.00. Large specimens from the field, balled, each \$2.50.

Escallonia

As flowering shrubs of medium height for the production of a more or less continuous display of color, Escallonias are of great value. They all possess bright glossy green foliage, are strictly evergreen in character and are attractive in the shrubby border in or out of bloom. The three we offer below are amongst the best of the various species and well adapted of California gardens. Pot grown plants, each 75c. Strong balled plants, each \$1.50.

Alba (White flowered). A beautiful pure white variety.

Rubra (Red). Similar to the preceding, red flowers.

Pink. With deep rich rose colored blossoms.

Euonymus

Golden. A fine type of plant for hedges, individual specimens, etc. The foliage is bright and clean; color, a dark green with golden variegations. Strong bushy plants, each \$1.00.

Japonica aurea. One of the best of the gold and green variegated forms. Unlike many variegated plants, this variety holds its character without reverting to the original green

type. It is hardy in character and is of splendid value as a single specimen or for use in dwarf hedges, etc. Strong field plants, each \$1.50.

Japonica microphylla. A handsome minute leaved form of *Euonymus* with small densely set dark green leaves. This species has more the appearance of a boxwood than a *Euonymus* and is equally useful as a dwarf hedge plant or when trimmed as a specimen to formal shape. Quite hardy, strong plants from 3-inch pots, each 20c; per dozen \$2.00.

Ficus—Rubber Tree

Elastica. A well-known decorative plant with immense glossy dark green leaves. This plant is of elegant effect used in jardinières for interior decoration. It will grow and do well with a minimum amount of light. One of the most decorative of all house plants and equally valuable for planting in the garden in warm sections. We have a large stock of assorted sizes. Price, per foot, \$1.00.

Macrophylla. This species is quite distinct from *Elastica*. The leaves are dark glossy green and very broad, with dark stems and midrib. This fine sort makes a specimen tree in a very short time. Price per foot, 50c.

Genista

Canariensis. An excellent Spring flowering shrub, with fine foliage, and in season covered with myriads of small golden yellow pea-shaped blooms. Largely grown as an Easter plant. Strong plants from 3-inch pots, 35c each. Larger specimens, \$1.00 each.

Hispanica. Commonly known as "Scotch Broom." It is covered during the early Spring with golden yellow pea-shaped flowers, which are much larger than those of the preceding variety. Extra strong plants, each \$1.00.

Grevillea

Thelemanniana. A lovely dwarf Australian shrub, with fine, needle-like foliage and distinct bright red flowers. It resists drought in a great degree and is especially useful in sandy soils. A plant in bloom is a beautiful thing. Strong plants from pots, each \$1.00.

Hibiscus

Single Yellow with Crimson Eye. An elegant single form with the center of the bloom a rich dark crimson, the outer portion being pure yellow. Young plants from 4-inch pots, each 50c. Larger specimens, each \$1.00.

Single Buff with Crimson Eye. Similar to the preceding, but a rich buff yellow surrounding the central crimson zone. Four-inch pots, each 50c. Larger specimens, each \$1.00.

Double Crimson. The value of the hibiscus as a garden plant is well understood. They are excellent when used as solitary specimens or in grouped effects. We would also suggest using them for hedges, and they are particularly effective when so used. The crimson is very satisfactory used in this manner. Strong plants from the field, 3 to 4 feet, \$2.00 each; from 4-inch pots, fine stock, each 50c.

Single Crimson. A very free flowering type of *Hibiscus*, literally covered with handsome bright scarlet blossoms all through the Summer and Autumn months. There is hardly a day during this period that the plants do not present a splendid mass of color. The blossoms attain a diameter of 5 to 6 inches. Strong field grown plants, each \$2.00; from 4-inch pots, each 50c.

Peach Blow. A beautiful variety with the same elegant form as the best double types, but entirely distinct in color, being a delicate soft rose with shadings of salmon. Very large and very free flowering. Prices same as *Double Crimson*.

Hydrangea

Arborescens grandiflora. A deciduous pure snow white *Hydrangea* bearing enormous trusses of bloom of much the same type as those of the *horetensis* class, but with foliage more or less like *Hydrangea paniculata*. This variety blossoms in late Spring, at which time the plants are covered with immense panicles of snow white flowers. Strong plants from 5-inch pots, each 75c.

Hypericum

Moserianum. This handsome plant is generally classed under herbaceous plants, but in California it attains large size and is practically evergreen. It bears large numbers of bright golden yellow blossoms, 2 to 3 inches across. They are borne along the entire length of the gracefully arched stems. A fine thing for planting between mixed shrubbery or in herbaceous borders. Strong balled plants, each \$1.50. Strong young plants from 3-inch pots, each 35c.

Jacaranda

Mimosaeifolia. With its elegant fern-like foliage and beautiful masses of dark blue flowers, the *Jacaranda* is one of the most beautiful of all ornamental flowering trees. It makes handsome specimens in short time. Fine trees, 3 to 4 feet, each \$1.00.

Laurestinus

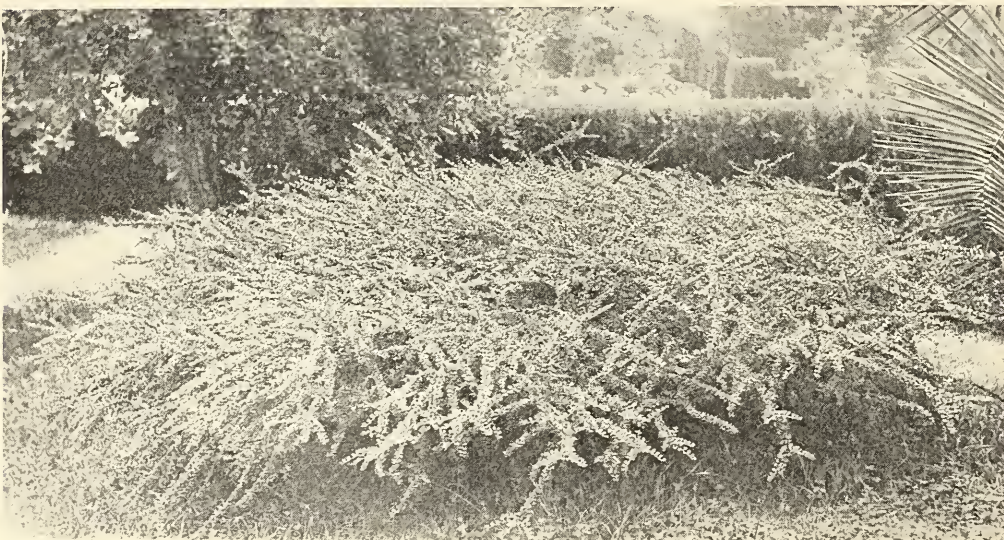
An excellent hedge plant, covered during Spring with masses of white flowers. It can be trimmed into any desired shape. The foliage always retains a clean, bright look. Strong plants, each \$1.00; small, for lining out, each 15c; per 100, \$10.00.

Plumbago

Capensis. A handsome ever-blooming shrub, bearing dense trusses of coerulean blue flowers. In Southern California and other warm sections this plant is of special value as it blooms incessantly. Is more or less prostrate in habit and makes an excellent cover plant for banks or may be used in the foreground of shrubbery planting. Strong plants from 4-inch pots, each 75c.

Capensis alba. A pure white form of the preceding with the same habit of growth. Differs only in color. Strong plants from 4-inch pots, each 75c.

Larpentae. A very desirable dwarf, hardy form of *plumbago*. The plants only attain the height of 8 to 12 inches and are covered during the Summer and Fall with masses of



Cotoneasters horizontalis—See page 59.

deep, rich blue flowers. This species is deciduous during Winter. A fine plant for use in rock gardens, etc. Each 75c.

Lemon Verbena

Well known for the delicious perfume emitted from the crushed leaves. No garden should be without a plant. Strong plants, each \$1.00; smaller, each 50c.

Leptospermum

Laevigatum. A lovely Australian shrub with long weeping branches, densely foliaged with small whitish green leaves. During the Spring the plants are literally covered with minute white flowers. Attractive both in and out of bloom; one of the best of the numerous Australian shrubs. Strong balled plants from the field, each \$1.50. Nice plants from 8-inch pots, each 75c.

Linum

Flavum. A species of perennial flax with handsome golden yellow blossoms some 2 inches across. It grows to shrub-like proportions in this climate and flowers profusely throughout the year. A fine plant for dwarf borders. Each 35c; per dozen \$3.50.

Mahonia

Aquifolia. A splendid dwarf shrub with long prickly, glossy green foliage and clusters of small yellow blossoms in early Spring. Aside from its value planted out it makes a very handsome tub or pot plant. Strong balled plants from the field, each \$1.50.

Myrtus

Communis (Common English Myrtle). One of the best evergreen plants for borders and hedges and of equal value when allowed to grow into tree-like specimens. Covered during the Spring with masses of pure white, fragrant flowers. Young plants for lining out, 2-inch pots, each 15c; per 100 \$10.00. Field plants, strong, each \$1.00.

Communis microphylla. A handsome small-leaved form of the preceding. Plants in 2-inch pots, each \$20c; per 100 \$15.00. Field grown plants, each \$1.00.

Nandina

Domestica. A highly ornamental dwarf shrub, native of Japan, and suitable for many purposes. It makes a beautiful lawn specimen or may be grown and treated as a pot plant. During the Winter the leaves take on a rich coppery-red color. Strong balled plants, each \$1.50.

Oleanders

These make beautiful specimens in a short time and are practically everblooming. For solitary specimens on lawns they show to great advantage. Assorted colors, each \$1.00; per dozen \$10.00.

Philadelphus

We have three of the best varieties of Philadelphus, commonly known as Syringas. The blossoms are white, but vary in shape in the different sorts. They are excellent dwarf, hardy shrubs which flower abundantly early in the Spring. Strong plants, 75c each.

Pittosporum

Pittosporums should find a place in every garden where fine shrubs are used. We offer four of the best.

Undulatum. A beautiful tree in every way. Young plants, 2 feet high, each 75c; large bushy plants, each \$2.50.

Rhombofolium. With much smaller foliage than the foregoing. Very shapely specimens from the field. Each \$2.50.

Crassifolium. An erect growing species with thick leathery foliage. This variety only attains a medium height, being quite shrubby in character. Very handsome as a specimen plant. Pot grown, each \$1.00; balled plants, very fine, each \$3.00.

Nigricans. A distinct and very desirable variety with glossy light green foliage and black stems. It may be grown as a standard, in which form it makes a good sidewalk tree for use in parkings. Pot grown, each \$1.00; balled specimens, each \$3.00.

Platanus

Occidentalis and *Orientalis*. The Eastern and Western hardy Sycamores are two of the best and most satisfactory shade trees grown. In California they grow with great rapidity, soon making large trees; foliage very large and in many respects not unlike our native species. For sidewalk planting they are of great value; they thrive in cities where the smoke and dust is fatal to other trees. Strong, straight stemmed plants, 6 to 7 feet, each \$1.50.

Poinsettia

Single Scarlet. Immense bracts of bright scarlet flowers, well known and universally admired. Young plants, each 25c; per dozen \$2.50. Extra large specimens, each \$1.00.

Privet

Ligustrum Japonica. An excellent hedge plant, with small oval-shaped leaves and covered during the Spring with numerous spikes of fragrant white flowers. Young plants for lining out, each 15c; per dozen \$1.50; per 100 \$10.00.

Prunus

Illicifolia (Holly Leaved). The evergreen wild plum, native of our mountain sections. This highly ornamental evergreen is quite equal to holly in appearance and is one of the most satisfactory evergreen shrubs for California gardens. It may be used as individual specimens or trained into hedge form. Strong plants from 3-inch pots, each 35c. Large specimens, each \$1.00.

Illicifolia var. Integrifolia. The Catalina type of the foregoing with much larger glossy green foliage. Price, 3-inch pot plants, each 35c. Large specimens, each \$1.00.

Pissardii. One of the most ornamental of all foliage plants, the leaves are deep copper-bronze in color, fully as rich a shade as that noted in a purple beech with the advantage of being a more rapid grower. Strong, established plants, 5 to 6 feet, each \$2.00.

Punica—Pomegranate

The following three varieties are double flowering forms of the ordinary three commercial pomegranate. They make handsome shrubs and bear during the Summer quantities of brilliantly colored flowers. The foliage has a light yellowish green cast. Clean and neat in appearance. Highly recommended for shrubbery plantings.

Double white. A comparatively scarce variety with double pure white flowers.

Rubra. Bright scarlet of intense shade.

Andre Leroy. Immense orange-colored flowers.

Strong 3-year field plants of above varieties, each \$1.50.

Quercus

Agrifolia (Live Oak). A native of California and one of the noblest and handsomest of all native trees. It is evergreen in nature, with a particularly rich dark green effect throughout the year. The idea prevails that it takes a lifetime to get results in the growth of this tree; as a matter of fact, it is exceedingly rapid in growth if water is given freely. Fine plants in 5-inch pots, each \$1.00.

Romneya

Coulteri (Matilija Poppy). This magnificent plant is without question the finest of our native shrubs. Its immense snowy white frilled blossoms and highly contrasting bunch of golden yellow stamens in the central portion of the bloom are beautiful to a degree. It is not unusual to have flowers measure 6 to 7 inches in diameter. As cut flowers they have few equals; as garden specimens they attract attention at once. With the return of each Spring there is an added vigor to the plant and a consequent increase in the number of blossoms. To obtain the finest quality of flowers it is advisable to prune the plant down to within a few inches of the ground during the month of November. The new growth, which occurs with the advent of the Winter rains, comes from the eyes close to the ground, or even those beneath the surface, and on the tips of these are produced the finest flowers. Strong young plants, each \$1.50.

Schinus

Molle. The well-known California Pepper tree. One of the best trees for street planting where the parkings are wide. Young plants in pots, 2 to 3 feet, each 75c; large plants in assorted sizes, prices on application.

Snowball

We have a fine stock of this elegant deciduous shrub and can offer large, well-branched specimens. Each \$1.50.

Sterculia

Diversifolia. One of the best of all street trees. Pyramidal in growth, with very thick tapering trunk. The foliage is quite constant, with a clean, bright appearance at all times. Strong, straight specimens, 4 to 5 feet, each \$1.50.

Streptosolen

Jamesonii. For the warmer sections of the country there are but few plants more striking in their character than this lovely flowering shrub. The plants are literally covered with masses of bright orange red colored flowers over a long period and the plant in bloom attracts attention at once. The growth is more or less pendulous, with strong, wiry stems. Foliage is small, light green in color. This plant may be treated as a vine if given proper support. It requires a warm, sunny position for best results. Strong plants from 6-inch pots, each 50c.

Swainsonia

Alba. With spikes of dainty pure white pea-shaped flowers. Extra strong, each 75c.

Rosea. Similar to the above, with rosy purple flowers. Each 75c.

Tamarix

Plumosus. A beautiful tree for lawn planting or when used in mixed shrubberies. It is deciduous in nature, losing its foliage in Winter. During Summer it presents a striking, plumy appearance, especially so when covered with its innumerable pink flowers. Strong field grown plants, each \$1.50.

Veronica

Alba. Long, narrow foliage, compact growth, spikes of pure white flowers.

Andersoni. Glossy, olive-like leaves. Pale blue.

Cupressioides. A handsome, comparatively new Veronica from New Zealand. Unlike most of the other species offered here; the general effect of the plant is more that of a dwarf cypress than a Veronica.

Imperialis. Broad foliage, growth exceedingly vigorous, color carmine crimson. Very fine.

Lobeloides. Large spikes of pale blue flowers.

Microphylla. A dainty, small foliated variety, covered with innumerable spikes of pure white flowers.

Variiegata. Foliage dark green, beautifully margined with white. Flowers rich blue.

Price of any of the above, from 3-inch pots, each 35c; per dozen \$3.50. Fine balled plants from the field, each \$1.00.

Wigelias

Hortensis Nivea. White, occasionally tinted pink.

Eva Rathke. A continuous bloomer; deep, rich carmine.

Candida. Pure white, very large in size.

Strong 2-year plants of any of the above varieties, each \$1.00.

Flowering and Ornamental Vines

Ampelopsis

Veitchi (Boston Ivy). One of the most ornamental of climbing foliage plants. It is extremely hardy, withstanding many degrees of freezing temperature without injury, and doing equally well in our warm, temperate climate. In Autumn the leaves assume a reddish copper tint and are very effective. Young plants in 2-inch pots, each 15c; per dozen \$1.50; 4-inch pots, each 25c; per dozen \$2.50.

Quinquefolia (Virginia Creeper). Foliage much larger than the preceding, with a more vigorous habit of growth. It assumes the same high tints in the Autumn. Each 50c.

Variiegata. A prettily variegated form of Ampelopsis, with foliage much the same size as the "Boston Ivy." The leaves are marked with white on a green ground. Each 35c; per dozen \$3.50.

Anemopaegma

Purpureum. A beautiful tropical vine, closely allied to Bignonias. The flowers are reddish purple in color and about an inch across. A fine thing for trellises, pergolas, etc. When in full bloom the racemes hang in great numbers with several flowers in each cluster. This vine is tender in nature and is consequently of no value as an outside climber in any section subject to heavy frosts. In most parts of Southern California it grows readily. Each 75c.

Bignonias

Speciosa. A very rare Bignonia from the state of Vera Cruz, Mexico. The blossoms are tubular in shape with the open face of the flower an inch and over in diameter. The color is a most delicate shade of mauve with a lighter colored throat. The flower is borne in dense clusters at the axils of the leaves. These clusters are so numerous that a plant in bloom attracts attention at once. One of the handsomest of all the Bignonia family. We have only a small stock for distribution this season. Each \$1.00.

Chererei. A very scarce variety from Mexico, with long trumpet-shaped flowers, fully 3 inches in diameter; in color a rich shade of blood red. It is strictly an evergreen and, in

addition, is one of the rankest growers in the family. It will not stand much frost and should be planted in a sunny, protected position. Young plants, each 75c.

Venustus. One of the handsomest of all Bignonias. It is a mid-Winter bloomer and displays at that season innumerable clusters of long tubular flowers; color, rich orange. Strong plants, each 75c.

Violacea. With bright, glossy green leaves, characteristic of so many tropical plants and deep violet purple flowers 2 inches across. A splendid plant for protected positions on pergolas, walls, etc. The plants is literally smothered with a mass of flowers during its blooming season. Each 75c; per dozen \$3.50.

Tweediana. A small leaved species of clinging habit and consequently very useful for covering walls, stone-pillars, etc. It is covered during Spring with quantities of canary-yellow blossoms. Each 75c.

Mackenni. A rampant growing species, with large clusters of deep pink flowers. Like most of the family, it is a Winter bloomer. It is valuable for trellises, pergolas, etc., growing with great rapidity, it soon covers a large area and is very decorative when in bloom. Each 75c.

Bougainvillea

Glabra Sanderiana. The most prolific blooming of any of the species; it commences to bloom when only a few inches high, and it may be said that it is never out of flower. The bracts are a light carmine purple color and rather smaller in size than the three following varieties. Young plants from 2½-inch pots, each 25c; 4-inch, each 35c; 6-inch, each 75c.

Cypheri. Quite distinct in color from the preceding variety, with much larger bracts. Color, rosy purple. A fine acquisition. Each 75c.

Spectabilis. The best of all deep purple Bougainvilleas. The bracts are produced in immense heads and are of a deep glowing purple in color. It is without question one of the finest in the family. For hedges, pergolas, etc., it is unexcelled. Strong young plants, each 75c.

Laterita. This remarkable variety is almost identical with *spectabilis* in its growth; it differs only in the lighter color of its foliage and in that the flowers, instead of being purple, as most of the family, are a handsome terra cotta shade. This variety is exceedingly difficult to propagate, and as a consequence the price is always high. We have only a limited stock to offer. Fine plants from 5-inch pots, each \$2.50; extra large stock, each \$5.00.

Clematis

Paniculata (Virgins Bower). One of the handsomest and most easily grown of all hardy climbing, flowering plants. The plants are densely foliaged and during May and June completely covered with a profusion of dainty star-like flowers. For covering fences, pergolas, or for use as a cover plant on shady banks this Clematis is of great value. Each 75c.

Cobea Scandens

A plant of very rapid growth, often attaining a height of 20 feet in one season. The flowers are bell-shaped, deep purple in color and freely produced. Each 20c; per dozen \$2.00.

Dioclea

Glycinoides. A superb climber from the Rio de la Plata region of South America. The flowers are pea-shaped, of good size, and borne in racemes. Color, an intensely vivid scarlet. This is a very rare plant and should find a place in every California garden. Each 75c.

Dolichos

Lignosus (Australian Pea Vine). Commonly known as the Australian Pea Pine. A rampant grower and of special value for hiding unsightly fences. Flowers pea-shaped; rose and purple in color. Small plants, each 15c; per dozen \$1.50.

Duranta

Variiegata. As a general rule, there are few plants which show variation in foliage that will stand our Summer sun and dry atmospheric conditions without either burning or bleaching out. However, the above is an exception to the rule and we have in it one of the prettiest and most distinctly colored plants. The leaves are bright green, edged and splashed with golden yellow. The growth is prostrate in habit, but if given support it is half climber in nature. Strong young plants, each 35c.

Ficus

Repens. A very ornamental climbing plant, which fastens itself to stone or brick buildings by means of aerial roots and makes a dense mat of small, dark green leaves. It retains its foliage at all seasons. Small plants, each 15c; per dozen \$1.50. Strong plants, each 25c; per doz. \$2.50.

Honeysuckle

Common Sweet Scented. Strong plants from 4-inch pots, each 50c.

Gigantea. With very large foliage and large clusters of creamy yellow flowers. Each 50c.

Scarlet flowered. Blooms deep scarlet, with orange and yellow shadings. Foliage deep green, silvery on the under side. Each 50c.

Variiegated. Foliage beautifully splashed with golden yellow. A very ornamental vine. Strong plants from 4-inch pots, each 50c.

Hoya—Wax Vine

Carnosa. A handsome climbing plant which does well in shady places, or it may be used as a pot plant indoors. The umbels of bloom are waxy pink in color and freely produced. Leaves thick and fleshy in texture. Each 75c.

Ivy—Hedera

Like the various *Ampelopsis*, it furnishes its own support; by means of aerial roots it clings tenaciously to walls, trees, etc., and although not generally known, it is one of the best of all cover plants under the shade of large trees, etc., covering the

ground with a mat of foliage and stems, with the advantage of being perennially green.

Helix Chrysocarpa. A beautiful cut leaved Ivy; the foliage is three-lobed and quite distinct in form from ordinary English Ivy. It clings to wood or stone. Each 35c; per dozen \$3.50.

English. The best for all purposes, with large dark green foliage. Young plants, each 15c; per dozen \$1.50. Extra strong, from 4-inch pots, each 25c; per dozen \$2.50.

Variiegata. Prettily variegated with white on a deep green ground. Strong plants, each 25c; per doz. \$2.50.

Jasmine

Azoricum. A rare species with clusters of pure white star-shaped flowers. It is quite distinct from others in form of foliage; the leaves are quite large, 2 to 2½ inches across. The flowers are entirely without the scent characteristic of jasmines. Each 75c.

Ligustifolium. A rare and beautiful species, with small, stary flowers. These are intensely fragrant and are produced in large numbers during early Summer. Foliage, dark, glossy green; narrow, long and pointed, after the manner of some privets. Each 75c.

Primulinum. A magnificent new golden yellow jasmine from China; flowers very large, rich golden yellow in color. We have noticed in several catalogs that attention has been called to its delicious perfume. We question the truth of this statement, however; with us it is absolutely odorless. The blossoms are fully 2 inches in diameter and in Winter and Spring the plant is covered with masses of flowers. A rapid grower and quite hardy. Each 75c.

Yellow. Semi-climbing, with very fragrant yellow flowers. Each 75c.

White. Sweetly scented, pure white, star-shaped flowers. Climbing. Each 75c.

Lathyrus

White Pearl. A new perennial pea of wonderful beauty. It is an improved form of the old *Latifolius Albus*; the flowers and trusses are fully twice the size of the old form and pure waxy-white in color. A fine thing for cutting purposes or as a flowering vine. Each 75c.

Mandevillea

Suaveolens. This lovely climbing plant is a native of South America. It will stand several degrees of frosts without injury. The flowers are about 2 inches in diameter, intensely fragrant, and are borne in great profusion. This vine requires a fully exposed, sunny situation. Each 75c.

Moon Vines

Maxima. A new giant flowered night bloomer, with much larger flowers than any other Moon Vine. Pure white, with flowers of excellent substance. Each 25c.

Learii. Perennial blue Moon Vine. Flowers of large size; color, deep purplish blue. Each 25c.

Muhlenbeckia

Complexa. Commonly known in California as Wire Vine. A graceful plant with minute round leaves and slender wire like stems; deep reddish brown in color. For covering the posts of pergolas, etc., it is valuable and very effective, the whole plant having a fern-like appearance. Each 75c.

Pithecoctinium

Muricatum. A little known but very desirable climbing plant, closely allied to the bignonias, and requiring much the same treatment. It is a strong, rampant grower, with the shoots densely covered with rich, creamy yellow blossoms during late Spring. The flowers average an inch in diameter. Each 75c.

Snail Vine

Phaseolus Caracalla. An elegant climber of rapid growth, well adapted for covering trellises, etc. Flowers creamy white, shading to deep lavender and gradually changing to yellow as the flowers mature. Each 35c.

Passiflora—Passion Vine

Pfordtii. One of the handsomest of all the passion vines. Flowers are large star shape in form. The blossoms have a ground color of white, daintily suffused with rose. This variety is of very rapid growth and blossoms freely during the Summer and Autumn months. An excellent vine for covering pergolas, fences or outbuildings. Fine plants from 4-inch pots, each 75c.

Rhynchospermum

Jasminoides (Malayan Jasmine). One of the most exquisitely scented of all flowering vines. The flowers are small, star-shaped, borne in profusion and deliciously fragrant. Foliage, dark green; thick and leathery in substance. Fine, large plants, in 5-inch pots, each 75c; 3-inch pots, each 50c.

Solanum

For rapid growth few vines exceed the various species of Solanum. They require a warm, sunny location, and, like most tropical plants, plenty of water.

Jasminoides. A free blooming and free growing vine. Blossoms medium in size, but carried in good-sized umbels. Color, white shaded with purple. Strong plants from 5-inch pots, each 50c.

Wendlandii. The grandest of all Solanums. Foliage, enormous, and in the blooming season the entire plant is covered with gigantic trusses of pale blue flowers. It does best when planted in a sunny situation. Each 50c.

Solandra

Grandiflora. A very handsome tropical vine, with thick, fleshy stems and broad, rich, green foliage. The flowers resemble those of an Easter Lily. On opening they are white, with age turning to deep saffron yellow. It will stand some degrees of frost; but its culture outside is limited to the warmer portions of the United States, such as California and Florida. Very rare and beautiful. Each 75c.

Sollya

Heterophylla. The Australian blue bell creeper. A vigorous plant with small foliage and numerous pale blue flowers. It is but little known here, although a valuable climber. It does well in almost any situation and is deserving of increased culture. Each 75c.

Smilax

Young plants that will make fine strings for cutting from this season. Each 10c; per dozen \$1.00.

Stigmaphyllon

Ciliatum. Sometimes referred to as the Brazilian orchid vine. A lovely, tender, creeping plant, with rich golden yellow flowers carried in somewhat pendulous corymbs. They attain an inch and over in diameter and are prettily fringed. It can be grown in Southern California outside; in colder sections in greenhouses only. Each 75c.

Tecoma

Australis. Among all the climbing vines in our collection there are few more beautiful than this lovely species. Its principal value lies in its elegant thick foliage and rampant growth. For the sides of buildings, on fences, etc., it is exceedingly useful. The young foliage is prettily bronzed. Flowers small, but produced in great profusion. Color creamy white. Young plants, each 75c.

Capensis. Flowers bright scarlet, long and tubular. A fine plant for the sunny side of the house. Strong plants, each 75c.

Jasminoides. Large flowers; pure white, shading to deep crimson in the throat. Foliage bright and glossy. One of the prettiest of vines. Each 75c.

Jasminoides Alba. Exactly the same as the preceding in growth and foliage. It differs in the point that the long tubular blossoms are pure white in both the face of the flower and the throat. Very scarce. Each 75c.

Vinca

The various types of Vincas, both in the large and small-leaved sorts, are of inestimable value as garden plants. They are adapted to a variety of uses, are hardy to a degree, withstanding harsh conditions of soil and climate and grow with little or no attention once the plants are thoroughly established.

Major. With large dark green foliage.

Major Variegata. Similar to the foregoing but yellow and green foliage.

Minor. A small-leaved green foliaged variety.

Minor Variegata. A handsome small-leaved variegated form.

Price of any of the above varieties, each 15c; per dozen \$1.50.

Vitis

Capensis and Rhombifolium. These two magnificent species of evergreen grapes are unquestionably the most decorative of all foliage vines. The first named species is a rampant grower with large round leaves 8 to 10 inches across. The stems have a bronzy red tint of highly decorative effect. The second variety is of a dainty slender growth, heavily foliaged, with the leaf composed of three medium-sized lobes. For covering pergolas, walls, porches, etc., they are unsurpassed, being of a light, airy effect, and absolutely clean and evergreen. Prices of either variety, strong plants from 4-inch pots, each 75c.

Wistaria

Chinensis blue. One of the best known and most admired of all hardy climbing plants. Bears long racemes of large pea-shaped blue flowers. Strong plants from 6-inch pots, each \$1.00.

NOTE:—Nearly all vines offered in the foregoing list are heavy pot-grown plants, usually covering 3-foot stakes. In many of the varieties noted above, we can supply plants in smaller sizes at proportionate prices. The sizes quoted, however, are such as will give quick and immediate results.

Two Essentials for Your Garden

"Groz-it"—Pulverized Sheep Manure

Groz-it disintegrates at once under the action of water, making the plant food immediately available.

QUICKLY APPLIED—LEAVES NO ODOR

| | |
|-------------------------|--------|
| 50 lb. Sacks..... | \$1.50 |
| 100 lb. Sacks..... | 2.50 |
| Five 100 lb. Sacks..... | 10.00 |

NO WEEDS—NO ODOR

Peat

There are certain plants, such as ferns, begonias, primroses, cinerarias, etc., that require a great deal of humus. There is no better way of adding humus to the soil than by digging in a quantity of well-rotted peat, which also keeps the soil spongy and free, thus insuring good drainage. Price—per sack, \$1.50.

Local Deliveries Free



A bloom of our new California Giant Aster, Curled and Interlaced Type.

Novelties and Specialties in Choice Flower Seeds

The following list contains a selection of the leading varieties, which, if carefully sown, will furnish you with an abundance of beautiful flowers for your garden at a comparatively nominal cost. The seeds which we offer are, with few exceptions, grown on our own trial grounds. They may be relied upon for good germinating qualities, for trueness to type and as representative of the most advanced development known in choice strains at the present time.

In common with Roses and many other subjects, we have devoted a large amount of time and energy in the improvement of various strains of Annual and Perennial plants. The work which we have done on Asters and many other strains to be noted in the following pages covers a period of several years. Our one aim in the production of seeds has been quality and that our efforts in that direction have not been in vain is attested by the many voluntary reports we have had from customers from all parts of the Union.

Our strains of Cinerarias, Giant Zinnias, Celosias, Verbenas and other subjects are recognized as being as near perfection as has been attained at the present time. The seeds which we send out are not only given careful germination tests, but are subjected to trials to determine their trueness, etc. We feel certain that those who have not yet tried our various strains of seeds will be more than pleased with the results obtainable from them.

A selection from the varieties listed on the following pages will afford a variety of color and foliage that will brighten and beautify the garden, and fill the ever present need for cut flowers in the home.

Two Superb New Asters for the Season of 1925

We first distributed these strains in the season of 1921. Seed was sent to various growers throughout the United States, Canada and Europe. If we may judge from the voluntary reports we have received in commendation of their quality, we feel quite certain that the seed which we are offering this year will give every grower satisfaction. The stock has again been subjected to rigid roguing to further perfect their remarkable non-lateral branching character. The flowers are of mammoth proportions, ranging from $4\frac{1}{2}$ to 5 inches in diameter and are borne singly on stems ranging from 18 to 24 inches in length. The advantage of the new class is that immense size is obtainable without the usual tedious work of disbudding. Anyone growing Asters either for cutting or bedding purposes will find this strain one of exceptional beauty. We offer them in two distinct types of bloom, incurved or peony flowered and the curled or interlaced.

Howard & Smith's New California Giant Non-Lateral Branching Asters

California Giant Curled and Interlaced Dark Purple. We made reference to this new Aster in the foreword of this bulletin and we feel certain that our customers will find it is all we claim for it. It is one of the tallest growing Asters in existence today. The plants at the point of their full development attain a height of $3\frac{1}{2}$ to 4 feet and bear blossoms of immense size and splendid substance. Color a rich purplish blue. The plants continue in blossom over a period of some 90 days, giving a long and protracted cutting season. This Aster will prove of immense value to the home garden or as a commercial cut flower. Price per packet 50c.

California Giant Curled and Interlaced Pure White. The exact replica in form and size to our California Giant Rose, Peach Blossom and Light Blue, but pure snowy white in color. This Aster is the result of several years' work to complete the color series of our giant strain. We had all colors excepting the white, and the addition this year of this superb novelty completes the color series in a strain of Asters which we believe is second to none in the world today. The huge fluffy blossoms resemble Chrysanthemums more than Asters. The plants have the same non-lateral branching stem characteristic of others of this race. Price per packet 50c.

Asters

California Giant Peach Blossom (Curled and Interlaced). A magnificent new type with immense blossoms, the petals being curled and twisted after the style of the most ultra refined comet type, flowers borne erect on long stems, non-lateral branching in character. Per packet 25c.

California Giant Rose (Curled and Interlaced). A beautiful shade of rich dark rose, otherwise identical with the above. Per packet 25c.

California Giant Dark Purple (Curled and Interlaced). A fine companion to the foregoing, blossoms of immense size; petals beautifully curled and twisted. Per packet 25c.

California Giant Light Blue (Curled and Interlaced). A delightful shade of pure azure blue. A variety which bears flowers of mammoth proportions. Per packet 25c.

California Giant Peony flowered Peach Blossom (Incurved). A superb new color, flowers of enormous size, stems 18 to 24 inches long. Per packet 25c.

California Giant Peony, flowered Light Blue (Incurved). A magnificent shade of pure azure blue. Flowers from $4\frac{1}{2}$ to 5 inches in diameter. Per packet 25c.

Antirrhinum—Giant Salmon Pink

Among the various seed novelties which we have to offer for the current season, there are but few of more intrinsic merit than this superb new Antirrhinum or Snapdragon. The color is a grand shade of pure salmon pink, the blossoms of enormous size, densely placed on full rounded spikes. As a variety for cut flowers or for its value as a bedding plant, we consider this Antirrhinum as one of the finest introductions in its class in many a day. A bed of this in bloom arrests attention at once. It produces a brilliant show of color over a protracted period. Under artificial light as a cut flower this Antirrhinum is of superb value. There is a glow and life about it which easily places it in the front rank of flowers for cutting purposes.

We have only a limited stock to offer this season. Price per packet 50c.

H. & S. Prize Giant Antirrhinums

The value of Snapdragons as a plant for producing masses of color in the garden or when used for cut flower purposes is well known. The selections which we offer you are three colors of a giant strain which produce immense spikes of bloom with very large individual flowers in the spike. The plants when well grown attain a height of 3 feet and over. These varieties are exceedingly choice. Giant Yellow, Giant White and Giant Scarlet. Per packet 25c.

Calendula

Ball's Golden. A very fine type of Calendula, differing from our Orange King in that the flowers are lighter in color with somewhat longer stems. This Calendula is of special value for cutting purposes. Seeds may be sown during the Autumn for Winter and early Spring blooming or in the early Spring for Summer blooming. The blossoms are of very large size, very double with elegantly arranged petals. Per packet 25c.

Celosia—Giant Plumed

Howard & Smith Prize Golden Yellow. After several seasons of careful roguing we were able to fix a splendid deep golden yellow type of this useful Summer bedding plant. The spikes are large, bright in color, and are produced without intermission from early Summer to late Fall. This strain is going to prove of splendid value for bedding purposes and is equally adaptable for cut flower work. Price per packet 25c.

Howard & Smith Prize Mixed. A grand selection of feathered Coxcombs with massive plumes and excellent compact habit. We have been several seasons improving this strain and believe today it is equal or superior to any other strain on the market. The colors range from yellow through the intervening shades of rose, carmine, crimson and bronze. Price per packet 25c.

H. & S. New Giant Flowering Columbines

A grand strain of giant flowering, long spurred Columbines in a color series of matchless beauty. Columbines are splendid as cut flowers or for the production of masses of color in the garden. We have made a series of selections to color, and although not entirely fixed, a very high percentage will come true.

Blue. A splendid selection of all shades from light to dark blue. Flowers are long spurred and of large size. Packet 25c.

Pink. Contains the various tones from light pink to darkest rose. Very choice. Packet 25c.

Scarlet. We are able to offer seed for the first time of this splendid selection of scarlet colored Columbines. Blossoms range through all the colors of light scarlet, dark scarlet and crimson. A grand strain which comes nearly true from seed. Price per packet 25c.

Mixed. Including all shades from pure white to pink, rose, red, yellow, crimson, blue and various bi-colored flowers of superb quality and form. Packet 25c.



Cinerarias of our Prize Giant Flowered Strain as grown for seed at our Montebello nurseries.

Cinerarias—H. & S. Prize Mixed

Our strain of giant flowering Cinerarias is generally recognized as one of the finest in America. The plants are compact in their habit, the foliage is large and bold and is surmounted by trusses of glorious size and substance. Blossoms 4 to 4½ inches in diameter are quite common. The range of colors contained in the strain is unexcelled, running from purest white to darkest crimson, through all the intervening shades of purple, blue, lavender, indigo, rose, etc., with many handsome bi-colored flowers. Packet 50c.

Diascea Barbarae

A low-growing biennial plant from South Africa, bearing innumerable quantities of small salmon-colored blossoms. The engraving conveys a good impression of shape and size of the blossoms. The plants attain a height of some 12 inches and are literally smothered with their dainty salmon-colored flowers. A fine subject for beds or borders. Packet 25c.

New Giant Daisies

Bellis Perennis Monstrosa. A highly improved strain of Daisies, remarkable for their immense foliage and extra large flowers. Blossoms attain a diameter on well-grown plants of 2 inches and over and come true from seed. The value of Daisies for Spring bedding is well known and appreciated.

White. A pure snowy white of very large size. Packet 25c.

Rose. A dainty shade of pure rose. Packet 25c.

Rose Shaded White. Ground color rose, edges of all the petals being handsomely tipped pure white. Packet 25c.

Rosy White. A delicate combination of rose on a white ground. Packet 25c.

Digitalis—Foxgloves

The Shirley. A remarkable improvement in this old-fashioned plant may be found in this strain. They are the result of many years of careful reselection and are so much in advance of the older types, that there is practically no comparison in quality. The stems attain a height of 5 to 7 feet, that portion covered with flowers often reaching the remarkable length of 4 feet. The blossoms are of enormous size, ranging in color from pure white to deepest rose, while others are beautifully blotched and spotted dark maroon, crimson and chocolate. Price per packet 50c.

Gerbera—Transvaal Daisies

We were fortunate during the past season in being able to secure a fine lot of seed of these beautiful Transvaal Daisies. The strain includes all colors from pure white to darkest crimson, with all of the intervening shades of orange, yellow, pink, salmon, etc. These Gerberas are easily raised from seed and blossom the first season after sowing. As cut flowers they are unexcelled as they last over a week in water. An extra choice mixture, including all colors. Price per packet 50c.

Mignonette

The following are three extra good selections of these old-fashioned Annuals. The colors are distinct, the spikes of large size and deliciously fragrant.

Salmon Red. A splendid new shade. Packet 15c.

Golden Queen. A beautiful yellow. Packet 15c.

Goliath. As the name implies, a very large flowered Mignonette. Strong compact habit with rich dark green foliage. The giant trusses have a reddish cast. The color is very brilliant, somewhat deeper than the variety Machel. Packet 15c.

Myosotis—For-get-me-not

Indigo Blue. A charming new shade in forget-me-nots, the color being a beautiful shade of indigo. It is richer and darker than any other variety. Wonderfully effective as a bedding plant and of splendid value for cutting purposes. Packet 25c.



Diascea Barbarae

A Beautiful Strain of Double Perpetual Pinks

Dianthus Plumaria. A new strain of clove scented Pinks which originated in France. The blossoms are beautifully fringed, large in size and produced in endless profusion throughout the entire season. They are as deliciously scented as the old-fashioned clove pink, with the additional advantage that the flowering extends over a much greater period of time. Easily raised from seed and if sown early will blossom the same season. Quite hardy and should be planted in every garden. All colors mixed. Packet 25c.

Delphinium Elatum

Howard & Smith Prize Mixed Hybrids. A superb strain of the tall growing perennial Larkspur or Delphinium, the seed having been carefully saved from the very finest large flowered selected types. The seed we offer contains a high percentage of the lighter shades, with an absence of objectionable purples, etc. Shades of sky blue, turquoise, sapphire and similar shades predominate. Per packet 25c.

New Anemone Flowered Dahlias

We called your attention to this magnificent strain of Dahlias where the roots are offered on page 8. We wish to state that these Dahlias are also easily raised from seed and will produce a very high percentage of fine blooms, scarcely any two alike. A large number of plants are obtainable from a package of this seed. It has been carefully hand-picked from the very finest selected types and may be relied upon to produce fully 80 per cent true to character. A single packet of this seed will produce enough flowers for a large bed. They will bloom within a few months after sowing and will continue until the advent of Winter frosts, furnishing a wonderful display of splendid blooms for cutting purposes. We can strongly recommend this novelty to all of our customers. Per packet 25c.

Helichrysum Monstrosum

Coppery Red. A unique and new color in this well-known class of everlasting flowers. The flowers are very large, absolutely double and are a distinct shade of coppery red. Like other varieties of its class, the blossoms retain their full character and color months after being cut. Per packet 25c.

Heliopsis Scabra Zinniaflora

A few seasons ago there appeared in France some new hybrids of Heliopsis, which were sent out under the preceding name, the flowers being double or semi-double, similar to Zinnias in general shape and contour and a rich golden yellow color. These have since proven to be of splendid value for cut flower purposes. The plants attain a height of some 2 or 3 feet and blossom profusely throughout the Summer and Autumn months. They are easily raised from seed and will, we feel assured, prove a welcome addition to any garden. The plants are of perennial duration. We can thoroughly recommend them to our customers as one of the most meritorious plants of recent introduction. Per packet 25c.

Lobelia Pumila Oxonia

A splendid and highly desirable acquisition to the dwarf type of bedding Lobelia. The plants are even more compact and dwarf than the well-known variety Crystal Palace Compacta. The blossoms are very large, deep purple in color, the color being highly accentuated by a pure white eye. This variety will prove of superb effect in beds, borders, etc.; highly recommended. Per packet 25c.

Pansy—Orange King

A grand bedding pansy with medium size flowers. In color an intense shade of deep orange. As a bedding variety this pansy is without a peer. The effect of a bed in bloom is that of a mass of brilliant orange yellow. It comes nearly true from seed. A wonderful bedding pansy. Price per pkt. 50c.

Primula Obconica—Giant Flowered Hybrids

A grand strain of this lovely Winter blooming Primula. The seed offered has been carefully saved in our own greenhouses from the very finest types. The blossoms are of immense size and contain a diversified assortment of colors, ranging through all the shades of blue, carmine, crimson, etc. These Primulas are easily grown from seed, but require greenhouse or frame treatment for best results. Per packet 25c.

The New Queen Poppies

It is not often that we are able to present to our customers a strain of such exceptional merit as this superlatively beautiful New Queen Poppy. The tints and colors to be noted in this new strain simply beggar description. It is replete with shades of salmon, orange, satiny pink, peach blossom, soft orange scarlet, pure white, etc., with a total absence of the dark shades noted in the ordinary strain of Papaver Rhoeas wherein black blotches manifest themselves at the base of the petals, thereby destroying the delicate coloring which is to be noted in a strain where this effect is totally lacking. The shades noted in some of the flowers are as delicate and beautiful as are those to be seen in the finest grades of China silk.

Seeds of these Poppies may be sown any time after October; a last sowing may be made during the months of January and February, provided a constant display be desired. In cold sections of the country they may be sown as late as March. Price per packet, large size, 50c; small size 25c.



New Queen Poppy

Salpiglossis

Among the various free flowering Annuals there are but few more easily grown than Salpiglossis. During the past few years a number of fine strains have made their appearance, showing a great improvement both by way of color and size. A bed of these beautiful plants is one of the most striking features in any Summer or Autumn garden. The strain we offer you below represents the acme of perfection to which Salpiglossis have been brought at the present time. The blossoms are gloxina-shaped in form, with wide open throats.

Purple, Brown and Gold. A unique combination of colors. Packet 25c.

Giant Crimson. Dwarf, compact plants, bearing immense blooms. Packet 25c.

Lilac and Gold. A combination of two beautiful shades in a single flower. Packet 25c.

Purple. A wonderful shade of Elks' purple, bright and glossy. Packet 25c.

Crimson. A splendid shade of rich crimson. Packet 25c.

Blue and Gold. A delightful combination of colors. Packet 25c.

Mixed. All colors. Packet 25c.

Stocks

Mammoth Midnight. A beautiful and entirely new color in the Beauty of Nice type of Stock. In growth similar to Beauty of Nice, having the same tall branching habit which makes it especially valuable for cut flower purposes. It bears stems 15 to 18 inches long, well furnished with very large blooms of a dark maroon purple color. The blossoms are intensely fragrant. The seed of our strain will produce a high percentage of double flowers, although, as is common with all strains of Stocks, a certain number of singles are bound to appear. Highly recommended. Price per packet 25c.

Streptocarpus—New Giant Flowered English Hybrids

A superb new strain of Streptocarpus with an exceedingly wide range of colors. Lovely in shades of pink, mauve, lavender, pure white, deep rose and carmine; some with fine white throats, others daintly penciled. Flowers attain a diameter of 3 inches, are tubular in formation and more or less similar to Gloxinias in general appearance. This new strain will prove a grand pot plant for Winter flowering, the blossoms being produced over an exceedingly long period. Streptocarpus are easily raised from seed, but require cold frames or greenhouses for proper handling. The seed is very fine and should only be slightly covered when planted in the flats. Price per packet 50c.

Sweet William

Giant Auricula Eyed. A elegant strain of these old-fashioned biennials. It is remarkable for the immense size of the individual trusses and blooms. The center of the flowers are pure white zoned with various shades of crimson, pink, rose, etc., at the exterior. This particular selection of Sweet William is of French origin and is unquestionably one of the best which has yet come under our notice. Packet 25c.

Tithonia Speciosa

A remarkable new plant recently introduced from Mexico, bearing during Autumn immense quantities of beautiful orange red flowers, not unlike a single Zinnia. From seed sown in Spring splendid flowering specimens may be had during the following Autumn. Very useful for cut flower purposes. Per packet 25c.

Tritoma

Mixed Hybrids. Tritomas are easily raised from seed and we offer you in this mixture a selection of entirely new colors, ranging from pure yellow through all the various shades of scarlet, crimson, etc. Tritoma or red hot pokers, as they are commonly referred to, make exceedingly ornamental garden plants. The clumps increase in vigor and size season after season. The handsome torch-like flowers are of splendid value when used for indoor decorations. Price per packet 25c.



Type of flower of our new Pastel Shades of Zinnias.

Verbena

Snow Queen. A superb new, pure white Verbena of the mammoth flowered class, bearing immense trusses of bloom with very large individual florets. Good white Verbenas are comparatively scarce. We feel that this novelty will please the most exacting of our customers. Price per packet 25c.

Howard & Smith Prize Mixed. Verbenas are easily grown from seed and can be flowered within a comparatively short space of time after being planted out. The strain which we offer you is our own and from which we have raised such varieties as Crimson King, Scarlet Queen, etc. The trusses and individual florets are of immense size and contain a wide range of colors, including all shades from purest white to darkest crimson, with the intervening shades of pink, purple, rose, lilac, lavender, etc. For mixed bedding these Verbenas are of exceptional merit. Extra choice. Packet 25c.

Zinnias—New Pastel Shades

An especially fine selection in the giant flowered type of Zinnias which we are able to offer our customers this season in a highly perfected form. The strain is replete with exquisite shades of salmon rose, bright pink, burnt orange, cerise, etc., with a marked absence of objectionable shades of purple, magenta, etc. The blossoms are models as to form, the delicate colors obtainable give them special value for cut flower purposes. We believe this to be one of the finest strains of Zinnias ever offered the flower-loving public. Price per packet 25c.



New Dahlia Flowered Zinnias

Their shape reminds one more of a Dahlia than a Zinnia. The blossoms are simply enormous as to size, $5\frac{1}{2}$ to 6-inch blossoms being quite common. Plants are well branched, of sturdy growth and blossom without intermission from early Summer until late Autumn. They are invaluable for cutting purposes or for bright stretches of color in the garden. We direct our customers' attention to the fact that all the seed offered in these separate colors has been grown in blocks and carefully rogued as to type and color, but certain variations are bound to appear even though the greatest of care is used. Any color variations, however,

General Collection of Choice Flower Seeds

Acroclinium

A pretty annual flower, everlasting in quality. Very effective in borders during its blooming season, with the additional advantage of being valuable in a dry state for house decoration. Height, 15 inches. Double rose and double white. Packet 10c.

Ageratum

These are easily grown from seed and will flower freely the same season as sown. Withstands the hottest Summers, but will not stand frost to any extent. Spring sown seed blooms 8 to 10 weeks after sowing. Splendid for carpet bedding, edging or pot work. We offer you three good selections.

Nanum Compactum. Height, 10 inches; white. Packet 10c.

Deep Blue. A dwarf compact form. Fine for edgings. Packet 10c.

Mexicana. White, tall growing of branching habit. Height, 15 inches. Packet 10c.

Amaranthus Salicifolius

One of the handsomest of annual foliage plants. The foliage by way of color is a lovely combination of red and yellow, drooping in habit, and exceedingly effective when planted as an alternative with the ornamental varieties of Chilean Beet. Height, 2 feet. Packet 15c.

which might show in this seed will be in flowers of the same type, varying only in color, but equally as valuable for cutting.

FIVE MAGNIFICENT DAHLIA FLOWERED ZINNIAS.

Canary Bird. Bright canary yellow; otherwise similar in all respects to Golden State. Per packet 25c.

Crimson Monarch. A particularly bright and pleasing shade of chestnut crimson. A selection which bears flowers of mammoth proportions. Extra fine. Per Pkt. 25c.

Exquisite. A superb variety any way you take it, and all that its name implies. Color in the opening flowers a wonderful shade of bright Tyrian rose. Per packet 25c.

Golden State. Dark orange with a deeper colored center. Somewhat similar to Oriole in color, but the general effect of a bed is lighter in tone. Per packet 25c.

Oriole. A magnificent shade of tawny orange with the center of the flower a deeper shade. A replica of Exquisite as to size. This variety is well fixed. A superb variety. Per packet 25c.

Mixed. The colors contained in this mixture comprise all of the above varieties as well as others which are not yet sufficiently fixed to justify offering them under separate shades. They will prove highly satisfactory where a variety of color is desired and make a handsome showing. Per packet 25c.

SPECIAL OFFER—One package each of the above five named Giant Dahlia Flowered Zinnias, a grand assortment, for \$1.00.

Alyssum

An exceedingly free blooming dwarf annual, unexcelled for use as a ground cover. Also available for carpet bedding or for edgings.

Lilac Queen. An especially fine selection of this beautiful dwarf Alyssum in a pretty shade of pale lilac. The plants are compact growers and create a grand mass of color within a short space of time after planting. Pkt. 15c.

Little Gem. A pure white form of dwarf prostrate habit, similar to Lilac Queen in every respect save color. Packet 15c.

Anchusa

Italica (Dropmore Variety). A superb perennial plant which is easily raised from seed. The flowers are a beautiful shade of deep, rich blue. Borne in wonderful profusion on strong branching stems which attain a height of some 5 to 6 feet. Packets 25c.

Anchusa—Annual

A distinct new variety of great merit, bearing innumerable quantities of beautiful forget-me-not-like flowers, on strong branching plants. The color is a pure shade of forget-me-not blue, easily grown from seed and producing during the Summer and Autumn months a veritable sheet of color. Per packet 25c.

Antirrhinums—Snapdragons

We direct your attention to the extra fine quality of our various strains of Antirrhinums. These have been carefully grown at our Rivera seed farms and will be found quite true to color description. For planting out in herbaceous borders or for massing effects in shrubbery borders, Antirrhinums will be found particularly useful.

Antirrhinum Majus. The tall growing type, reaching a height of some 24 to 30 inches.

Firefly. Bright scarlet with white throat. Packet 15c.

Galathea. Deep crimson. Packet 15c.

Golden King. Superb golden yellow. Packet 15c.

Nobile. Purple with white throat. Packet 15c.

Queen Victoria. Snowy white. Packet 15c.

Purple King. Deep purple crimson. Packet 15c.

Mixed. All varieties of the above and other shades as well. Packet 15c.

Antirrhinum Nanum. The following are a splendid selection of semi-dwarf, giant flowering varieties, ranging in height from 18 to 24 inches:

Bonfire. Glowing orange scarlet. A wonderful shade. Packet 15c.

Amber Queen. A splendid shade of amber yellow. Packet 15c.

Cottage Maid. Pale pink with white throat. Packet 15c.

Crimson King. A splendid deep rich crimson. Packet 15c.

Faun. Terra cotta pink and pale yellow. Packet 15c.

Nanum mixed. A choice mixture of all the best semi-dwarf Antirrhinums. Packet 15c.

Arabis Alpina—Rock Cress

A handsome, hardy perennial plant, easy to raise from seed and one of the earliest and prettiest Spring flowers for the rockery or for borders. The spreading tuft-like plants are covered with pure white flowers. Height, 6 inches. Pkt. 10c.

Arctotis Grandis—African Daisy

Pearly white, daisy-like flowers, shaded with delicate mauve at the tips of the petals. There are few flowers grown more valuable for cutting purposes. The flowers last a week or 10 days after being cut. Height, 30 inches. Packet 10c.

Aubretia Graeca

A hardy perennial with deep mauve flowers. Used extensively for carpet bedding. It produces great masses of bloom and is a charming companion to yellow Alyssum or Blue Ageratum. Height 6 inches. Per packet 15c.

H. & S. Improved Camellia Flowered Balsam

A favorite old-fashioned annual, bearing large numbers of Camellia-like flowers on the various branching stems of the plants. Valuable for growing in pots for interior decoration or for planting in any sunny bed. Packets 15c.

Malmaison Pink. A lovely shade of brilliant pink.

Double White. Immense pure white flowers.

Salmon Rose. An exquisite shade of rich salmon.

Mixed. All colors.

Foliage or Bedding Beet

In England and on the Continent various ornamental varieties of beets are largely grown and are one of the most attractive of Summer bedding plants. There is nothing more showy than their brilliant and glossy vari-colored foliage.

Beet Chilian. Deep crimson. Height 24 inches. Packet 15c.

Beet Crimson, Willow Leaved. Graceful, irregularly formed foliage. Height 30 inches. Packet 15c.

Begonias

As bedding plants Begonias rank with Geraniums and Coleus. The varieties we offer you are of the semperflorens type. They succeed as well in the sun as in the shade.

Begonia semperflorens, mixed. All colors, from purest white to darkest crimson. Height 10 inches. Packet 15c.



Calendula—Orange King

Calendula—Pot Marigold

It has only been since the introduction of splendid improved types of these old-fashioned Marigolds that their value began to be appreciated. They thrive well in any good garden soil, and will stand several degrees of frost without injury. Our selection of these is exceedingly fine. The stems are long and flowers large and quite double. Fine for cutting. Packet 10c.

Orange King. One of the best. Extra large, deep orange colored flowers.

Lemon Queen. Color a rich, bright yellow.

Mixed. All colors.

Calliopsis

Showy and beautiful free flowering annuals, of the easiest possible cultivation. They do well in any sunny position and are splendid for massing or for cut purposes. Packet 10c.

Drummondii, Golden Wave. Rich orange yellow with brown eye. Height 18 inches.

Crimson King. Velvety crimson, 9 inches high.

Annual Mixed. A superb mixture, including all shades of colors and combinations of colors, in brown, golden yellow, etc.

Campanula

Carpatia White. One of the daintiest of the family. An exquisite bell flower of low prostrate growth, bearing a wonderful profusion of pure white flowers in early Spring. Valuable for rockeries or as a basket plant. Packet 15c.

Carpatia Blue. Identical with the white form and quite as free flowering, bearing enormous quantities of beautiful bell-shaped, deep blue flowers. Packet 15c.

Candytuft

Giant Hyacinth flowered white. The largest and best white grown. Our selection of this is extra choice. Packet 15c.

Carmine. An attractive shade of carmine. Packet 10c.

Flesh Pink. A pretty shade of pale pink. Packet 10c.

Lilac. Clear mauve or lilac blooms. Packet 10c.

Mixed. All colors. Packet 10c.

Carnation—Marguerite

The most popular of all early flowered strains of carnations, flowering within six months from the date of sowing of seed. The flowers are deeply fringed, intensely fragrant and very free blooming. Our strain may be relied upon to produce not less than 80 per cent of double flowers. Per packet 15c.

Centaurea Imperialis—Giant Sweet Sultan

A highly improved strain of *Centaureas*, with flowers of magnificent size and a wide range of colors. Being good keepers in water, they are much prized as cut flowers. The distinctive character and informal shape of the blossoms add a grace and charm distinct from all other cultivated plants. Height 30 inches.

Imperialis White. Extra large. Packet 15c.

Imperialis Rose, Dark Purple, Lilac, Mixed. Each per packet 15c.

Suaevolens (Yellow Sweet Sultan). Like *Centaurea Imperialis* in general formation of bloom, but with flowers of a lovely, pure, rich yellow. Packet 15c.

Centaurea Cyanus—Cornflower

An old well-known favorite. Greatly prized for cutting purposes. We call special attention to our double blue. This variety will produce 50 to 70 per cent of double blooms, the flowers being much larger than the old single type.

Double blue. Packet 15c.

Single blue. Height 2 feet. Packet 10c.

Double Mixed. Contains various colors of double flowers. Packet 15c.

Centaurea

Candidissima (Dusty Miller). One of the handsomest of all dwarf bedding plants. Our selection of this particular variety is one of unsurpassed quality. The foliage is a uniform beautiful silvery white, and the plants are as even in growth as though they were sheared. Height 12 inches. Highly recommended for bedding or for edging purposes. Packet 15c.

Celosia Childsii

A splendid subject in annual flowers. Belongs to the Cockscomb family and differs from the ordinary Cockscomb or pyramidal flowered *Celosia* in that the inflorescence occurs in a ball-shaped form. The color is dark crimson. Heads of bloom are 4 or 5 inches in diameter and freely produced on stout branching compact plants. - Packet 15c.

Celosia Cristata—Cockscomb

An old-fashioned favorite, much prized for bedding. Is equally valuable for growing in pots for interior decoration. The seed we offer has been saved exclusively from large, well-formed combs.

Giant Crimson. A grand strain with immense, perfectly-formed combs, borne on plants which attain a height of 3 feet. Packet 25c.

Dwarf Empress. Large and perfect combs. Deep crimson color. Very choice. Height 9 inches. Packet 15c.

Chrysanthemum—Inodorum Snowball

Inodorum Snowball. A handsome new annual *Chrysanthemum*, bearing quantities of double snow white flowers, 2 inches across. Foliage is fern-like in appearance, being deeply lacinated and offering a beautiful foil to the well-poised flowers. Highly recommended as a cut flower, especially where used in mixed bouquets. Per packet 15c.

Didiscus Coerulea

A handsome annual plant of fine growth, bearing heads of bright sky blue flowers. Blue flowers are scarce in Nature, which gives this plant an additional value. It blossoms profusely during the Summer and Autumn months; it is easily raised from seed, and is of splendid value either as a cut flower or when used as a bedding plant in the garden. Price per packet 25c.

Canterbury Bells

These favorite old-fashioned flowers thrive well in all sections of the country. Our strain of the *Calycanthema* or cup and saucer type is an exceedingly fine one. They come almost type to type, each blossom having its well-defined cup and saucer form of bloom.

Calycanthema (Cup and Saucer Type). White, blue, bright rose, lavender or all colors mixed. Each, packet 15c.

Single Varieties. A selection of clean and decided colors. White, rose, blue, mauve and mixed. Each, packet 15c.

Chrysanthemums—Annual Varieties

Carinatum Double White. A splendid double white form of the annual *Chrysanthemums*, with large, well-formed blossoms, double to the center. Splendid for cut flowers, ideal for Summer and Autumn bedding. Packet 15c.

Carinatum Double Red. A handsome companion to the above with flowers of similar shape and size, but a distinct shade of brownish red in color. Packet 15c.

Star of the East. A handsome single bi-color variety with brown, yellow and pale lemon-colored blooms. Packet 15c.

Clarkia

An old-fashioned annual which has been greatly improved during recent years. The long slender racemes of flowers are excellent for cutting purposes. They last well in water and give a wonderful show of color in the garden. The following are among the best. Each, per packet 15c.

Double Rose. A distinct shade of deep rose.

Vesuvius. Rich, fiery red. Very bright.

Scarlet Queen. Bright scarlet

Purple King. Splendid deep, rich purple flowers.

Salmon Queen. An exquisite shade of pure salmon.

Alba. The best pure white.

Mixed. All colors.

Cobaea Scandens

An elegant vine of very rapid growth, which can be easily raised and flowered from seed the same season. The flowers are quite large, about 3 inches across, and in shape not unlike those of the Canterbury Bells. It has handsome bronzy foliage and is remarkable for its rapid growth, which makes it particularly adaptable for quick work in covering fences, pergolas, etc. Seed should be sown in early Spring for flowering the following Summer. Highly recommended as a shade producing vine. Packet 15c.

Coreopsis Grandiflora

A hardy perennial bearing masses of golden yellow flowers, throughout the major portion of the year. Splendid for cutting. Height 30 inches. Packet 15c.

Delphinium—Perennial Larkspur

Shades of blue are exceedingly scarce in flowers, yet there is scarcely a shade which cannot be found in a good strain of choice perennial Larkspurs. Our seed of this particular strain is saved from a magnificent collection—one of absolutely unexcelled quality. A few of the shades to be noted in the mixture are sapphire, turquoise, gentian, sky blue, etc. As back row flowers in the herbaceous border they are well nigh indispensable. In English gardens they are invariably the most conspicuous and highly prized amongst herbaceous plants. Packet 25c.

Belladonna. A splendid variety of perennial *Delphinium*. The flowers are an exquisite shade of sky blue, and are borne on long, wiry stems, which makes them particularly valuable

for cutting purposes. This variety blooms without intermission from early Spring until late Autumn, and the clumps last from season to season, as it is a true perennial. Packet 25c.

Blue Butterfly (Annual). A handsome annual variety which attains a height of some 18 inches. The flowers are a rich, bright blue in color; grows easily from seed and blooms within a comparatively short space of time after sowing. Packet 15c.

Azure Fairy. A dainty dwarf annual Delphinium; a fine companion to Blue Butterfly. Flowers are a distinct shade of azure blue. The plants attain a height of about one foot and blossom from early Spring until late Autumn. Packet 25c.

Cosmos

Favorite Summer and Autumn flowering annuals, producing an endless succession of flowers over an extended period. The strains we offer are the finest procurable, with blooms of exceedingly large size, and a very fine selection of colors. We call your special attention to the new double types.

Klondyke. Handsome, large, orange-colored blooms. Should be planted early, as it invariably flowers late in Autumn. Packet 10c.

New Double Mixed. Beautifully formed blooms, having a cushion-like center of short florets, not unlike in many respects the Anemone flowered Chrysanthemums. The plants are very free blooming and will produce about 70 to 80 per cent of double flowers. All colors mixed, including white, crimson rose, pink, etc. Packet 25c.

Lady Lenox. Bright rose. One of the new mammoth types. Packet 15c.

Lady Lenox White. Large, pure white. Packet 15c.

Mammoth, Early Flowered. Crimson, rose, white and mixed. Packet 15c.

Dahlias

Although it is not commonly known, Dahlias can be easily raised from seed and flowered the same season during which the seed is sown. During the past year we harvested a small quantity of seed from some of our very finest shy seeding named varieties. Seed may be sown at any time during February, March or April, and a bountiful crop of bloom may be assured during September, October and November.

Howard & Smith Mixture. Contains a splendid collection of the very choicest large flowering types, including Cactus, Decorative, Peony flowered varieties. Packet 15c.

Dimorphotheca

A comparatively new annual from South Africa, producing an abundance of daisy-like flowers, some 2½ inches across. Blossoms within a few weeks after sowing. Height 12 inches.

Aurantiaca. Rich glittering orange, with brownish disc at center of bloom. Packet 10c.

Aurantiaca hybrids. Extra choice. A new series of hybrids offering a unique assortment of shades extending from the purest white through tints of orange, yellow, red, salmon. Packet 15c.

Dianthus—Annual Pink

Although usually treated as annuals, these Dianthus are really biennial in character and will flower again the second year if not killed during the Winter.

Superbissima. A splendid strain of annual pinks, with deep fringed and ruffled blossoms. Flowers exceedingly large, and with a wide assortment of colors. Undoubtedly the finest strain of single Dianthus in existence. Packet 15c.

Diadematus (Double). The beautiful diadem pink. Colors rich and varied, including mottled and marked varieties. Packet 15c.

Eupatorium

Fraseri. A splendid perennial plant covered during the latter portion of the year with hundreds of snow-white flowers. They resemble in many respects giant Ageratums, of splendid value for cutting purposes. Packet 15c.



Double Cosmos

Digitalis—Foxgloves

Handsome, hardy plants of sturdy growth, succeeding under the most adverse conditions. Spikes 4 to 5 feet high, with giant flowers in all shades of color. Unequaled for naturalizing in shrubberies at the edge of woods or other half shady places. Packet 15c.

Gloxinia Flowered White. A splendid shade of deep rose flowers.

Gloxinia Flowered Rose. A splendid shade of deep rose.

Gloxinia Flowered Purple. A rich shade of deep purple.

Gloxinia Flowered. Mixed colors. Giant flowers, spotted and shaped like Gloxinias.

Ivery's Spotted. Like the former, but with more conspicuous spots.

Eschscholtzia—California Poppy

Giant Orange Scarlet. A remarkable selection and without question one of the handsomest of all types of California Poppies. Blooms exceedingly large. In color a luminous shade of rich orange scarlet. Packet 25c.

Golden West. Enormous flowers. Deep rich yellow with an intense orange colored center. Packet 10c.

Carmine King. Flowers a distinct shade of bright carmine rose. Extra good. Packet 10c.

White. A good selection, creamy white flowers. Packet 10c.

Godetias

A showy class of annuals with large variously colored flowers, producing a constant blaze of color in the garden over a long period of time. Nothing is more conspicuous than a clump of well-grown Godetias.

Crimson Glow. Dark, fiery crimson. Packet 10c.

Double Mauve. A good, even shade of mauve. Packet 10c.

Double Rose. Deep, rich rose. Extra fine. Packet 15c.

Duchess of Albany. Elegant silvery white. Packet 10c.

Mixed. All colors. Packet 10c.

Geum—"Mrs. Bradshaw"

A recent introduction and one of the most meritorious additions to perennial plants in a long time. The flowers are large, quite double and of the brightest possible scarlet. Invaluable for cut flower purposes. Height 18 inches. Packet 25c.

Gaillardia

The ease with which Gaillardias may be grown from seed, their extreme hardiness, brilliant and unique colors to be noted in the blossoms, places them in the front rank of hardy plants. We call your particular attention to our strain of giant flowering Gaillardias. The blossoms are of mammoth size, and include all the various colors and combinations of colors. If you want something for cutting purposes make a sowing of these.

Gaillardia grandiflora (Howard & Smith). A strain of exceedingly fine quality. Hardy perennial. Giant flowers. Choice mixed. Packet 15c.

Lorenziana. Annual. Large double flowers in a splendid assortment of colors. Packet 10c.

The Bride. A splendid selection of the *Lorenziana* type of Gaillardias, bearing large quantities of creamy white flowers. Fine for cutting. Packet 15c.

Gypsophila

Although the flowers of Gypsophila in themselves are somewhat insignificant in character, they tend to give a beautiful and feathery effect to flower arrangements of all kinds. The blossoms are produced in panicles. The individual flowers are quite small, but are produced in great abundance. As a decorative accompaniment to sweet peas, carnations, etc., they are unequalled.

Elegans grandiflora (Annual). Large flowered, pure white form. Can be flowered from seed within a few weeks after sowing. Packet 10c.

Paniculata. Hardy perennial variety. Smaller flowers than *grandiflora*, but equally valuable for cut flower purposes. Packet 15c.

Helichrysum—Straw Flower

A well-known class of everlasting flowers which are prized not only for their value as plants in the garden, but for their use as cut flowers for Winter decorative purposes. The flowers after being cut retain their color and form without fading. We offer this season a very fine strain of the *Monstrosum* type. The flowers are of gigantic size, the colors rich and varied. Packet 15c.

Monstrosum. Very large flowered, pure white.

Monstrosum Yellow. A handsome shade of golden yellow.

Monstrosum Salmon Red. A unique shade of rich salmon red.

Monstrosum Rose. Deep bright rose.

Monstrosum Purple. A distinct shade of dark purple.

Monstrosum Mixed. All colors.

Heliotrope

The seed we offer of this popular favorite has been carefully saved from the very finest named varieties. It is nothing unusual for the plants to bear heads fully 12 inches in diameter, produced on compact growing plants. Seed sown in early Spring will produce full grown plants for July blooming. They can be lifted in the Autumn and used as pot plants during Winter in cold sections. Height 15 to 18 inches.

Leur d'Opale. Giant lavender blue. Packet 25c.

Centefleur. Giant dark blue. Packet 25c.

Hollyhocks

A superb strain of the finest types of double Hollyhocks extant, in clean, decided colors. A sowing made in early Spring will flower with good cultivation during the ensuing Summer and Autumn. There is nothing more attractive as back row plants than Hollyhocks. Packet 15c.

Pure White, Newport Pink, Rose, Cherry Red, Yellow.

Faust. Flowers almost pure black. *Mixed*. All colors.

Single Allegheny. A remarkably free flowering strain of Hollyhocks, with semi-double or single flowers. Many of the blossoms are beautifully fringed with the edges of the petals handsomely undulated. Packet 15c.

Hunnemannia—Mexican Poppy

Fumariaefolia. A native Mexican poppy of exceeding grace and beauty. The flowers are a beautiful deep lemon yellow and are produced in wonderful profusion. One of the best of all for cut flower purposes. Packet 10c.

Linaria Marocana

Excelsa Hybrids. A splendid strain of dwarf Linarias containing a wonderful range of colors. The flowers are quite small, borne in dense masses on slender stems, making, when in full bloom, veritable masses of color. They are of exquisite effect when used in beds or borders. Packet 15c.

Linum

Grandiflora Rubrum. An elegant free flowering, hardy annual, easily raised from seed. Its brilliant scarlet flowers attract the attention at once. Height 12 inches. Packet 10c.

Lobelia

Highly desirable for edgings, ribbon bordering as well as for pot culture. The plants are easily raised from seed, and during the flowering period are covered with a sheet of bloom.

Crystal Palace Gem. Dark Blue. Packet 15c.

Larkspur—Annual

The annual Delphiniums or Larkspurs, as they are commonly called, are quite hardy and produce over a long period splendid spikes of bloom of exceedingly graceful and attractive appearance. The taller varieties are suitable for mass effects in borders, while the dwarf strains are splendid as bedding plants. A bed of the various shades lends a charming effect to any garden. Packet 10c.

Giant Stock Flowered. A tall growing strain, with splendid spikes of bloom. Height 2 to 3 feet.

Pure White, Delicate Flesh, Dark Rose, Lilac, Dark Blue, Mixed. All varieties.

Lupins—New Hardy Hybrids

The hardiness of various perennial Lupins and their adaptability to so many purposes in garden ornamentation makes them an exceedingly valuable all-around purpose plant. The flowers are delicately scented and the handsome spikes are produced throughout a long season.

Polyphyllus. A splendid mixture containing colors of white, rose, blue, lilac, etc. Packet 15c.

Marigold

The various types of Marigolds, including African and French varieties, are old favorite, free flowering annuals of easy culture. The African sorts produce giant double flowers 3 to 4 inches in diameter. The French types are of more compact growth with double flowers variously blotched and marked in shades of maroon, brown, yellow, etc. We particularly recommend our strain of tall African Marigolds, and believe they cannot be excelled.

African Marigold. Tall, lemon, orange or mixed. Packet 10c.

Legion of Honor. A splendid dwarf Marigold belonging to the French class. The plants attain a height of some 9 to 12 inches. Flowers are beautifully marked with gold and brown and are produced in such quantities as to completely cover the plant. An ideal subject planted in solid mass effect or for borders, etc. Packet 10c.

French Giant Striped Grandiflora Mixed. A splendid selection of the striped *Grandiflora* class. Flowers vary in color through shades of brown, yellow, etc. Packet 15c.

Mignonette

A few plants of these scent the whole garden with their delicate fragrance. Sow in drills, as the seedlings do not transplant readily. Thin the seedlings when 1 or 2 inches high to 1 foot apart. Cover the seed one-eighth of an inch deep with finely sifted soil. Height 12 inches. Packet 10c.

Sweet Scented. The old-fashioned variety, very fragrant.

Machet. Large flowers with a delicious odor.

Victoria. Spikes of crimson flowers.

Myosotis—For-get-me-nots

Among the various flowers of early Spring there are few more appreciated than the various types of Forget-me-nots. All the colors are beautiful, from the pale blue of the *Dissitiflora* type to the deep blue *Alpestris* and the white and various rose-colored shades. Height 10 inches. Packets 15c.

- Dissitiflora*. A magnificent pale sky blue Forget-me-not.
Alpestris, Blue. A lovely shade of deepest blue.
Alpestris, White. A pure white.
Alpestris, Rose. A handsome shade of light rose.

Nemesia Strumosa

Blue Gem. A dainty dwarf Nemesia bearing masses of deep blue flowers. Our selection of this is a very good one. The plants are compact in habit and fine for Summer bedding. Packet 25c.

Nasturtiums

For duration of bloom, ease of culture and brilliancy of their blooms, nothing can excel these old-fashioned favorites. The varieties which we offer you are among the best. Packets 10c.

DWARF OR BEDDING VARIETIES

- Crystal Palace Gem*. Orange yellow, garnet blotches.
Chameleon. A charming variety with variously colored flowers on the same plant.
Cloth of Gold. Yellow foliage, scarlet flowers.
Empress of India. A rich, deep crimson.
Golden King. Superb golden yellow.
King of Tom Thumb. Scarlet with dark foliage.
King Theodore. Crimson maroon.
Pearl. Creamy white. *Rose*. Delicate rose.
Bronze. Burnished red. *Vesuvius*. Rich apricot.
Dwarf Mixed. Including all of the above varieties in a well-balanced mixture.

TALL OR CLIMBING VARIETIES

- Chameleon*. A charming variety with variously colored flowers on one plant.
Dunnett's Orange. Pure, rich orange.
Gold Garnet. Orange yellow with garnet blotches.
King Theodore. Crimson maroon.
Prince Henry. Pale yellow with carmine blotches.
Rose. A splendid selection of this desirable color.
Scarlet. An intense brilliant scarlet.
Pearl. Creamy white. *Ruby*. Bright ruby red.
Vesuvius. Rich apricot. *Mixed*. All colors.

Papaver Nudicaule—Iceland Poppy

A hardy perennial of delicate and refined beauty and which deserves greater recognition than it ordinarily receives. They succeed well in the colder sections of the country. They thrive in California in a semi-shady location. The plants retain their foliage all Winter and come into bloom early in Spring.

Mixed. All colors, including white, yellow, orange, red, etc. Packet 15c.

Papaver Rhoëas—The Poppy of Flanders Field

A common field poppy of northern France. A wild flower which will ever serve to commemorate the heroic dead of Flanders Field. Can be sown in the Spring for blooming the following Summer. Produces a mass of deep scarlet flowers, handsomely blotched with black at the base of the petals. Price per packet 25c.

Petunias

Howard & Smith *Giant Fringed and Ruffled Mixed*. Our own mammoth strain of Petunias, the flowers being distinctly frilled and ruffled. Packet 25c.

New Balcony Petunias

For parkway planting or solid beds in the garden these Petunias will produce an unbroken display of color from early Spring until late Autumn.

- Balcony White*. Pure snowy white. Packet 25c.
Balcony Rose. A splendid shade of rich rose. Packet 25c.



Annual Phlox Fireball

Phlox—Annual

The flowers of annual Phlox may now be had as large as those of the perennial border species, with even a better and more varied range of colors. Phlox, as a general thing, withstands much rough treatment. They will grow and bloom freely under the harshest conditions. In gardens where masses of bloom are desired, nothing can equal a good strain of Phlox.

Grandiflora Mixed. Contains a wide range of colors. An exceedingly choice strain. Height 12 inches. Packet 15c.

Nana Compacta Fireball. The handsomest dwarf bedding Phlox in existence. Deep red. Height 8 inches. Packet 15c.

Nana Compacta Snowball. Pure white dwarf Phlox. A fine companion to the above. Packet 15c.

Polyanthus

These are often referred to as Primroses. They produce immense quantities of brilliantly-colored heads of bloom in early Spring. They are particularly suited for shady borders or may be grown as pot plants for interior or window decoration. Height 9 to 10 inches.

Choice Mixed. Containing a well-balanced mixture of white, yellow, bronze, red, etc. Packet 25c.

Double Shirley Poppies

One of the most valuable introductions by way of a new strain of annuals to be noted in a long time. The beauty of the well-known single type of Shirley Poppy is even accentuated in this wonderful new strain of doubles. It contains a remarkable assortment of colors with beautifully frilled and undulated petals. It is a strain we recommend all of our customers to try, for we are certain they will be more than pleased with the result. Packet 25c.

Re-selected Shirley. A superb strain containing all shades of colors from purest white through the various shades of pink, salmon, rose, maize, etc. Scarcely any two of the blooms are alike. Packet 15c.

Carnation Flowered, Mixed. Splendid double fringed blossoms. Packet 10c.

Paeony Flowered, Mixed. Large double paeony-like flowers; well adapted for planting in beds or borders, etc. Packet 10c.



Scabious—Large Flowered

Portulaca

A splendid class of hardy annuals, delighting in an exposed, sunny situation, preferably in soil of a somewhat light character. For parkings, beds, edgings or rock work Portulacas are admirably adapted. The seed we offer you is selected California-grown stock that will give you a high percentage of germination and a splendid assortment of color.

Double Varieties. A fine strain which produces a high percentage of beautiful double blossoms. Yellow, scarlet, white and mixed. Packet 15c.

Single Varieties. Scarlet yellow, pink, dark rose and mixed. Packet 15c.

Pyrethrum Aureum (Golden Feather)

A well-known plant extensively used for edging and carpet bedding. The foliage is bright yellow and fern-like in character. Very easily raised from seed. Height 6 to 8 inches. Packet 10c.

Ricinus—Castor Oil Bean

Splendid tropical effects may be had with the various types of this plant. The foliage is large and growth exceedingly rapid. A plant in full perfection is luxuriant to a degree.

Zanzibariensis. Leaves exceedingly large, stems generally red. The best class for ornamental bedding. Packet 10c.

Schizanthus

One of the prettiest of half-hardy annuals and amenable to a variety of uses. In a climate similar to that of Southern California it makes an ideal bedding plant, planted right out in the open. It can be grown in pots in greenhouses and brought into bloom during Winter and Spring when flowers are exceedingly scarce. A single package of seed will produce a large number of plants and furnish an abundant variety of flowers.

Wisetonensis. Undoubtedly one of the finest strains in existence. Highly improved over ordinary stocks. Pkt. 15c.

Statice

Aside from the value of Statice as plants for the border, they furnish an abundance of cut flowers which are of great value for mixing with bouquets. The blooms may also be dried and used in Winter bouquets. They retain their color perfectly in a dry state. They do best in a rather sunny location. Packets 15c.

Sinuata Blue. Height 18 inches.

Sinuata White. Height 18 inches.

Sinuata Mixed. White, lavender, blue, etc.

Latifolia. Splendid hardy perennial with immense panicles of small lavender blue flowers. An ideal subject for mixing with carnations, roses, etc. Not unlike Gypsophila in general appearance. Height two feet.

Suworowii. One of the handsomest of all the Statice family. The flowers are freely produced and are of great value for winter bouquets.

Scabious

The large size and the varied colors of the blooms, ranging from white to pink, cherry red and blue, etc., render Scabious very desirable for bouquets, etc. Seed sown early in boxes and transplanted to the open ground will make a bright display during Spring and Summer. Height three to four feet. Packet 15c.

Aure Fairy. An exquisite shade of lavender blue.

Black Prince. Deep maroon red, almost black.

Double Crimson. Rich, bright crimson.

Double White. Splendid double white.

Double Flesh Pink. A dainty shade of flesh.

Double Rose. Deep rich rose.

Double Mixed. An assortment of all colors.

Stocks

No Spring garden can be considered complete without some of these showy annuals. The seeds we offer are saved from our own giant strains and will produce a high percentage of choice double blooms. It should be borne in mind that stock seed is only saved from the single flowers, as the double flowers are absolutely sterile, the result being that there is always a percentage of singles in even strains of the highest quality. The percentage of doubles varies considerably in the different colors, but fully 60 to 70 per cent of fine double blooms may be depended upon from our seed. Height 18 in.

Giant Beauty of Nice Type. Pink, white, light blue, purple, flesh, carmine, crimson, canary yellow and mixed. Pkt. 15c.

Sweet William

One of the most highly esteemed of all hardy garden plants. They are not only of easy culture, thriving in any garden soil, but produce a wonderful show of color each succeeding Spring. Although the plants last over two seasons, it is generally advisable to make a fresh sowing each Spring for blossoming the following year. Height 12 inches. Packet 15c.

Pink Beauty. Single. Beautiful pure pink.

Harlequin. Unique owing to the fact that it bears a number of different colored blooms on the same plant.

New Annual. A new strain bearing large heads of bloom and flowering the same season the seed is sown. It may be depended upon to blossom within 90 to 120 days after sowing.

Sweet Peas

Do not fail to make a sowing of these superb Spring and Summer blooming Sweet Peas. They begin to blossom when 4 feet high and furnish a continuous display of flowers over a protracted period. In warm sections, where desired for Winter blooming, they should be sown in August or September. In colder sections they may be sown as soon as Spring breaks for flowering the following Summer. The seed we offer has been saved exclusively from the best selected types of Spencer blooms. It is hand picked, plump, bound to germinate and bound to give satisfaction.

Aurora. White, beautifully striped with orange.

Blue Bird. Violet blue. A deep, well decided color.

Congo. A distinct shade of glowing reddish maroon.

Early King. A giant flowering beautifully waved crimson flower.

Enchantress. An exquisite shade of bright rosy pink shading deeper at the edge of the petals.

Glitters. Bright fiery orange salmon. A glorious new Sweet Pea.

Gorgeous. An exquisite shade of soft salmon rose, in cold weather turning to cerise. Very long stems.

Pink and White. Standards bright rosy pink with creamy white wings, lightly suffused with rose.

Lavender King. A delicate shade of deep lavender. Uniform in color throughout the entire flower.

Maroon Prince. Dark maroon crimson, very fine.

Snowstorm. Dainty pure white with large fluffy blossoms.

Splendor. A delightful shade of bright rosy crimson.

Warbler. A splendid shade of deep purple.

Yarrowa. Splendid bright rosy pink tinted with cream at the base of the petals.

Price, liberal packages of any of the foregoing varieties, each 25c.

SPECIAL OFFER—6 packages of the above Sweet Peas, your selection, for \$1.25. Complete collection of 14 varieties for \$2.

Valerian

Large showy perennial plants, producing large corymbs of red or white flowers. Particularly valuable for the herbaceous borders. They also make good cut flowers. Height 2 feet.

Rubrum. Red. Packet 10c.

Alba. White. Packet 10c.

Viola Papilio

A handsome light blue bedding Viola, a variety which comes nearly true from seed and bears during the Autumn, Winter and Spring months, masses of medium size flowers. Although this Viola is not as large as many pansies it more than makes up for its deficiency in this respect by its remarkable production of blooms. From seed sown in July or August, the plants will produce a carpet of flowers from November to May. Per packet 25c.

Wallflowers

New early flowering varieties which can be treated as annuals. If sown early in seed beds, will bloom freely during the coming Summer and Autumn.

Early Paris Market. Light brown. Packet 15c.

Golden Gem. Bright golden yellow. Packet 15c.

Blood Red. Packet 15c.

Zinnias

This is one of our leading specialties and without hesitation we recommend it as being one of the very finest strains in the country. We have spent over ten years in the improvement of these Zinnias. Each year selections have been carefully made and at the present time the strain may well be regarded as perfect. Flowers four to five inches in diameter and two to three inches deep are not uncommon on well-grown plants. We strongly recommend our Eastern friends to make a trial of our seed and feel certain they will be more than pleased with the results obtained from them. Height, three feet. Packet 15c.

Howard & Smith Prize Scarlet. Rich glowing scarlet.

Howard & Smith Prize Crimson. Bright rich crimson.

Howard & Smith Prize Sulphur Yellow. A dainty shade of light yellow.

Howard & Smith Pink Shades. Containing shades of rose, salmon and pink.

Howard & Smith Prize Golden Yellow. A vivid shade of deep rich yellow.

Howard & Smith Prize White. Pure white.

SPECIAL OFFER: One each of the above varieties, which will produce a veritable wealth of beauty and color, for 75c.



Sweet Pea Glitters—A charming shade of Orange Salmon.

Decorative Plants

Asparagus

Plumosus Nanus. Equal to the finest ferns in the point of beauty and easily grown. It does well planted in a shady north border, and produces large quantities of delicate fronds, which are of great value for mixing with bouquets. 3-inch pots each 25c; 5-inch pots 75c.

Scandens Deflexus. A rare and but little known species, which in our opinion is most beautiful of all. It is of compact trailing habit, much of the same character as *Asparagus Sprengeri*, but with dense pale green foliage. Of unsurpassed beauty in hanging baskets, pots, etc. Price, strong plants in 3-inch pots, each 35c.

Sprengeri. One of the best known and hardiest varieties of asparagus. It may be grown either in pots of hanging baskets, and will stand either full sun or partial shade. 6-inch pots, each 75c.

Aspidistra

Lurida. For hardiness, beauty and general utility as a decorative specimen, the *Aspidistra* may well be regarded as one of the best of all. It will thrive for months in a room where little light reaches it. It does equally well as a shady porch plant and may be used with excellent effect planted in a cool, shady border with ferns and other plants of kindred character. 6-inch pots, each \$1.50; 8-inch pots, \$3.00; 13-inch pans, \$4.00 and \$5.00 each.

Beaucarnea

Recurvata. A decorative plant of unique character; native of the highland parts of Mexico. A peculiarity of this plant is the large round tuberous-like growth which forms at the base of the stem; in old specimens this increases to two or three feet in diameter. The foliage is long, narrow and gracefully arched, producing a specimen of very ornamental character. It may be used as a pot plant indoors and out. Price, strong plants 18 inches to 2 feet high, each \$3.50.

Pandanus

Veitchi. One of the choicest of all interior decorative plants. The long leaves are gracefully curved and are beautifully striped their entire length with creamy white and green. This plant requires a warm sunny room or conservatory; it will not stand a low temperature. Price, strong plants in 5-inch pots, each \$3.00.

Ferns

Adiantum

Cuneatum. The true Maiden-Hair Fern and the best of all *Adiantums*. It requires either house or conservatory culture, being a tender species. The cut fronds are largely used in bouquets. Young plants each 25c; per dozen \$2.00. Specimen plants each \$1.50.

Cyrtomium

Falcatum. Sometimes called the Holly Fern. An elegant hardy species, with broad palmate pinnae of a deep glossy green color. Each 35c.

Sword Fern

Bostoniensis. The well-known Boston Fern. Taken in all its points, the most useful of all species and probably the most largely grown. Our stock which comprises several thousand plants, is especially fine this season. 5-inch pots, each 75c; 6-inch pots, \$1.25.

Piersoni. Commonly known as the Ostrich Plume Fern. A sport from the well-known Boston Fern, with the pinnae again subdivided and each having the appearance of a miniature leaf. 5-inch pots 75c.

Exaltata. The old-fashioned Sword fern. Beautiful in shaded rockeries, ferneries, etc. Leaves long, narrow and quite upright in style of growth. Each 15c, per dozen \$1.50. From 3-inch pots 35c; 5-inch pots each 75c.

NOTE: In addition to the species above described, we have stocks, and can supply at all times, the best various hardy species of our native California Ferns, such as the *Adiantums*, *Woodwardias*, *Pteris*, etc. They are splendid subjects for naturalizing in shady nooks, ferneries, etc.

Palms

Chamaerops

Excelsa. A very hardy compact growing variety suitable for sidewalk planting, etc. The trunk is covered with a brown fibre, which gives the plant a curious aspect. Leaf stems short with the leaves of medium size, flat and rounded. Small plants, 2 ft. high, each \$1.50; balled plants, 4 to 5 ft., each \$3.00.

Kentia

When it comes to the point of a lasting and beautiful specimen for indoor decoration the *Kentia* takes precedence over all other cultivated species. It will thrive and grow for years in any ordinary living room, withstanding the naturally dry and harsh atmosphere characteristic of the interior of a building, with little more attention than judicious watering and an occasional repotting. It is advisable three or four times a year to give an ounce or two of blood and bone, stirring through the surface soil and watering afterwards.

Balmoreaana. A very handsome palm with narrow pinnae and gracefully arched and recurved stems. A gem for house culture; not hardy in the garden except in shady frostless locations.

Fosteriana. Similar to the above in general appearance, but with wider pinnae; stems more erect in habit and a much faster grower.

Price of the above two varieties; 4-inch pots, nice thrifty specimens, each 75c; made up plants 4 to the pot, each \$5.00; plants 3 to 4 ft. each \$3.50. For extra large specimens, price on application.

Phoenix

Canariensis. One of the best outdoor palms, being very hardy in nature and making splendid specimens in a comparatively short time. This species is commonly referred to as the date palm. Fine specimens abound all over California. One of the best for lawn specimens. Small plants 50c; 2 to 3 ft. \$1.50; 3 to 5 ft. \$3.00 to \$3.50.

Roebelini. A beautiful species introduced from Burmah a few years ago, which has since taken a leading position in the none too long list of palms suitable for interior decoration. It is an extremely slow grower much the same shape as is general in Phoenix, but miniature in size. The pinnae are soft light green in color with gracefully arched stems. Price strong plants 1 foot high, each \$1.50; 18 inches, each \$3.50.

Washingtonia

Robusta. The best type to be found in the California Fan Palms. A very dense and compact-leaved variety with the base of the leaf stems a distinct reddish brown. This variety is much better in habit, color of foliage, etc., than the ordinary *Washingtonia Filifera*. Price each, balled plants, 3 to 4 ft. \$2.50; 4 to 5 ft. \$3.50.

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Landscape Department

There are but few places where the word "landscape" means so much as it does in Southern California. The almost endless variety of plant life which greets the eye has been introduced from all parts of the world and certainly has played a great part in creating the scenic effects to be noted at the present time.

Having been engaged in the nursery and landscape business as a life-long occupation, and having contributed in great measure to the planting and beautifying of the most extensive projects in the Southwest, we feel that we are qualified to pass judgment and execute any of the landscape problems which may be presented to us. For many years past we have been called on as consulting, landscape engineers to discuss the landscape possibilities of grounds before a contemplated purchase has been made—so often, in fact, that we have decided to make this a feature of our business in connection with this department.

The location of buildings, the soil, the water and the climatic conditions, together with the planting and the general landscape scheme, are among the important factors which should be taken into serious consideration before any development work is undertaken.

In addition to our knowledge of local plant life and our ability to plan and carry out the most difficult landscape scheme, we are thoroughly familiar with the soil and climatic conditions in every nook and corner of this Southwestern country and are certain that the cost of our services along these lines will mean a saving to any one who may consult us.

Floral Department

We would invite your attention to the exceptional service afforded by our floral department. Supplemented daily by the choicest cut flowers obtainable in the local markets and a wealth of seasonable bloom from our own nurseries assures our patronage that feeling of gratification which we endeavor on every occasion to effect and which is an important factor in the constantly enlarging volume of this feature of our business.

Our service includes immediate delivery to any portion of the city as well as parcel post or express shipments to adjacent communities and telegraph delivery service to any part of the continent.

"Say it with Flowers"

POSTOFFICE BOX 484
STATION C

Howard & Smith

OLIVE STREET AT NINTH
LOS ANGELES, U. S. A.

