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Madison  
New Jersey

## INTRODUCTION

WITH this, the twenty-seventh issue of our annual catalog, goes our heartfelt thanks to our many customers, and correspondents, for their kind support and encouragement.

We wish to pay tribute to the many Garden Clubs of the country, which are "making this world a better place to live in," and assure them that we are with them, heart and soul in their work.

**CHRYSANTHEMUMS.** So far as the outdoor Mums are concerned, an early frost caught some of the first flowers around the last week in September, but after that, everyone enjoyed more than a month of gorgeous Chrysanthemum weather, and no one can say that outdoor Chrysanthemums did not justify themselves this year. The Single varieties were particularly fine, and to those of you who are not familiar with the newest types, we suggest an immediate acquaintance. In exhibition Chrysanthemums, MARIAN UFFINGER was awarded the Silver Cup of the Chrysanthemum Society of America as the finest introduction of the year. This is a gorgeous crimson, and one that everyone should have for a show flower.

**ROSES.** American-raised Roses are especially prominent this year. PRESIDENT HERBERT HOOVER, a glorious combination of yellow, bronze and scarlet, was awarded two Gold Medals and numerous certificates which attests its popularity. MRS. HERBERT HOOVER, a wonderful crimson that is charmingly fragrant, is a fine companion for PRESIDENT HOOVER Rose. Among imported new Roses, the Gold Medal Novelty is a Climbing Rose, CHAPLIN'S PINK CLIMBER, the finest Climbing Rose we have had from England in many years. Other new Roses, that are interesting are MRS. SAM MCGREDY and PORTADOWN BEDDER from Ireland, RUDOLPH VALENTINO from Pernet Ducher in France, and GOLDEN DAWN from Australia.

Interest in Roses is world wide, and the wonderful developments being made in new varieties, year after year, are looked forward to by garden lovers.

**PERENNIALS.** In addition to our wonderful Delphiniums, we have some very new and unusual Poppies and Rock Plants. We make an earnest effort to get together each year the best new plants for the hardy gardens and have been successful in introducing many new varieties to American gardens.

Orders for plants and all correspondence should be addressed as follows:

TOTTY'S  
Madison, New Jersey

otherwise delays will ensue.

If you are unable to call on us at Madison, stop at our retail flower store at 4 East 53rd St., New York City, where you will find the finest and newest things in flowers, and where orders for plants may be left.

MADISON *Totty's* NEW JERSEY

**NOVELTY CHRYSANTHEMUMS FOR 1930**

MARIAN H. UFFINGER

**MARIAN H. UFFINGER**

This is the finest exhibition Chrysanthemum we have sent out in twenty years. The color is a dazzling bronzy crimson with a gold reverse. The bloom is reflexed in appearance, but the tips of the individual petals incurve, showing the gold reverse in a very distinctive manner. We consider "Marian H. Uffinger" a splendid variety in every way and strongly recommend it to all of our customers. This variety won the Silver Cup at the National Chrysanthemum Society Show as the best seedling of the year. Take bud August 20th to 25th. Height 4 feet.

**Price: \$2.00 each, \$20.00 per dozen**

NOVELTY CHRYSANTHEMUMS FOR 1930—*Continued*



ROSE GLORY

**WHITE CHIEF**

(BAUR-STEINKAMP & CO.)

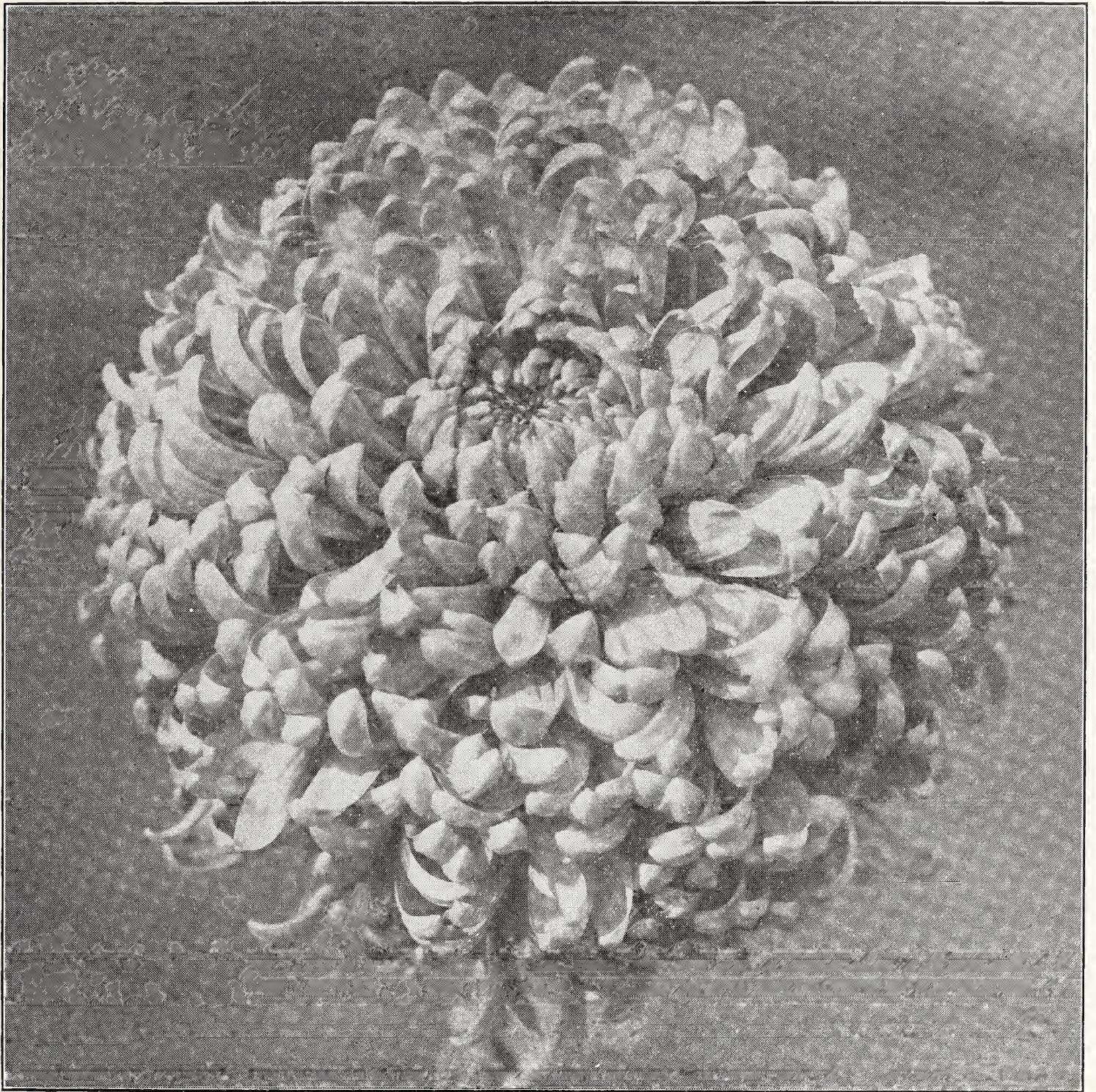
A splendid, incurved white of fine form and wonderful substance. Blooms October 18th from terminal bud. Height 4 feet from early June planting.

**ROSE GLORY**

(BAUR-STEINKAMP & CO.)

Bright lavender pink, blooming October 15th to 20th. Splendid stem and foliage. Height 5 feet, from early June planting. Take terminal bud for best color.

**Price: 50c. each, \$5.00 per dozen, \$35.00 per 100**

NOVELTY CHRYSANTHEMUMS FOR 1930—*Continued*

GOLDEN BRONZE

**GOLDEN BRONZE**

(BAUR-STEINKAMP &amp; CO.)

A wonderful shade of golden bronze, that is so popular at this time. Produces large, spreading blooms of good substance, blooming October 25th to November 1st. Terminal bud for best color. Height 5 feet, from late June planting, and early July planting, will give good commercial blooms.

**Price: 50c. each, \$5.00 per dozen, \$35.00 per 100**

NOVELTY CHRYSANTHEMUMS FOR 1930—*Continued*

LINA EARP

**LINA EARP**

A brilliant yellow overlaid with bronze coming into flower the first week in November. The petals have splendid texture and are cupped on the style of the Waterlily. The growth is particularly handsome, being dwarf and very strong and robust.

**EARLIEST OF ALL**

This variety is valuable on account of its earliness, being the first Pompon it is possible to cut. It is fully developed the third week in September and in color is a blush pink. The plant is dwarf in growth but very robust.

**Price: \$1.00 each, \$10.00 per dozen**



NOVELTY CHRYSANTHEMUMS FOR 1930—*Continued*

META J. BERGEN

**META J. BERGEN**

One of the most valuable additions to the Single introductions of many years, carrying as it does several rows of petals. The color is a brilliant Pompeian red. It is a splendid keeper and shipper. One is attracted to this variety to the exclusion of all others in the house. This variety is the origination of Francis H. Bergen of Summit, N. J., who has given us such fine varieties as "Hilda Bergen," "Mrs. F. H. Bergen," "Ruth Bergen," etc.

**BRONZE GODFREY**

This is a sport, like "Murray Hill Beauty," from the original "Mrs. E. D. Godfrey," flowering at the same time. The color being a very fine, straw-colored bronze, specially valuable for late flowering.

**Price: \$1.00 each, \$10.00 per dozen**

NOVELTY CHRYSANTHEMUMS FOR 1930—*Continued*

JACQUELINE MORRISON

**MURRAY HILL BEAUTY**

A sport from "Mrs. E. D. Godfrey," by far the finest of the late blooming Single varieties that we have ever introduced. The color is a most attractive old rose and the season of blooming which is from Thanksgiving to Christmas, makes it doubly so to people who are looking for late blooming Chrysanthemums.

**JACQUELINE MORRISON**

To that Mum class of Chrysanthemum lovers who are looking for Chrysanthemums during the month of December, we specially recommend "Jacqueline Morrison." The color is a very handsome white, stem and foliage ideal, and as a late single white, this is unsurpassed.

**Price: \$1.00 each, \$10.00 per dozen**

NOVELTY CHRYSANTHEMUMS FOR 1930—*Continued*

JEAN HART

**JEAN HART**

This variety was shown at New York and other exhibitions this Fall, and while not strictly a Novelty, since it was originated by Mr. Morrison and distributed to a limited extent a few years ago, its decorative possibilities have never been appreciated, as they were this year. The color is a beautiful deep yellow. The graceful habits of this plant endear it to everyone and of all the varieties exhibited at the fall shows, we think "Jean Hart" is supreme.

**ALOMA**

A beautiful bronze Single, dwarf and robust in habit and a very welcome addition to the list of midseason varieties of this character.

**Price: \$1.00 per plant, \$10.00 per dozen**

## NEWER VARIETIES NOT GENERALLY DISTRIBUTED



FIRST DAWN

### FIRST DAWN

The color is an exquisite chamois pink with gold tips on the petals. We shall be greatly surprised if this variety does not line up in the Pockett class, and become in its color one of the standard varieties in the country. The stem and foliage are ideal, and it is apparently immune from disease with all qualifications for rendering this variety the best in many years. Height 4 feet. To get the best results and the unique color in this variety a late crown bud from August 25th onward should be taken.

**Price: \$1.00 each, \$10.00 per dozen, \$75.00 per 100**

NEWER VARIETIES NOT GENERALLY DISTRIBUTED—*Continued*

W. H. EVERARD

**E. N. WARD**

An Australian variety of golden orange, of the type made famous by "Mrs. Kershaw," of which it is a seedling. The color is a glorious glowing fawn with bronze red reverse and bronzy red lines on the edge of some of the petals. Crown bud, August 25th onward. Buds taken earlier are long in the neck. Height 5 feet.

**W. H. EVERARD**

Another variety named in Australia, in color a charming salmon bronze, when the bud is taken about the middle of August. Later buds show a much deeper color, though not such heavy petalage. One of the kinds that it is a pleasure to distribute. The growth is very strong and vigorous. Height 6 feet.

**Price: \$1.00 each, \$10.00 per dozen, \$75.00 per 100**

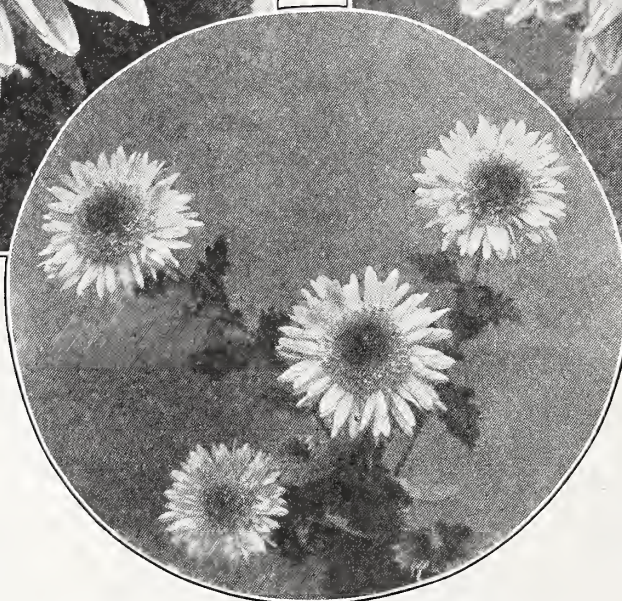
## SECOND YEAR NOVELTIES



**MRS. H. J. BALLAGH**  
(See page 12)



**BETTY ROSE**



**MRS. FRANK J. TANBER** (See page 12)

### BETTY PRICE

Beautiful golden bronze button Pompon, a trifle darker than Romaine Warren; 1½ inches across, very double and well arranged large sprays. Very strong stem and wiry growth, 32 to 34 inches high. Medium size, dark green foliage. Matures November 20th to 25th.

### BETTY ROSE

Beautiful shade of light dazzling pink with pinkish yellow cushion. Large flowering Anemone type, four to five rows of ray petals with high rounding cushion. Medium size, healthy, glossy green foliage. Stem, 24 to 28 inches high, very rigid, sprays are well divided. Matures October 25th to November 1st. This is a seedling of Graf Von Oriola, and is much superior to its parent in every way. Makes a very large flower if disbudded.

### DR. C. V. BRYANT

A very fine canary yellow Pompon. Rather a tall grower but well divided and a variety that does not need disbudding.

### HEARTS OF GOLD

Deep canary yellow, cushion golden yellow, large flowering Anemone, about 4 inches across. Dwarf, about 16 inches high, very rigid, requiring no staking. Medium size, very healthy, glossy green foliage. Matures November 25th to 30th.

**Price: 50c. each, \$5.00 per dozen, \$35.00 per 100**

SECOND YEAR NOVELTIES—*Continued*

HILDA H. BERGEN

**HILDA H. BERGEN**

One of the most useful commercial types of Chrysanthemums ever introduced. We grew one house of this variety, running four to six flowers to a plant, which was a beautiful sight, and very much admired by every grower who visited us this past season. The color is a deep rich mahogany bronze, and every bud produces a perfect flower. We strongly recommend it as being absolutely 100 per cent perfect in every way, both as to type, quality and productiveness. Coming in, as it does before Waite and the other bronzes, it proved most remunerative, as it was ready to cut October 8th in the greenhouse.

**Price: 50c. each, \$5.00 per dozen, \$35.00 per 100**

SECOND YEAR NOVELTIES—*Continued*

J. W. Jr.



DR. G. V. BRYANT (See page 10)

**J. W. Jr.**

A light pink, tall growing variety, also from the Department of Agriculture. This handsome, large flower is of pale lavender with deeper shadings on the outer edges. A very handsome, sturdy variety.

**MRS. H. J. BALLAGH**

An even shade of Cattleya pink with straw yellow cushion. A medium sized Anemone. Very healthy light green foliage of medium size. Stem dwarf and very rigid, grows about 18 inches high and seldom requires staking. Matures October 20th to 25th. A seedling of Graf Von Oriola and Izola. A novel color combination that is bound to prove popular.

**MRS. FRANK J. TANBER**

Blush white with pale yellow center and a deep chocolate spot in the center disk. A remarkable grower.



VERA VICTORIA (See page 13)

**Price: 50c. each, \$5.00 per dozen, \$35.00 per 100**



## SECOND YEAR NOVELTIES—Continued



NORMA

**NORMA**

A large flowering show Anemone. Color a delicate pink with bronze yellow cushion. Matures November 20th to 25th.

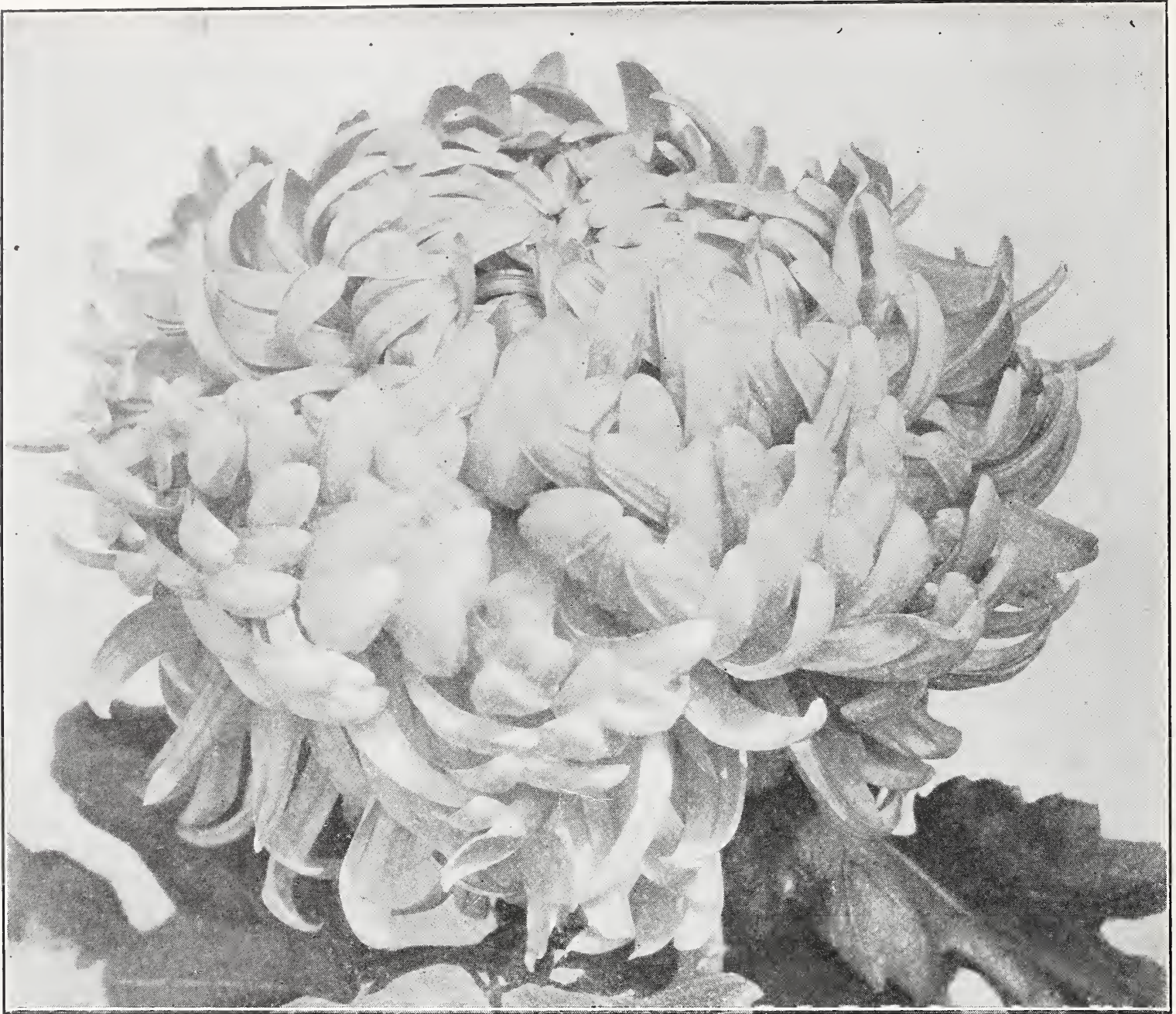
**RICH RED**

This variety was universally admired in our grounds under the name of "Rich Red." It stood with impunity several heavy freezes, and was still flowering profusely, after every other variety was blackened and dead.

**VERA VICTORIA**

A splendid Pompon of the very largest size. Color brilliant glowing bronzy yellow. Growth particularly strong and healthy. A variety from the Department of Agriculture.

**Price: 50c. each, \$5.00 per dozen, \$35.00 per 100**



CARRIE BEINECKE

## STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS

The following list of Chrysanthemums are the varieties that are usually found exhibited at the different shows. Many of these varieties are also grown by commercial florists for their cut flower trade, and we are listing only the very best of the many varieties introduced for the past ten years. We can recommend the entire list very strongly to anyone who wishes to grow Chrysanthemums in a greenhouse.

### BRONZE TURNER

Color is buff bronze, with the lower petals shaded maroon. Since everyone who has grown Chrysanthemums, or has seen them exhibited at the flower shows, knows the Turner type, to describe it further would be to use up valuable space on a well-known subject.

### CARRIE BEINECKE

When we say that this variety is an improvement on "Majestic," it is rather a broad statement, but when one sees the lovely, warm bronze color and perfect growth with ideal stem and foliage, you will agree with us that this is the finest variety distributed in our twenty-five years of introducing novelties. Any bud after August 20th. Height 5 to 6 feet.

**Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100**



FLORENCE BAHN

**DR. J. M. INGLIS**

A rich wine purple amaranth with a silver reverse. The petals are loosely incurved and this variety is in every way a great improvement on Earl Kitchener.

**ELBERON**

A large, incurved clear pink with wonderful foliage and stiff stems. Not a tall grower, but a very fine variety.

**EDMUND STILLMAN KELLY**

Pure glistening white. Very strong in growth and one of the good November varieties.

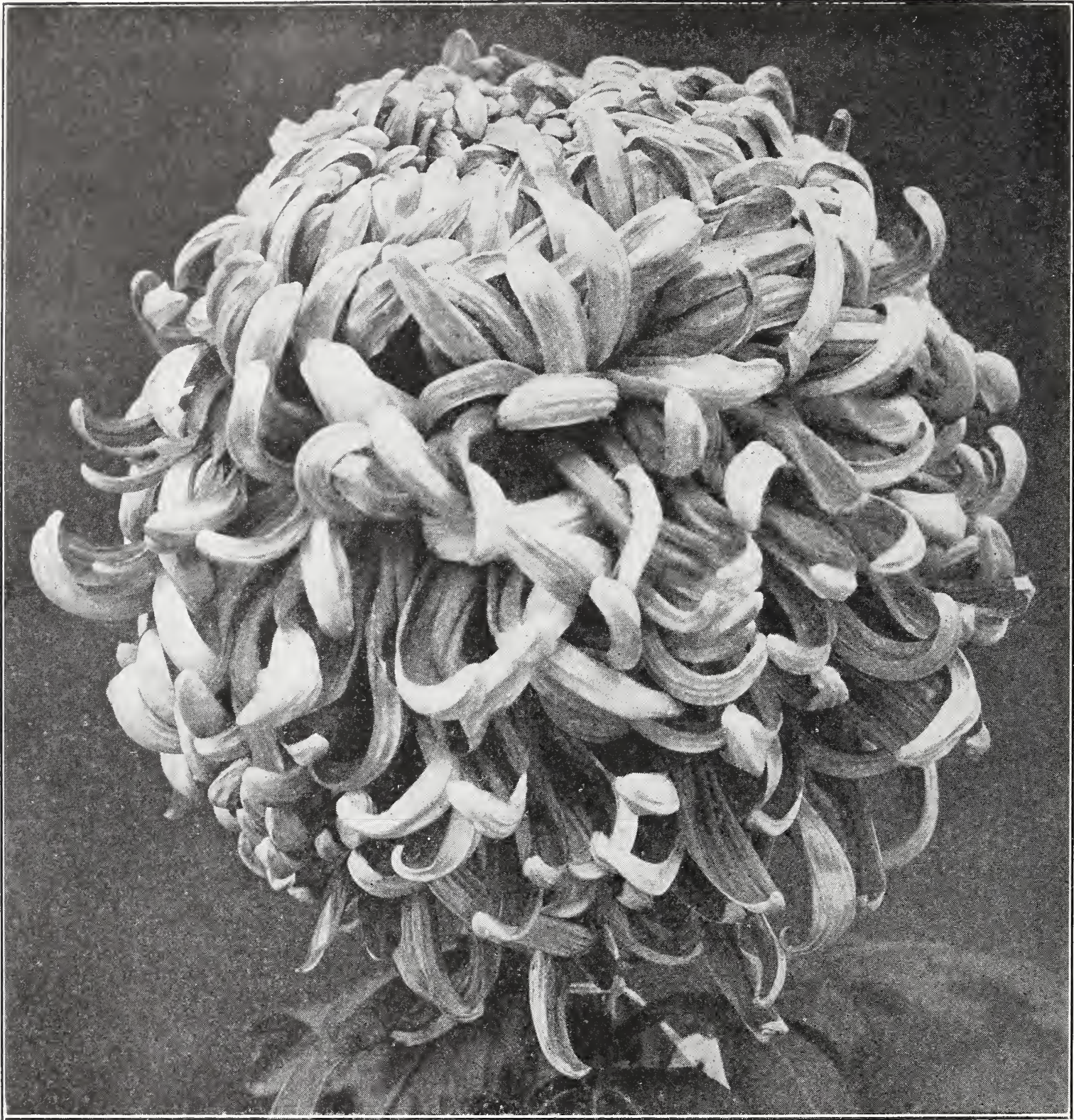
**FLORENCE BAHN**

A chestnut bronze of medium size but a wonderful color. The foliage is small, which permits fairly close planting in the benches. A bud August 25th produces flowers of perfect form with foliage right up to the flowers. Height 5 feet.

**FRIENDLY RIVAL**

The finest yellow for Thanksgiving and about the brightest yellow it is possible to procure. Bud taken September 20th. Height 4 feet.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100



GRACE STURGIS

**GRACE STURGIS**

An enormous flower of rich wine red with a pinkish silver reverse. This is one of the largest Chrysanthemums we have ever seen, and the growth is wonderfully strong, running to 6 feet in height. On account of its vigorous rooting system, it takes up feed much more quickly than other varieties, therefore it should not be fed as freely as other sorts. Crown bud August 25th.

**J. R. BOOTH**

This is the golden yellow sport of Nagirroc which is too well known for further description. Height 4 feet. Crown bud, August 26th.

**JOHN S. BUSH**

A seedling from Louisa Pockett, which it much resembles; of immense size. Late buds of this variety are occasionally splashed with lavender, in a very novel manner. If the lavender-shaded flowers are desired, select the bud the second week in September. For pure white flowers, take bud August 15th onward. Height 6 feet.

**LOUISA POCKETT**

Color purest possible white. Flower, stem and foliage are alike enormous. Plants need plenty of room to develop. Certificated C. S. A. Height 5 feet.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100



MARIE DE PETRIS

**MAJESTIC**

Clear, shiny amber bronze; a very brilliant shade of color, and a most attractive variety.

**MARIE DE PETRIS**

A wonderful incurved commercial variety of intense yellow, deeper in color than Golden Glory. Foliage right up to the flowers, regardless of what bud is taken. Throws 100 per cent perfect bloom regardless of bud. It has a stronger and more rigid stem than any other variety grown. Its foliage is closely set, very healthy, and mildew proof. Individual flowers average 20 to 22 inches in circumference. Matures November 10th to 15th.

**MISS RITA MITCHELL**

Color salmon bronze with fawn reverse; a most attractive variety. Enormous in size and will be one of the most popular kinds shown on the exhibition tables once it has become well known and generally distributed.

**MRS. AUGUST KOCH**

A rosy salmon sport of Vermont, with creamy buff reverse. A true sport showing all the characteristics of the variety Vermont. A most unusual new shade of Chrysanthemum; bud August 15th. Height 5 feet.

**Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100**



MRS. F. E. LEWIS

**MRS. E. KERSHAW**

A splendid, warm bronze, immense petals and artistically arranged. Tremendous growth of foliage and stem. A color that is sure to please the exhibition grower. Height 5 feet. Bud August 15th, onward.

**MRS. F. E. LEWIS**

An exquisite deep crimson with an old gold reverse. Petals are extremely wide and the wonderful combination of crimson and gold is strikingly attractive. In color, is far superior to Pockett's Crimson at its very best. Late crown bud the first week in September. Height 4 feet. Certificated 93 points.

**MRS. G. G. MASON**

Very distinct variety; color blood red with a gold reverse, though very, very little of the gold reverse appears. Height 5 feet. Crown bud August 20th.

**MRS. GILBERT DRABBLE**

On an early crown bud from August 10th, this variety produces a marvelous flower; petals are arranged in a whorl, rendering them most attractive. Purest white in color.

**MRS. HENRY EVANS**

This Chrysanthemum might easily be described as a crimson Cactus Dahlia, since its characteristics resemble this flower. Every petal reflexes back, showing its color to the best advantage. Particularly valuable in the short stem classes on the exhibition table. A pure deep crimson, an Australian variety. Bud August 20th onward. Height 4 to 5 feet.

**Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100**



MRS. G. G. MASON (See page 18)

**MRS. J. LESLIE DAVIS (Pink Turner)**

It is absolutely identical with Turner in every respect save color, which is a clear lavender pink. The growth and habit are a duplicate of the original parent and no other description is necessary. Pink Turner will find a premier place on its own merits. Height 5 feet.

**MRS. JULES C. LEEDS**

A very vivid blood red Chrysanthemum. The gleaming brownish petals of this variety are very novel and, on account of its marvelous color, it will be one of the most popular varieties. The individual petals are very broad and hang down gracefully from the center, making a perfect sphere in form. Splendid stem and foliage. Height 4 feet, second crown bud.

**MRS. LOUIS B. TIM**

Lustrous white with incurving petals; the earliest and largest white, blooming in early October. Stem and foliage absolutely ideal. Dwarf grower. 2½ to 3 feet high. Bud August 15th.

**NAGIRROC**

Finest exhibition bronze we have ever distributed; color, deepest glowing orange bronze, 45 inches in circumference. Height 5 feet. Any bud after August 15th.

**PRESIDENT JOHN EVERITT**

Color, very unique chamois buff, when first opening the petals are very closely incurved forming a perfect ball, 27 inches in circumference. Bud August 15th onward. Height 3½ feet.

**PATRICIA GRACE**

An exquisite variety for lovers of exhibition Mums, who are looking for the unusual in this flower. The color is a lovely shell pink and the petals are large and tubular in shape, standing straight out from a common center.

The older Chrysanthemum grower will recall "Lillian F. Bird" of thirty years ago and this variety is a duplicate in formation and growth of that well known sort.

**PRIDE OF RICHMOND**

Pure, bright pink of broad, incurving form, both commercial and exhibition variety. There is not the slightest tinge of magenta in this variety. The stem is stiff, holding the flower erect, as near perfection as any Chrysanthemum we have yet introduced. Blooms about November 10th. Take bud September 10th. Height 4 feet.

**PRIVATE MERLIE HAY**

Warm, bronzy red in color with clean, heavy foliage right up to the flower. Take bud any time after August 10th. Height 5 feet.

**ROSE POCKETT**

Old gold, shaded bronze. Purely an exhibition variety, but one of the finest kind sent out.

**THOS. W. POCKETT**

After some forty years of hybridizing Chrysanthemums, Thos. W. Pockett has produced a variety that he considers is good enough to call after himself. This is a lovely clear pink with incurving tips, which has in its color every desirable attribute. We suggest a late bud the last days in August to give a perfect flower and color. Height 6 feet, second crown bud.



NAGIRROC (Golden Champion)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100



THOS. W. POCKETT (See page 19)

**VERMONT**

A most welcome addition to our exhibition list of pinks. The flowers are of enormous size, reminding one very much of the old variety, M. L. Rosseau. Bud August 1st to 15th. Height 5½ to 6 feet.

**WM. RIGBY**

The yellow sport of Mrs. Gilbert Drabble; color beautiful, bright canary yellow. Exact duplicate of Mrs. Gilbert Drabble in every way, except color.

**WILLIAM TURNER**

The best variety we have ever introduced; it has created a sensation when exhibited at the shows. Makes a perfect ball of the purest possible white.

**WILLIAM H. WAITE**

Color, deep warm bronze, so brilliant as to seem almost shading to scarlet in some of the flowers. Bud early in August will develop, but bud taken around August 25th will show a more brilliant color. Height 4 to 5 feet.

**YELLOW POCKETT**

A duplicate of Louisa Pockett in every way save color—every exhibitor simply must grow it.

**YELLOW WM. TURNER**

A light yellow sport from Wm. Turner; identical with its splendid parent in every respect, except in color; will be one of the most widely grown yellows for this season.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.



# STANDARD VARIETIES OF COMMERCIAL CHRYSANTHEMUMS

The commercial varieties of Chrysanthemums are grown by customers who desire quantity rather than quality. These are not as large in the individual flowers, as the exhibition Chrysanthemums, but equally as satisfactory, if one is not looking for flowers exceptional in size.

## ADRIAN'S PRIDE

Brilliant yellow for Thanksgiving, and is taking the place of Golden Chadwick to a great extent.

## BETSY ROSS

One of the finest midseason whites. It is a perfect incurved flower and sturdy, upright grower. Date of bud, August 25th. Matures about November 5th.

## CELEBRATION

A sport of Eaton, with the same wonderful texture and fine keeping quality; same splendid stem and foliage. A glistening yellow. Good for its date, which is November 5th, and budding date September 10th.

## CHIEFTAIN

A beautiful incurving pink of perfect shape. Certificated in Boston, Philadelphia and Chicago. Perhaps the finest incurved pink commercial variety in cultivation today.

## CORONNA

A beautiful golden yellow and one of the best commercial varieties grown. Flowering November 1st.

## DETROIT NEWS

Golden bronze variety, maturing October 25th. Take bud August 30th.

## E. A. SEIDEWITZ

One of the best late flowering pink Mums, introduced to date. Can be had for Christmas if necessary.

## EARLY FROST

Most popular early white, coming into flower September 15th onward.

## DR. ENGUEHARD

Very largely grown as a late commercial pink.

## GLADYS PIERSON

Apricot orange, flowering about November 25th. Take bud September 30th.

## GOLDEN GLOW

One of the earliest commercial varieties, flowering from the first week in September and producing a flower equally as large and satisfactory as Chrysolora, which does not come in until later.



ROSE CHOCHARD (See page 22)

## GOLDEN MISTLETOE

Owing to its lateness, this variety is valuable to the commercial grower. A light yellow sport from Mistletoe. Height 5 feet. Date of bud, September 30th.

## HARVARD

Japanese reflexed, very dark crimson; in perfection November 15th and later.

## JUSTRITE

An early Chieftain flowering three weeks earlier than that variety, but much larger and better in color, flowering October 15th. Good stiff stem and foliage.

## LUSTRE

A beautiful shade of lavender pink which should be planted early in June for best results. Splendid stem and foliage. Flowers October 8th from bud taken August 25th. Height 4 feet.

## MISTLETOE

Blush white, of strong, upright growth, flowering in December. A splendid variety for commercial work.

## MONUMENT

Pure white and one of the best Chrysanthemums for shipping.

Price: 50c. per plant, \$2.00 per doz., \$15.00 per 100.

STANDARD VARIETIES OF COMMERCIAL CHRYSANTHEMUMS—*Continued***MRS. A. M. CALKINS**

An improved Golden Chadwick but much brighter color and more globular in form. A very strong grower with good stiff stems, flowering for Thanksgiving.

**MRS. NELLIE ROSS**

Clear yellow incurved Chrysanthemum. Splendid for Thanksgiving and later.

**OCTOBER FROST**

Blooms in early October and is the largest commercial white of its date.

**OCONTO**

White, fine, large blooms on very strong stems; largely grown for its period, which is early mid-season.

**PINK MISTLETOE**

A late pink variety; sport from Mistletoe. 5 feet high.

**ROSE CHOCHARD**

A very early pink variety coming into flower early in October. A great improvement on Chieftain in every way. Take bud August 15th.

**ROSA RAISA**

A beautiful incurved light pink, maturing about mid-November.

**SILVER SHEEN**

A pure white Chrysanthemum coming into flower about October 20th. An incurved variety with marvelous keeping qualities.

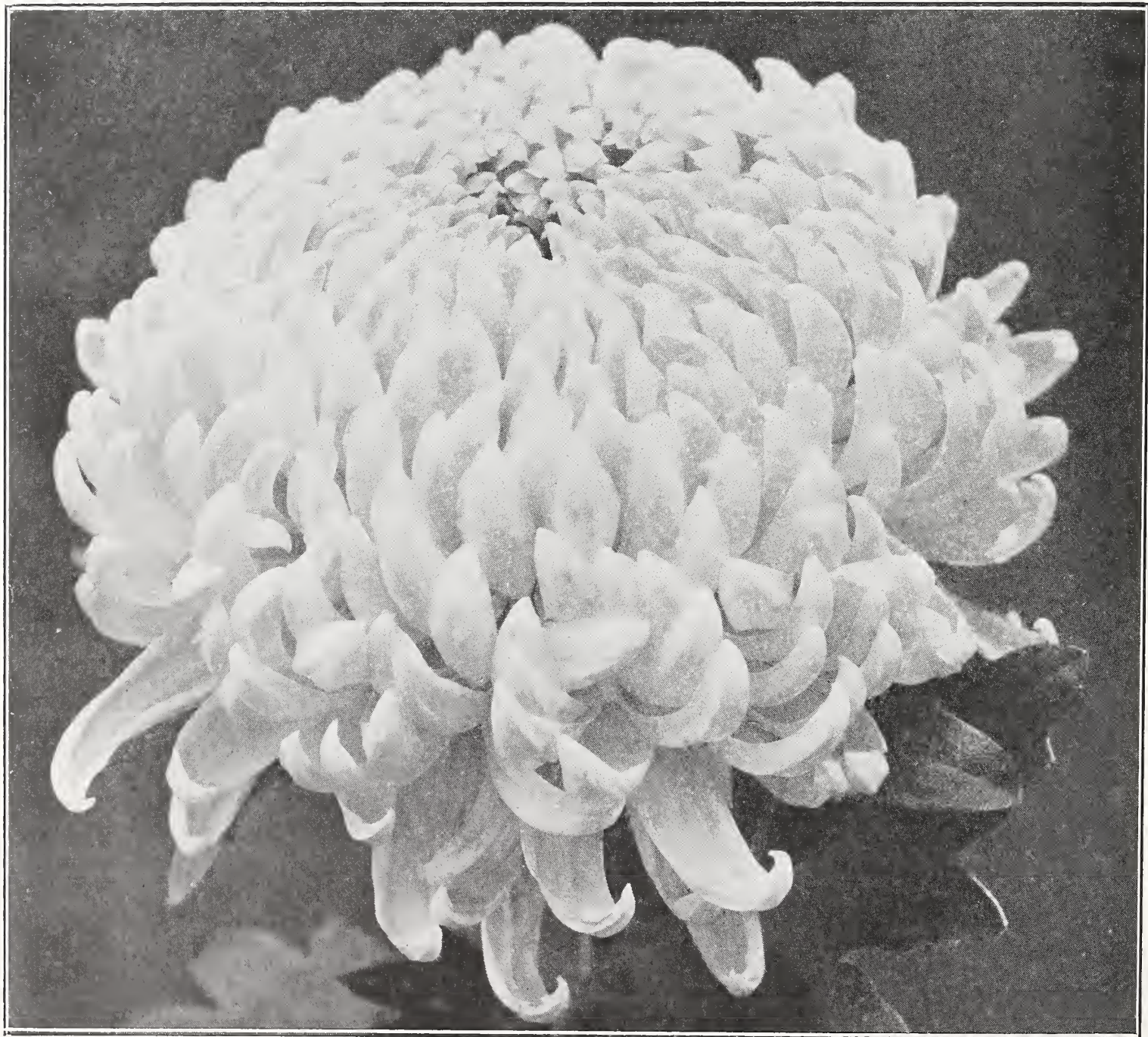
**SMITH'S ENCHANTRESS**

Bright rosy pink, surpassing all other commercial pink varieties introduced to date. Height 4 feet.

**SMITH'S PEERLESS**

A creamy white variety for Thanksgiving or later. Height 3½ feet.

**Price: 50c. per plant, \$2.00 per dozen, \$15.00 per 100**



**YELLOW CHIEFTAIN** (See page 23)

STANDARD VARIETIES OF COMMERCIAL CHRYSANTHEMUMS—Continued

**SNOW WHITE**

The best early midseason white, with fine stem and foliage. Blooms October 20th to 25th. Terminal bud.

**SUNGLOW**

A bright yellow like Major Bonnaffon, flowering October 25th.

**SUNGOLD**

Very fine late yellow variety for Thanksgiving and later.

**TEKONSHA**

Splendid rich bronze of strong, upright growth; also a fine Thanksgiving variety.

**UNAKA**

The long sought early October pink Chrysanthemum. A broad petaled Japanese incurved of great depth and size for so early a variety.

Price: 50c. per plant, \$2.00 per dozen, \$15.00 per 100

**WHITE CHIEFTAIN**

Pure white sport of the variety Chieftain; duplicate of the parent in all respects save color, which is a pure white.

**WHITE SEIDEWITZ**

White sport of popular Seidewitz, resembling it in every respect except color, which is a pure white. One of the best varieties for Christmas blooming.

**YELLOW CHIEFTAIN**

This is a canary-colored sport of Chieftain coming to us from the Pacific Coast. It is identically the same type flower, growth and habit as Pink and White Chieftain and has wonderful commercial possibilities. It is identical in all respects with the Chieftain excepting color.

**YELLOW EARLY FROST**

The yellow companion for Early Frost blooming in early October. One of the finest commercial yellows.

**FEATHERY, SPIDERY AND THREAD-LIKE VARIETIES**

We imported the following varieties from Japan years ago and are the only concern in the country listing this type. Where one wishes late flowers and has a conservatory or greenhouse, we recommend that just a few of the following varieties be grown, and we know they will surprise and please the grower.

**AMATERASU (The Sun Goddess)**

Heavy quilled petals which follow no set design but twist and curl like a very informal Cactus Dahlia. Color is yellow as the name implies.

**BENTEN (Goddess of Beauty)**

Quilled petals, standing straight out from the center; color green gold at center with blood red tips; no Chrysanthemum introduced to date has the peculiar shadings found in Benten.

**FUGI (THE WISTERIA)**

The largest of the entire set; pale lavender in color with very narrow petals hanging down 8 to 10 inches in length. Very refined type. Splendid foliage and stem.

**JIUJITSU**

This Mum reminds one of the old-fashioned pepperment sticks, inasmuch as half the petal is white and the other half deep pink. The petals alternating make this a most fascinating variety. Spidery type.

**PINK BEAUTY**

A deep, pinkish lavender shading to pale lavender at the tips of the petals. Greenish gold in the center and a very beautiful Chrysanthemum which can be recommended as entirely hardy.

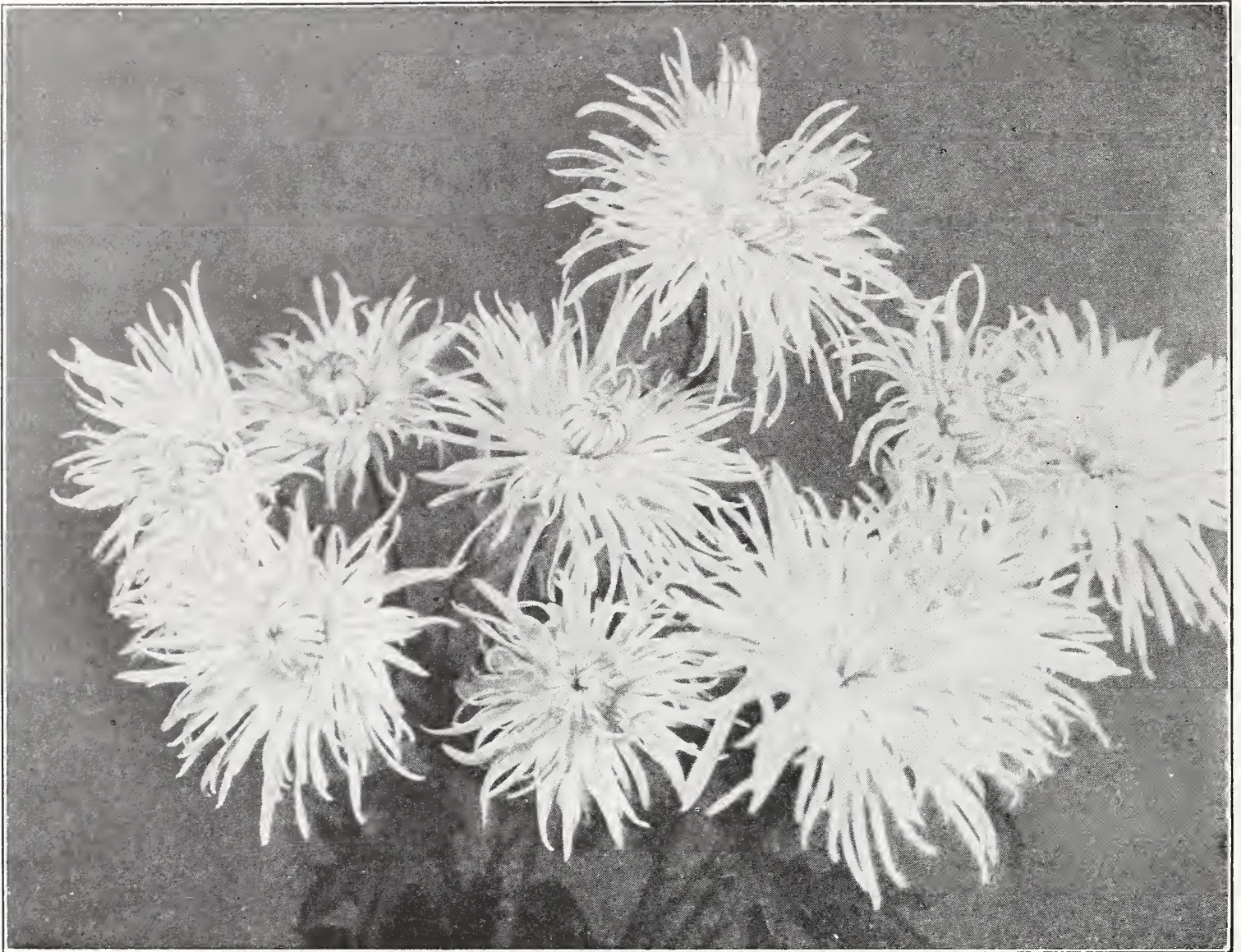
Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100

**SAM CASWELL**

Somewhat resembles White Thread except that it is larger and the end of each petal is divided into three points; the color is a brilliant rose pink and a spray of this variety is a pleasing and attractive sight. Feathery type.



SAM CASWELL



THE DEAN

### THE DEAN

A bridal white, feathery variety which makes a very charming spray when grown naturally without any disbudding. The narrow quilled petals are very irregular on the flower and the pale beryl green curled center is a charming contrast to the intense white of the flower.

### WHITE MRS. FILKINS

A pure white Mum, producing many flowers on a plant. Nice stiff stems, excellent for cut flower work and very novel in petalage.

### WHITE THREAD

A beautiful and interesting variety resembling nothing so much as a quantity of short white threads growing on a stem. In contrast with large varieties in any exhibition it always calls forth great interest. Thread-like type.

### WHITE WISTERIA

The creamy white sport of Fugi, very narrow petals; fine grower; a delightful variety.



WHITE THREAD

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100



CAPTIVATION

## STANDARD ANEMONE CHRYSANTHEMUMS

Very individual and showy in their different colors are the Japanese Anemone Chrysanthemums. They are very distinct as to type with their tufted centers, a charming contrast with the surrounding broader petals.

### BLANCHE

An improved form of Garza. A very attractive flower of splendid habit.

### BUFF QUEEN

A large Anemone flower of bronzy buff, flowering November 1st.

### CADET

A very fine bronze Anemone that has proven very valuable wherever grown.

### CAPTIVATION

A beautiful, large flowered Anemone. When disbudded to one to two stems to a plant, it produces marvelous flowers. The growth is very strong and robust and the flower has exceptional substance for an Anemone variety. The color is a brilliant mahogany red. The cushion is very large and well placed. The tips of the petals are tinged with gold, making a most attractive combination. This variety has been distributed to a limited extent, but the past exhibition season has emphasized its great value to the grower.

### COED

A clear pink with a tinge of yellow at center, 3½ inches in diameter, 3 feet high, flowering about November 10th.

### EUGENE LANGAULET

Deep golden yellow. Most popular variety in its color in the cut flower market.

### GOLDEN LIDA THOMAS

Rather tall, deep golden yellow flowers; very valuable on account of its late blooming habit. Can be kept for Christmas if desired.



GRAF VON ORIOLA (See page 26)

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100

## STANDARD ANEMONE CHRYSANTHEMUMS—Continued

**GRAF VON ORIOLA**

Strongest grower of the set; color pure rose pink; tubular petals in center tipped gold; ends of the outer petals incurve slightly, making a bold and striking appearance; very bright foliage.

**GRAF VON FLEMING**

This is a charming variety; color of the purest pale lavender, the outer petals are tubular until they reach the edges, where they open and droop back.

**INNOCENCIA**

Outer petals of pure white; central petals most beautifully flushed pale pink; edges of the tubular petals in center of light yellow.

**JUNO**

Deep lilac shading to white; the center head being loose and graceful and of a deeper shade than the outer petals; a magnificent variety in its color.

**MADAME LUNT**

Milk white with rich, creamy yellow center; a great improvement over existing sorts, and the very earliest white Anemone to come into flower. Wonderful foliage, very clean grower, and stiff stems.

**MARIAN SHILLABER**

Deep primrose yellow with deeper bronzy yellow tufted center. Most easily described as "Jonquil" yellow.

**MISS HELENE BORMAN**

Terra cotta bronze, with loose crested center of pale buff, the tips of each of the crested petals are split, showing the terra cotta shadings like the outer petals.



JUNO

**MRS. ALFRED G. WILSON**

A glistening pure white Anemone with pale yellow centers. As grown and exhibited by the originator, it has been the sensation of several flower shows. The growth is strong and robust, and the variety is a great improvement in every way on "Blanche," which to date has been one of our most popular white Anemone varieties. An aristocrat that should be grown by every Chrysanthemum enthusiast.

**RED BIRD**

Deep ruby red with green, golden crested center; when slightly disbudded and grown in sprays this makes a magnificent variety. Most unusual color combination in this type.

**ROSE ROYAL**

A violet rose petal with tufted yellow center, maturing November 15th.

**SPRING HILL**

Blush white with yellow Anemone center. This variety has excellent substance and petalage. The stem is very rigid and particularly valuable on this account both for cut flowers and pot plants.

**SURPRISE**

Brilliant rose pink; one of the largest and very finest in this section.

**TITIAN BEAUTY**

Color, deep rich bronze, shading in the center to scarlet. One of the most striking of the collection; outer petals reflex showing the center to advantage. Strong growth, with heavy dark foliage.

**TRIUMPH**

A bronzy yellow Anemone with long golden bronze outer petals and large, bright yellow tufted center.

MRS. ALFRED G. WILSON (*De Petris*)

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100

## Pot Plants, Caps and Decorative Varieties



WELLINGTON WACK

### LIZZIE ADCOCK

Deep yellow sport of Source d'Or. Precisely like the parent in every respect as to growth and culture.

### SOURCE D'OR

Sometimes called "Golden Feather," a wonderful variety when grown in sprays or as a pot plant. Deep reddish bronze.

### PURPLE CAP

Bright purple sport of Caprice.

### WELLINGTON WACK

Color soft primrose yellow, medium in size, with neat, reflexed petals. In our many years of Chrysanthemum growing and distribution, we have never had anything quite as fine in the Decorative Chrysanthemums.

### WHITE CAP

Pure white sport of Caprice.

### YELLOW CAP

Brilliant yellow sport of Caprice.

The following varieties are listed separately for the convenience of the buyer, and are all particularly adapted for pot plant work. These are the kinds usually grown for the wholesale markets in large quantities. They are often handled very satisfactorily by being planted out in the open ground in May, kept pinched into shape and potted September 1st.

### BUTLER'S CAPRICE

Deep pink Sport of Caprice du Printemps.

### CRIMSON SOURCE D'OR

Crimson sport of Source d'Or, the showiest variety of all the decorative types.

### KATHLEEN THOMPSON

The crimson sport of Caprice.

### LILAC CAP

Deep lilac sport of Caprice.



SOURCE D'OR

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100

## HARDY GARDEN SECTION

The varieties that follow are all perfectly hardy, providing they are grown in a section that is not too wet. If the stock plants are water-soaked all Winter, or frozen up in cakes of ice, they will not survive, but given congenial growing conditions and a slight protection of dry leaves with pine branches over them to prevent the leaves blowing away, they will come through without any trouble. Then in the Spring, after they commence to grow, they should be divided so just one shoot will remain to make the future plant. While the first frost will blast the flowers that are developed at the time, it will not injure the unopened buds, and the outdoor 'Mums can be enjoyed to their fullest extent all through the lovely "Indian Summer" weather.

### Early Flowering Chrysanthemums

The cultivation of these 'Mums is simple: Plant them in a rich, well-drained piece of ground, setting out the plants a foot apart and pinching them once or twice during the months of May or June. They will branch out and make beautiful bushes and give the cultivator more return for the labor expended than any plant in the garden. There is a place for this type of 'Mums in every garden in America, whether one has greenhouses, frames, or grows them in the open garden. Some growers who have grown these as pot plants have had great success with the same and we can recommend them highly for that purpose.

### STANDARD VARIETIES

#### A. BARHAM

A beautiful orange bronze and the first variety of this color to come into flower. Shows up wonderfully well under light when used as a decoration.

#### CANDIDA

This is the variety that is grown by the million in Europe, under the name of "Sanctity," etc. The color is absolutely pure white and when grown without being disbudded produces masses of pure white flowers, which are wonderfully effective.

#### CHAS. JOLLY

Bright, rosy pink, splendid variety and popular with everyone.

#### CRANFORDIA

In this variety we have an early flowering Mum that covers every possible point; perfect in flower and stem; foliage up to the flower and every plant will carry twelve to twenty beautifully finished flowers. Color deep bronzy yellow.

#### FIRELIGHT

Brilliant carmine, shaded with scarlet. In perfect condition to cut October 1st, either outdoors or under glass. The earliest and best thing in its color.

#### NORMANDIE

Creamy white, magnificent variety. The earliest and perhaps the best.



CRANFORDIA

#### PETITE JEAN

On the same order as Perle Chatillonnaise, but comes into flower about a week later. Color, pure white with a light yellow center.

#### YELLOW FROST

The bright yellow variety of the ever popular Early Frost, coming into flower early in the season.

#### YELLOW NORMANDIE

Clear, bronzy yellow sport of Normandie. Earliest yellow to come into flower.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100





## Novelty Single Chrysanthemums for 1930

The Novelty Single Chrysanthemums every year show more advance than any other type. They have practically reached perfection in coloring, size, habit of growth and quality. They flower at a time when all other flowers have finished blooming and for coloring are as gorgeous as any Summer Perennial in the garden when the right varieties are selected. The varieties this year are better than ever before.

**Price: \$1.00 per plant, \$10.00 per dozen, \$75.00 per 100**

## SINGLE CHRYSANTHEMUMS STANDARD VARIETIES

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

### ABSOLUTE

A variety we distributed several years ago but unfortunately it never was properly distributed because our stock was badly frozen and we had to cancel many of the orders for this particularly variety. The description is as follows: Superlatives sometimes get tiresome but we cannot help remarking that this in itself is the finest thing we have sent out. It combines every desirable attribute having thick, fleshy petals which ship perfectly and in color is an intense scarlet bronze with a clear yellow center. The stems and foliage are ideal and we feel the originator naming it "Absolute" knew that an improvement on this variety is almost impossible. The finest Single ever distributed in many years. Price: \$1.00 each, \$10.00 per dozen.

### ALICE HOWELL

A rich shade of orange yellow in color. By far the most attractive of any of the yellow single varieties.

### ARABY

A pure white seedling of very vigorous habit and growth. A decided improvement on Mensa, the petals are of excellent texture and the flower is a very fine keeper and shipper.

### BESSE LA ROCHE

Color, when first opening, Brazil red, but as the flower ages it shades into a deep crimson bronze with large yellow zone in the center.

### BRONZE BUCKINGHAM

When we say this variety is a duplicate of its parent in every respect except color, little more description is necessary, for Buckingham is one of the best known Singles. Color is a cheerful glowing bronze.



ARABY



ABSOLUTE

### BRONZE MOLLY

Color clear tawny yellow. A Single that is enormous in size, both as to flower and plant. The plant, under favorable conditions, will attain a height of 6 feet, clothed from top to bottom with luxuriant foliage.

### CAROLINE ROBBINS

When first opening the flowers are a deep mallow pink and gradually develop into lilac rose. The very broad petals of this flower much resemble a double Cosmos.

### CYRIL KOCH

A flame bronze, very rich colored variety of exceptional habit and growth, running 4 to 5 feet high in the bench. This variety has been one of the most admired of our entire collection.

### DAINTY

The buds are reddish bronze, the opening flowers a yellowish pink and the full open flowers a delicate rose pink. The flowers are small and daisy-like. It is altogether a simple and beautiful variety and well named "Dainty."

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



GODFREY'S TRIUMPH

**DOROTHY BORDEN TAYLOR**

An exquisitely graceful deep crimson with large golden center and old gold reverse. The flowers of this variety are very much separated on the stem and of immense size and texture. Some of the petals reflex quite a little, making it one of the most unique varieties in type that we have had the pleasure of introducing.

**DR. MILLS**

A very handsome canary yellow variety coming into flower November 15th and later, and will be very popular on that account. The growth is stiff and erect and every flower stands out most attractively on the stem.

**ESME WATERS**

Color deep rich yellow and a variety that will be very valuable as a cut flower, as it comes into flower November 15th and later. Very long foot stalks which makes disbudding unnecessary.

**FIREBIRD**

Very bright red Pompon of strong upright growth, flowering in late October.

**GODFREY'S TRIUMPH**

This is named by one of the finest cultivators of Single Chrysanthemums in Europe. In shape it is exquisitely cupped like a Waterlily and the flower is of a bright Buttercup yellow.

**GOLDEN MENSA**

Identical with Mensa in every way except color, which is a bright golden yellow.

**GRETCHEN PIPER**

One of the most admired of the varieties at the flower shows for the last two years. The color is a deep glowing yellow and the flower light and graceful.

**GOLDEN SUN**

One of the most brilliant yellows we have ever seen. Petals very stiff and the several rows of petals on the flowers make it ideal for shipping. Growth particularly strong and vigorous, with luxuriant foliage.

**H. MARIE TOTTY**

We consider this the finest Single we have ever had the pleasure of introducing. Color is a brilliant crimson with scarlet shadings near the center of the flower.

**IDA CATHERINE SKIFF**

Most quickly described as a greatly improved Yvonne; color is a brilliant bronzy amber, flowers large and well placed on the stem, needing no disbudding owing to the length of the foot stalk; an invaluable variety for cut flower work.

**ISABEL FELTON**

Classed in Europe as the very finest yellow; with us the growth is rather tall and the flower has considerably more color than Golden Mensa.

**JULIA QUINLAN**

A gorgeous combination of old rose and bronze and one of the finest varieties we have had for years. The individual stalks are 6 inches or more in length, rendering disbudding unnecessary, giving the flowers a distinct and massive appearance.

**JEANNE SHELLY ADAMS**

A deep rose pink with white zone around the center. The flowers well produced in heavy clusters and the rigid stem holds them up erect and sturdy.

**JOYCE STROWLGER**

A bronzy salmon pink of wonderful substance and texture. It is impossible to describe the true beauty of this particular variety.



LOUISE MAYO (See page 32)

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



JULIA QUINLAN (See page 31)

**KITTY RICHES**

For years we have been trying to produce a pink Single that could be brought into the market early and in this variety we have achieved our ideal. The color is a dainty pink, much like Mrs. Buckingham, and sells on sight.

**LOUISE MAYO**

The most exquisite and beautiful Single we ever introduced. Contains about six rows of petals, the lower four rows of same being deep creamy lavender and the shorter or inner rows a pale gold of enormous size, with stiff, heavy growth.

**LILY NEVILLE**

White, of great substance and size, with solid flowers nicely arranged on the stems. This variety is also adapted for pot plants as well as cut flowers, since it is a dwarf, stiff grower.

**LOUIS SPEARS**

Brilliant chestnut crimson; plant a very strong grower, needs to be disbudded as the flowers are rather closely placed on the stem.

**MARGARET WAITE**

A deep pink sport of the well known late pink Single, Mrs. E. D. Godfrey, differing from the parent in having extra petals, and a much deeper and more pleasing color.

**MARGARET W. WANNER**

Cadmium orange, suffused deep amber bronze, being a seedling of Buckingham and retaining all its hardy characteristics with the added advantage of an additional row of petals.

**MAYOR J. W. SMITH**

A very fine late deep rose pink Single with very stiff, straight petals. A remarkable shipper and a strong, clean, perfect grower.

**MELBA**

A brilliant bronzy red of exceptional merit. The foliage is magnificent, the growth strong and sturdy. One of the most satisfactory varieties seen in many years.

**MENSA**

Purest white. This is a splendid variety.

**MISS ISABELLE**

A sport of Mrs. E. D. Godfrey, and comes to maturity for Thanksgiving Day. Bronze color with a silvery reverse to the petals.

**MISS MARY ISABELLE**

Blush white in color with a background of clear lavender, needing no disbudding, as the individual flowers are nicely placed on the stems, making it one of the most graceful varieties we have distributed in many years.

**MISS MOLLY**

Color is a brilliant bronzy amber, flowers large and well placed on the stem needing no disbudding.

**MOLLY HUNT**

A glistening white Single with broad, flat petals in striking contrast to its bright yellow center. Free flowering and a variety that will be warmly welcomed as it is the finest white in many years.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

SINGLE CHRYSANTHEMUMS, STANDARD VARIETIES—Continued

**MRS. W. E. BUCKINGHAM**

Midseason pink, has proved itself one of the best varieties for cutting or market purposes.

**MRS. E. D. GODFREY**

Light pink; very finest variety for Thanksgiving market; very strong grower and more largely grown than any other Single.

**MRS. EDWARD HARDING**

A charming new shade, best described as bright claret rose with a warm golden center. Best of all it has a very unusual sweet, spicy fragrance and is a table decoration par excellence, having splendid keeping qualities as a cut flower.

**MRS. ALBERT PHILLIPS**

Deep lavender in color, one of the earliest of the Singles to develop this year; fully open October 5th. When first opening the contrasting color is a lovely cream, charming and beautiful.

**MRS. A. HILES**

Very luxuriant foliage and ideal habits of growth. The petals on the tips are of a clear yellow with veinings and strips of crimson scarlet. A most attractive and distinct variety.

**MRS. JOHN A. STEWART, JR.**

A lovely bronze with yellow zone immediately around the center disc; just the color that associates itself with Autumn foliage.

**OLD GOLD**

A splendid variety commencing to flower November 15th to 30th; in every respect a first-class type. The color is pure, clear old gold, and the foliage is so deeply cut as to resemble a holly leaf. The ensemble is most attractive. The stem is very sturdy and robust and, taken altogether, "Old Gold" is a most desirable variety.

**RIDGEWOOD**

A very heavy, small-flowered Single with quantities of petals, which makes it adaptable for outdoor culture. The color is a lovely clear pink with a bronzy glow overshadowing the petals.



MELBA (See page 32)

**R. COLLINS**

Brilliant tawny bronze, coming to us from Europe. This is a beautiful, strong grower and the flowers are well divided on the parent stem, which makes it ideal to grow as a spray variety. "R. Collins" is a shade of color that is always in demand and to date varieties of this color have been limited. We predict a wonderful future for "R. Collins."

**ROSE F. RICCI**

A lovely clear pink with very brilliant golden center. The petals have a frilled effect that is very beautiful and the individual flowers are gracefully arranged and are divided on the stem.

**ROUPEL BEAUTY**

True American Beauty in color, very large flowers with bright yellow center; very attractive flower and novel color.

**RUTH E. ADAMS**

A beautiful bronzy old gold of very distinct appearance. This variety attracted the attention of everyone who saw it growing in the garden this year.

**VICTORIA MORI**

A beautiful, deep red with a clear gold zone in the center. This variety comes into flower November 1st with an abundance of marvelously colored flowers which shine out very brilliantly among other varieties.

**VIVIAN COOK**

A delightful addition to the already large list of yellow; coming in as it does a week before Golden Mensa, with a larger flower, it fills in nicely. Color is brilliant canary yellow.

**WINIFRED PERRY**

The flowers of this variety are very valuable and beautiful. The color is a pale bronze, shading to salmon pink. Does best when disbudded and it is named in honor of one of the most popular flower painters in London.



R. COLLINS

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

## Large Flowering Pompons

For cut flower work, this type of Chrysanthemum is unexcelled, since it produces long sprays of flowers with the blooms gracefully arranged on the stem. This improved type of Pompon has become very popular within the last five years, and they are now preferred by many people to the smaller or button types.

**Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted**

### ADELAIDE

A splendid, deep, rich mahogany, one of the earliest to develop, being ready to cut by October 10th. Strong, healthy grower and a desirable variety in every way. About 4 feet high when well grown.

### ANNA KUHN

Deep old rose with lighter shadings on tips of petals, the whole flower giving the suggestion of clear Indian red when growing on the plant.

### ANNA L. MORAN

Of all the many Chrysanthemums we have distributed the last twenty years this is our favorite in Pompon section. The color is splendid—a brilliant flame scarlet, so vivid as to be easily the most striking flower in the entire collection.

### BRONZE QUEEN

Almost identical in color with Anna L. Moran but two weeks later in blooming; a brilliant flame red, deepening in color as the flower ages.

### BUDDY

A dwarf Anemone Pompon, very attractive color of yellow and bronze. The flower droops down in a very peculiar manner showing the small disc center to the best advantage.



ANNA L. MORAN



ADELAIDE

### CAPTAIN COOK

Taller in growth than the average Pompon, running the same as Lillian Doty. First Pompon to open and the color is a lovely shade of rose pink far ahead of anything else in its color at the time of blooming.

### DREAM

A very handsome late Pompon and a delightful acquisition to the late varieties. The color is Enchantress pink. Disbudding is unnecessary with this variety as every flower stands well out and shows itself to the best advantage.

### FRANCES HUCKVALE

Gardenia white, with a creamy shaded center. Far in advance of Queen of the Whites or any other Pompon.

### GOLDEN STAR

A very handsome variety, dwarf, erect habit, with stiff stems. The petals are narrow and beautifully whorled, giving a flower of deep yellow and an effect of grace and charm not often seen.

**Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted**

LARGE FLOWERING POMPONS—Continued

**H. R. H.**

Clear lavender of the Doty type, but superior in the general make-up of the flower. Growth stocky and robust. If the center bud is removed from the shoot it makes a marvelous spray without any other disbudding.

**JULIA DE WITT**

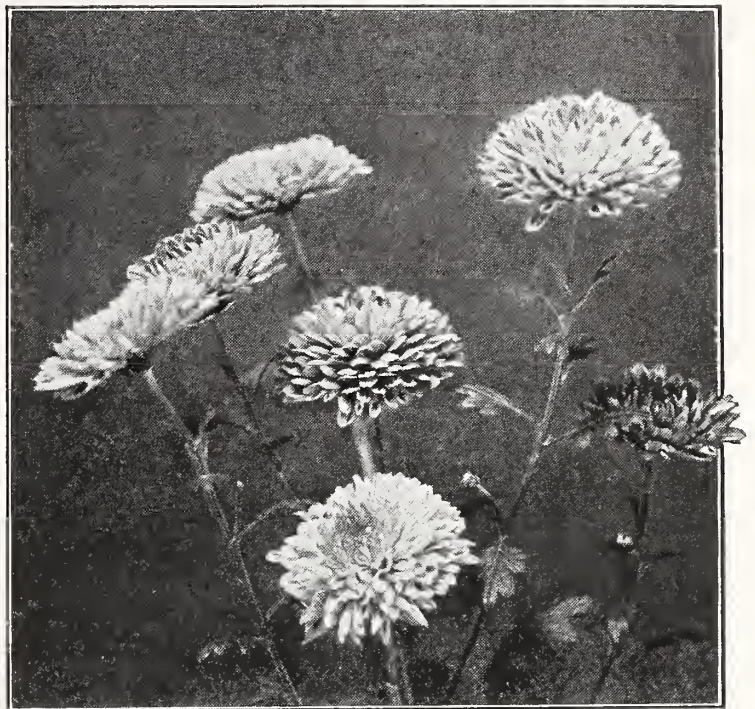
Bright bronzy amber with deeper shadings. A dainty and exquisite variety.

**LUGANO**

A brilliant lemon yellow Pompon, shading to golden yellow. A most productive variety that can be grown either disbudded or in sprays, and when disbudded the flowers measure 3 to 3½ inches across. When grown in sprays the flowers are placed on stiff stems. This Pompon is a valuable acquisition to the commercial grower, as it has excellent keeping qualities. Very healthy, small foliage, and very rigid stems. 28 to 30 inches high. Matures November 1st.

**MARY ANN**

Light pink in color, a great favorite with the visitors to our establishment this Fall. Excellent in foliage and stem.



ANNA KUHN (See page 34)

**MRS. H. HARRISON**

One of the first of the Pompons to come in flower, being in excellent condition to cut outdoors the middle of October. The color of this variety indoors is a dainty, exquisite blush.

**MRS. J. WILLIS MARTIN**

Crushed strawberry in color. The only variety we have in this shade of outdoor Chrysanthemums. One of the most beautiful varieties we have ever introduced, and on account of its exquisite shade is very popular.



BUDDY (See page 34)

**MISS HELEN TAIT**

A particularly vigorous pink, almost too large for a Pompon, but makes a wonderful show in the garden. Flowers very resistant to weather conditions and will keep outdoors in good condition for weeks.

**MRS. FRANCIS H. BERGEN**

Creamy white, with center of rosy pink, shading to lighter pink in the outer edges. As the flower ages it changes to a charming pale lavender.

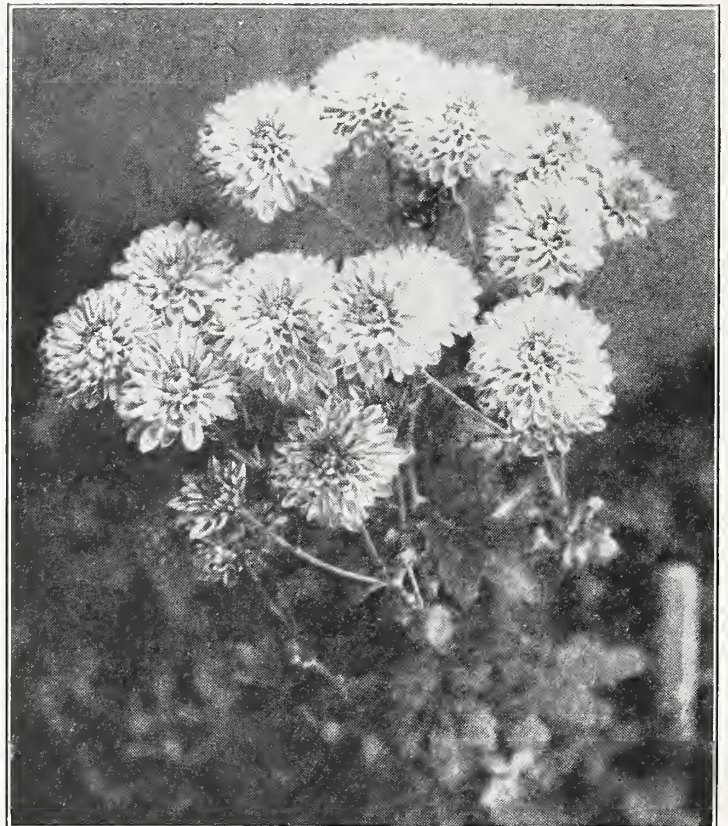


MRS. H. HARRISON

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



DREAM (See page 34)



LUGANO (See page 35)

**MRS. HENRY F. VINCENT**

An exquisite shade of fawn and bronze with salmon pink shadings. This variety also is very strong in growth and the foliage is perfect in every way.

**MRS. NELLIE KLERIS**

This variety is an improved Lillian Doty, but the color is more evenly diffused over the flower. The blooms are equally as large as Lillian Doty, but better divided on the stems.

**MRS. G. W. WICKERSHAM**

Large, snow white flowers on long stems that are splendid for cut flower work.

**NUBIAN**

A rich, reddish bronze coming into flower ahead of any other of its color which makes it extra valuable. Fine sprays on long stems. We recommend this highly.

**NELMA PUTNAM**

The outer petals of this variety are rose pink shading to pinkish bronze in the center and the very center of the flower is creamy yellow. The color effect is very pretty.

**PINK POPCORN**

A counterpart of the white in every way except color, and this is a clear, handsome shade of pink.

**RED DOTY**

Wine red, with a silvery reverse on underside of petals and showing up distinctly in the short, crisp, center petals. A duplicate of Doty in form and habit and three times as large as that favorite variety.

**SHAKER LADY**

Bright tyrian pink and one of the best we have introduced. Strong, healthy growth with the flowers well placed, showing up the individual flowers to the best advantage.

**WHITE POPCORN**

Lovely ball of pure white, ideal in growth, with very stiff stems. Flowers are well divided on the spray. One of the best cut flower varieties.



MRS. J. WILLIS MARTIN (See page 35)

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



# HARDY POMPON CHRYSANTHEMUMS

## Standard Sorts

Frequently known as the Button Type

These are the latest flowering Chrysanthemums of all to bloom and many times their flowering heads are seen above the first snows. This type will be found in practically all the old-fashioned gardens. The best known of the many types of Chrysanthemums.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

### BABY DOLL

A pale yellow with rosy center and deep pink edging on the petals. Minute variety of Pompon with dwarf habit.

### BECKY McLANE

Small bronze late flowering Pompon in full flower for Thanksgiving or can be held later if desired.

### CLARA JAMESON

Lovely combination of bronze and scarlet. One of the showiest varieties in our garden this past Fall; keeps blooming profusely even after heavy frost.

### CHRISTMAS GOLD

This variety is a small golden yellow and does not flower until December, making a very valuable late flowering sort.

### CORA BUHL

Resembles Golden Climax in growth and form of flowers. The deepest of all yellow Pompons. 3½ feet high. In full flower October 25th.



LILIAN DOTY (See page 38)

### DONALD

Light pink, very fine grower, large and sturdy, flowering outdoors in a sheltered situation up to Thanksgiving.

### DELPHINE DODGE

Rose pink variety changing to a creamy white, shaded lavender as flower ages.

### GILDA

Bright orange, flowering October 25th, very free flowering, with dwarf, rigid growth.

### GOLDEN CLIMAX

Orange yellow. In our opinion the finest of the many yellows now in cultivation, possessing every necessary qualification. Truly named, as it does not seem possible to improve on this variety.

### GOLD COIN

A large flowering Pompon of brilliant yellow, flowering for Thanksgiving. A very free flowering variety.

### HILDA CANNING

Reddish bronze, button Pompon. Very fine sort.

### NEW YORK

Bronze seedling from Hilda Canning. Flowers November 1st. One of the best in bronze.



DELPHINE DODGE

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

HARDY POMPON CHRYSANTHEMUMS, STANDARD VARIETIES—*Continued*

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**LILLIAN DOTY**

It is much the finest pink in the large flowered section of the entire Pompon family. The plant is a tremendous grower, producing beautiful sprays of clear, light pink flowers.

**MARY PICKFORD**

One of perfect form, petals reflex at maturity nearly to stem, forming a ball of pure white.

**MRS. FRANK WILCOX (Mrs. Frank Beu)**

Color reddish orange, splendid variety for Thanksgiving use.

**NOVEMBER GOLD**

Very large flowering, bright golden yellow, flowering the early part of November.

**NUGGETS**

A lovely clear shiny yellow, ideal either when grown as a pot plant or for cutting in graceful sprays. November 1st to 15th.

**PAULINE WILCOX**

Bronze with red and gold shadings running out to a lighter color at the tips of the petals. Stem very stiff and the flowers are well divided on the cluster.

**PETITE**

Dwarf yellow of Baby Pompon type, ready to cut November 1st and well worth growing along in the list of newer Pompons.

**RED WILCOX**

A bright red sport of the popular late flowering "Mrs. Frank Beu."

**ROWENNA**

Light bronze Pompon, splendid for Thanksgiving.

**SNOWBANK**

As its name implies, a snow white Pompon which when grown en masse without being disbudded looks like a veritable bank of snow.

**SNOWBIRD**

Beautiful white Pompon with creamy yellow edge. Foliage frost resistant.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**PETITE****UVALDA**

Pure glistening white Pompon, in full flower October 15th. A fine early flowering sort.

**VARSAITY**

Yellow Button Pompon, flowering in early November.

**WESTERN BEAUTY**

A deep rose pink, rather late for the shows, but one of the best Pompons ever introduced.

**WHITE DOTY**

A sport of the popular variety, Lillian Doty and a duplicate of the parent in every way except color, which is pure milk white.

**YELLOW DOTY**

One of the finest yellows in the large flowering section of the Pompon. A wonderful grower with flowering stems 4 feet long and a magnificent bright yellow in color.

**ZENOBIA**

Pure yellow. Comes into flower first of all and popular on this account.

Address All Correspondence

**TOTTY'S**

MADISON : : : NEW JERSEY

# Types of Hardy Chrysanthemums

## SINGLES—EARLY FLOWERING—POMPONS



For  
A  
Delightful  
Fall  
Garden

This  
Offer  
Is  
Unsur-  
passed

The collection is specially prepared for the benefit of those customers who have never grown Hardy Chrysanthemums, and therefore are not familiar enough with the different types to know definitely what to order. This assortment comprises an equal number of each type; all entirely satisfactory and in all shades of color, and we will send our own selection of

**100 Assorted Plants, \$15.00**

If a customer desires some particular color—or a greater quantity of some one color, and will state this when ordering, we will endeavor to meet their wishes, insofar as it is possible for us to do so.



THE PRESIDENT HOOVER ROSE

# Novelty Rose Introductions for 1930

## FOR GREENHOUSE FORCING

### PRESIDENT HERBERT HOOVER (CODDINGTON)

Parentage: Sensation X Claudius Pernet

“President Hoover” is a glorious Rose, wonderfully free in the easy manner in which it grows and charming in its color arrangement, which is a splendid combination of cerise pink, flame, scarlet and yellow, and this combination gives the most dazzling color effect ever seen in any Rose. It is one of the most cheerful Roses imaginable. The flower is large and the bud beautifully pointed. The petals are broad and thick, retaining this characteristic days after the flowers are open. It is a splendid keeper, much on the order of “Pernet” in this respect.

The exquisite fragrance of this Rose is one of its strongest points, and after twenty-five years of introducing new Roses, we have never had a Rose to compare with it in fragrance. It makes 3 feet breaks, without pinching and everyone will be delighted with its growing habits.

It is a selection from over forty thousand seedlings originated by Mr. Coddington and was awarded the Gold Medal at the International Flower Show in New York, 1929, as the **Novelty Rose** of the year, also Gold Medal at the New Jersey Show in November.

The clean, handsome foliage is an added attraction to this handsome Rose.

### LUM'S DOUBLE WHITE

A rejuvenation of the old Double White Killarney, showing an improvement in growth, a larger flower, and a much purer, whiter color. When grow in a house with the old Double White, the superiority of this sport is most apparent. The growth is much longer and the general appearance of the plant better in every way, than the original variety. “Lum’s Double White” was awarded the Gold Medal at the First New Jersey Flower Show held in Newark, N. J., in November, and scored 90 points. If you are looking for a good white Rose superior to anything that has been heretofore introduced, “Lum’s Double White” is the best variety so far appearing.

#### GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$1.00	\$10.00	\$60.00
3 -inch.....	1.20	12.00	70.00
4 -inch.....	1.30	14.00	80.00



E. G. HILL

## Newer Rose Introductions

### GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$0.60	\$6.50	\$50.00
3 -inch.....	.75	7.50	60.00
4 -inch.....	1.20	12.00	70.00

### E. G. HILL

An immense Rose, said to be the largest red forcing variety of true Hybrid Tea character yet produced. It is a cross between two selected red seedlings.

The flower is dazzling scarlet, shading to a deeper pure red as it develops, but never showing purple. It produces long stems naturally and the foliage develops freely and is of fine color. A great producer and an unusually good keeper, as was shown when it was up for exhibition. The bud is unsurpassed in beauty—except by the open flower, which is a wonder.



LADY MARGARET STEWART

## LADY MARGARET STEWART

The buds are long and pointed, and when the full double flower opens, the color is the most unique of any Rose ever introduced. In the bud state, it is a glowing scarlet, which as the flower develops, changes to a deep sunflower yellow, heavily veined and splashed orange scarlet. The fragrance is most pronounced in this particular Rose and its lovely orange fragrance is its most charming feature.

### GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$0.60	\$6.50	\$50.00
3 -inch.....	.75	7.50	60.00
4 -inch.....	1.20	12.00	70.00

## JOANNA HILL

The wonderful new yellow Rose pronounced by wholesalers and retailers, as well, to be the best yellow Rose yet introduced.

“Joanna Hill” is a seedling of Amelia Gude and Mme. Butterfly. The blooms are clear yellow, deepening at the center and hold their color under artificial light. It produces strong stems without pinching and can be grown at low cost and sold at a more reasonable price than Souv. de Claudius Pernet.

## MADAME ALEXANDRE DREUX

The golden bronze Rose with scarlet shadings. Free, healthy grower and very free blooming all through the season. The growth is not as heavy as Pernet or Columbia, but the lovely color makes it one of the most sought for new Roses. It is disease-resistant, and its clean, healthy growth makes it easy for the grower to handle. Stock limited. Grafted to order only.

## TALISMAN

A seedling of Ophelia and Souv. de Claudius Pernet, originated by The Montgomery Company. “Like a choice, rare cameo, this new seedling Rose stands out in rich and distinctive relief against any background.” Talisman is already so well known that it needs no further comment.

### GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$0.60	\$6.50	\$50.00
3 -inch.....	.75	7.50	60.00
4 -inch.....	1.20	12.00	70.00



SOUVENIR DE CLAUDIUS PERNET

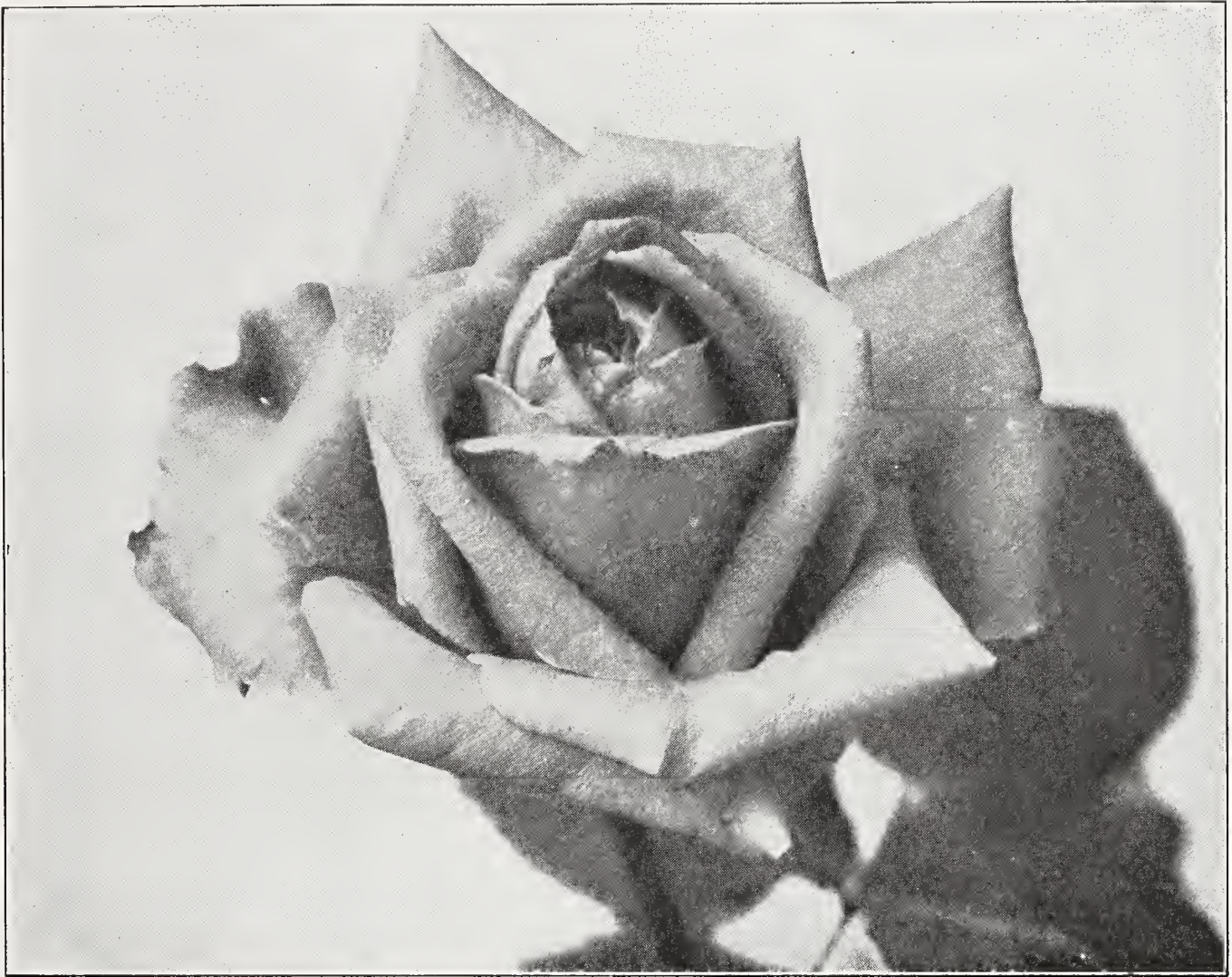
## SOUVENIR DE CLAUDIUS PERNET

Price: \$1.00 each per plant, \$11.00 per dozen, \$90.00 per 100

The most popular forcing yellow Rose to date. We are proud of the wonderful record this Rose has made since we introduced it. The color is a brilliant clear yellow, which does not fade at any time, and the beautiful holly-like green foliage makes a charming contrast for this beautiful flower.

Specially fine stock budded on Odorata, which has been found to be the best stock on which to grow this variety.





MATCHLESS

## STANDARD VARIETIES OF ROSES FOR FORCING

### GRAFTED

Size	Per plant	Per doz.	Per 100
2 $\frac{1}{4}$ -inch.....	\$0.50	\$5.00	\$40.00
3 -inch.....	.60	6.50	50.00
4 -inch.....	.75	7.50	60.00

### BRIARCLIFF

A sport from Columbia, retaining all the good qualities of its parent, color more brilliant than Columbia, being a true rose-pink without any shadings whatever. Long-pointed bud and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

### CECILE BRUNNER

Known under various names, such as Sweetheart, Mignon, etc. Is a dainty, miniature Rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little Rose.

### FRANCIS SCOTT KEY

One of the very finest of all the red Roses for Summer culture. Flowers extra large and full. Splendid variety to grow, as it is not addicted to either black spot or mildew.

### MATCHLESS

The deep, cerise sport of Premier. This is a much superior variety to Premier, as the flowers are larger and the color much finer than the original Premier. It retains its deep pink color during the short days in December and January, and is a splendid midwinter growing Rose. If you grow Premier, by all means try Matchless and you will be delighted with it on account of its superiority to the parent in every way.

### MADAME BUTTERFLY

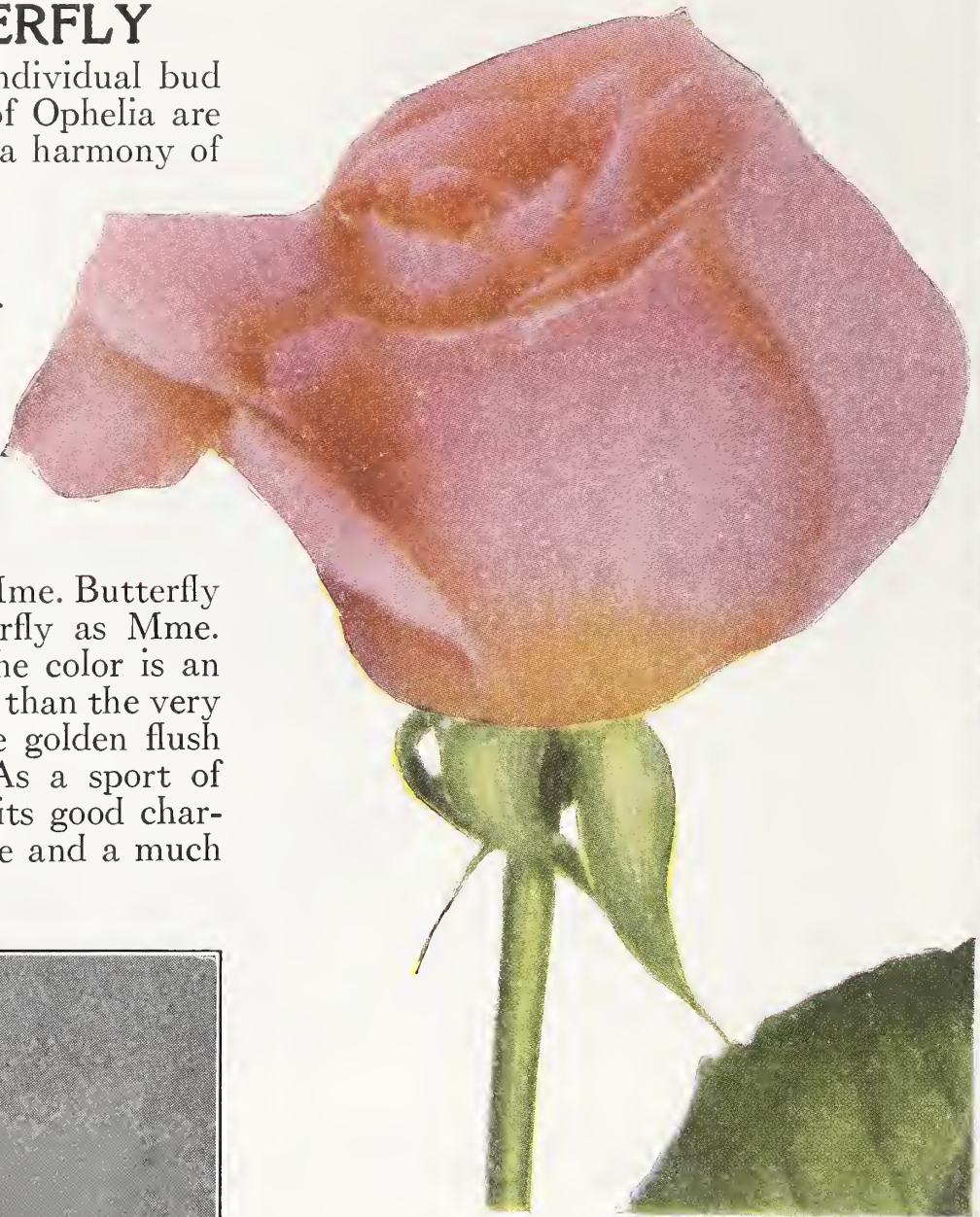
A glorified Ophelia. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold.

### PREMIER SUPREME

Deep rose pink, sport of Premier, with large, high centered flower. Very long in the bud. Dark leathery green, disease resistant foliage.

### RAPTURE

A much improved sport of Mme. Butterfly as far ahead of Mme. Butterfly as Mme. Butterfly was of Ophelia. The color is an exquisite salmon shade, deeper than the very best Butterfly, with the same golden flush as the base of the petals. As a sport of Butterfly, Rapture shows all its good characteristics with a larger foliage and a much heavier growth.



RAPTURE



BRIARCLIFF (See page 45)

### ROSE HILL

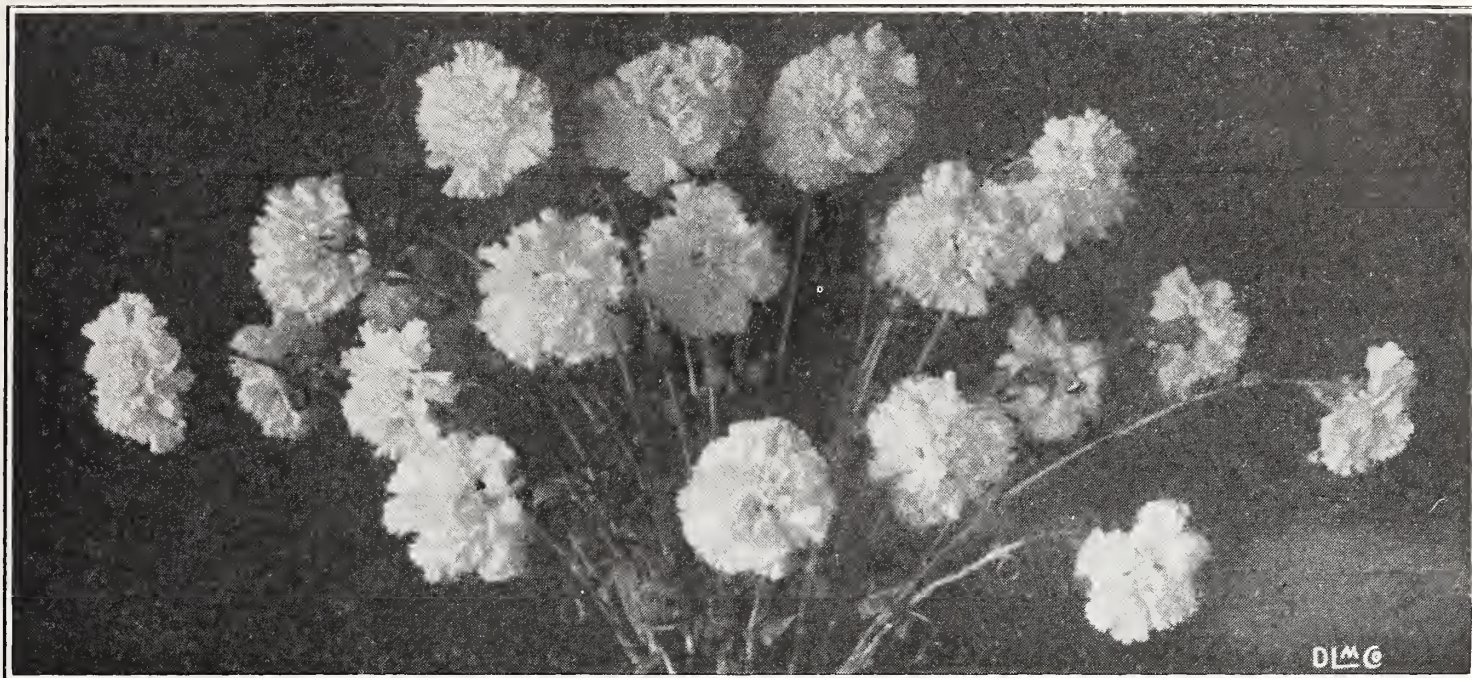
The finest sport of Columbia yet produced. In proof, it has more petals than Briarcliff. The bud is firmer in texture, consequently it is a fine shipper. Self pink of charming brilliance, which does not fade on the reverse of the petal; almost thornless. It will delight the commercial grower and will also prove a jewel in the hands of the average florist and the amateur.

### TEMPLAR

A clear, even shade of red and a color that stays even at all times. Very productive and fragrant and a fine Winter growing variety.

#### GRAFTED

Size	Per plant	Per doz.	Per 100
2 1/4-inch .....	\$0.50	\$5.00	\$40.00
3 -inch .....	.60	6.50	50.00
4 -inch .....	.75	7.50	60.00



MATCHLESS

## CARNATIONS—STANDARD VARIETIES

Owing to the unsatisfactory manner in which rooted cuttings of Carnations travel and the heavy losses sustained on such shipments, we are not accepting orders for rooted cuttings any longer. All of the varieties listed below we can furnish from 2½-inch pots and guarantee them to reach our customer in good condition and give satisfaction.

**Price: 50c. each per plant, \$4.00 per dozen, \$25.00 per 100**

### *Pink*

**BETTY LOU.** Very fine bloom of a beautiful glowing pink. A perfectly round, heavy flower that produces freely from early Fall until Spring.

**HILDA.** A Laddie pink and a slight variegation adds much to its beauty. It is easy to grow and is a free bloomer. This variety is not susceptible to splitting.

**LADDIE.** The color is a warm rose salmon pink; the flowers average 3½ inches in diameter, when it is at the proper stage for cutting and develops to 4½ inches in Winter.

### *Scarlet and Crimson*

**PRINCESS DAGMAR.** Largest and finest Carnation ever produced in crimson; a wonderful keeper and one that we can recommend with confidence.

**RADIOLITE.** A very early, free flowering, brilliant scarlet that is proving very popular with Carnation growers.

**RED LADDIE.** Everyone knows the parent of this wonderful variety. If one wishes to grow a splendid Red Carnation, we strongly recommend Red Laddie for quality, size and color.

**SPECTRUM.** For the grower who figures on a large Christmas cut there is nothing to surpass "Spectrum," a splendid red of the true Christmas color.

### *White*

**IVORY.** The newest pure white Carnation which is rapidly replacing all other white varieties.

**MATCHLESS.** Well named the Matchless White. Blooms early and continuously, easy to handle, and very free. Flowers extra large and wonderfully fragrant.

### *Yellow*

**MAINE SUNSHINE.** This variety is a clear yellow seedling. Its chief point of superiority is its splendid vigorous habit. Most yellow Carnations introduced heretofore have been lamentably deficient in constitution and Maine Sunshine is very popular on account of its fine growing qualities.

### *Variegated*

**RAJAH.** Clear yellow heavily penciled red on individual petals. A good variegated variety.

**ROYAL.** French purple most attractive and unusual in color. Very fragrant and free growing, and to anyone looking for a novel color in Carnations we recommend this variety.

**Price: 50c. per plant, \$4.00 per dozen, \$25.00 per 100**

# TENDER BEDDING and GREENHOUSE PLANTS

## AGERATUM FRASERI

One of the most valuable acquisitions to the bedding plant line in recent years. It only grew about 8 or 10 inches high and was covered the entire Summer with immense trusses of flowers. The plants spread about 12 to 15 inches across. Being an early bloomer and dwarf, compact grower, it makes an excellent pot plant.

**Price:** 2¼-in. pots, 50c. per plant, \$2.50 per doz., \$15.00 per 100. Larger sizes on application.

## AMARYLLIS HYBRIDS

This flower is wonderfully popular, as shown by the exhibitions of the Department of Agriculture, year after year. The show in Washington, D. C., in the early Spring, draws thousands of admirers of this splendid plant. We have a nice lot of flowering size bulbs to offer of the choicest selections of all colors from the American and European collections.

**Price:** \$1.25 each, \$12.00 per doz., \$90.00 per 100



AMARYLLIS HYBRIDS

## BUDDLEIA ASIATICA

This Buddleia differs from Variabilis and others of its type, in that it is not hardy and requires protection. It begins to bloom in December and continues to do so throughout the Winter season, if the plants are kept growing in a warm house. It produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance.

**Price:** \$3.00 per doz., \$20.00 per 100

## BUDDLEIA FARQUHARI

This new Winter flowering Lilac is the first authentic hybrid in the genus. It is of easy culture, flowers during December and January, and is valuable for conservatory and house decoration and as cut flowers.

**Price:** 2½-in. pots, 50c. per plant, \$5.00 per doz., \$35.00 per 100

## EUPHORBIA JACQUINIAEFLORA (Fulgens)

One of the finest and most useful plants that can be grown for Midwinter flowering. It is always a pleasing sight in the large floral shops around Christmas. The lovely, small orange scarlet flowers are produced on long, graceful sprays that are adaptable for any decoration. June delivery.

**Price:** 50c. each, \$5.00 per doz., \$35.00 per 100

## FERNS (For Fern Dishes)

Assorted Ferns in all the best varieties: *CYRTOMIUM falcatum*, *PTERIS mayi*, *P. cretica*, *P. albolineata*, *P. adiantoides*, etc.

**Price:** 2¼-in. pot plants, \$1.50 per doz., \$10.00 per 100

## GERBERA (Jamesoni Hybrids)

Frequently known under the name of the Transvaal Daisy. These Hybrids give a variety of color, but the predominating color is a brilliant scarlet. Produces beautiful Daisy-like flowers about 4 inches across on stems about 15 to 18 inches long. It can be grown outdoors during the Summer and early in the Autumn lifted and potted and placed in a warm greenhouse, where it will bloom throughout the Winter months.

**Price:** 75c. per plant, \$7.50 per doz., \$60.00 per 100



GERBERA JAMESONI HYBRIDS



### HELIOTROPE CENTEFLEUR

Deep blue in color with conspicuous white eye. Our first introduction in the Heliotrope line and a very strong, vigorous grower. It is the most robust of all the varieties and will sometimes grow 2 feet in height in favorable locations.

### HELIOTROPE ELIZABETH DENNISON

A clear Windsor blue in color with large individual trusses of flower growing about 15 inches high. Is also wonderfully fragrant. Won the Medal of Honor at the Panama Pacific Horticultural Exposition in 1915.

### HELIOTROPE ROYAL FRAGRANCE

A deep, rich violet blue Heliotrope, very dwarf in growth, about 10 inches high. The individual trusses of this variety measure from 15 to 18 inches across and the plants are very bushy in habit. Royal Fragrance is marvelously fragrant, as the name implies. Grown in a solid bed, it will bloom continuously from early June until frost. As a border plant it is unsurpassed and the many letters of commendation we have received on this particular variety indicate that the demand this year will exceed the supply. We suggest early ordering.

**PRICE OF ABOVE VARIETIES**

	Each	Per doz.	Per 100
2½-inch pots.....	\$0.30	\$3.00	\$20.00
3 -inch pots.....	.40	4.00	30.00
4 -inch pots.....	.50	6.00	40.00

### STANDARD TREE HELIOTROPE

We have a limited number of Standard Heliotrope plants about 4½ feet to 5 feet high with immense trusses of bloom 8 to 10 inches across, which we offer this season. These are very charming subjects for a Rose or hardy garden and they will bloom practically the entire Summer, in addition to being exceptionally fragrant at all times. We do not recommend these standard Heliotrope being planted out in the garden before June. If taken in the conservatory before frost they will continue to bloom during the Winter.

**Price: \$5.00 per plant, \$50.00 per dozen**

TENDER BEDDING AND GREENHOUSE PLANTS—Continued

**LEMON VERBENA** (*Aloysia citriodora*)

A well known garden plant appreciated for the sweet, lemon-scented foliage, which is extensively used to impart a sweet scent to bunches of flowers lacking in a scent of their own. It is also used in flavoring jellies.

Price: 2¼-inch pots, \$1.50 per dozen, \$10.00 per 100

**NEW BEDDING PLANT, SWEET WIVELSFIELD**

New annual *Dianthus*, the result of a cross between *Dianthus allwoodi* and Sweet-william. Few plants can compare with this for wealth of colors and length of flowering season. They have the sweet fragrance of Sweet-william and make ideal bedding plants.

Flowers are about 2½ inches in diameter and plants attain a height of 12 to 15 inches.

Pot plants will be ready to set out in May and will begin to flower in late June or early July, continuing to bloom until frost if the dead flowers are cut off.

The colors are many and varied from rich red, dark pink, light pink to white. *We cannot supply separate colors.* Plants should be set 10 to 15 inches apart each way. Thrives best in full sun.

Price: 50c. per plant, \$5.00 per dozen, \$35.00 per 100



MIGNON DAHLIAS

**MIGNON DAHLIAS**

These are unsurpassed for bedding plants where quantities of flowers are required during the Summer months. These single flowered Dahlias attain a height of about 18 inches and begin to flower early in June and continue to do so until frost. We are unable to supply separate colors, but can supply them in an assortment containing white, yellow, pink, bronze and red. These should be set out about 18 inches apart early in June either in the border or in solid beds, just as preferred. Where one desires a great deal of color throughout the Summer months, we strongly suggest Mignon Dahlias be grown. Green plants only.

Price: \$3.00 per dozen, \$20.00 per 100

# GLADIOLUS

**Cultural Directions**—Soil should be well prepared in the early Spring, with a good coating of agricultural lime and bonemeal thoroughly worked into the soil, but fresh stable manure should be used only where the ground can be manured the previous Fall and well worked over in the Spring before planting.

Planting for cut flowers should be made in rows 18 inches apart, with bulbs 3 inches apart in the row, covering from 4 to 6 inches, according to the size of the bulbs; press the earth firmly around each bulb. Care should be taken to plant the bulbs right side up, and deep enough so that the new bulb, which forms on top, will not be pushed too near the surface. For succession of bloom, plant from the time the ground can be worked until July 1st.

In cutting the flower spikes, it is ruinous to cut the stalk where the flowers end. There must be some foliage to lend grace. Cut the spikes so as to leave two or three leaves on your bulb root, thus giving you a flower spike sometimes nearly 4 feet long, leaving plenty of strength for the bulb and beauty for the decoration. In shipping, cut blooms of the Gladiolus, it is absolutely essential that they be shipped dry, after standing for a while in water.

**ADRIATIC.** A strange, but most effective mahogany red, with cream throat. Fine for bedding and for decoration. \$2.00 per doz., \$15.00 per 100.

**ALBANIA.** Pure silver white, with edge of petals daintily ruffled. Faint pink markings on tips of petals. \$1.50 per doz., \$10.00 per 100.

**AMERICA.** Too much cannot be said of this beautiful, dainty pink. The flowers are of immense size and of wax-like texture. 60c. per doz., \$4.00 per 100.

**AMERICAN BEAUTY.** Brilliant American Beauty rose with cream throat. Many flowers open at one time, on straight spike. \$2.00 per doz., \$15.00 per 100.

**AMETHYST.** A remarkably strong, open flower of a deep amethyst color, slightly suffused rose. \$2.00 per doz., \$15.00 per 100.

**ANNA EBERIUS.** Dark glowing rose purple, or rhodamine purple, deeper shading in the throat. Strong, upright stem, with well formed, open flowers. \$1.00 per doz., \$7.00 per 100.



ANNA EBERIUS

**BARON JOSEPH HULOT.** One of the finest blue Gladiolus. A deep violet blue with well-opened flowers. \$1.50 per doz., \$10.00 per 100.

**BYRON L. SMITH.** A magnificent flower of pale hortense violet, cream throat. \$2.00 per doz., \$15.00 per 100.

**CATHERINE COLEMAN.** La France pink, overlaid geranium pink, with darker shadings in the throat. One of the most attractive varieties. \$7.50 per doz.

**CHATEAU THIERRY.** Brilliant cerise rose with cream throat markings. Well-opened flowers and many open at one time. \$2.00 per doz., \$15.00 per 100.

**CRIMSON GLOW.** By far the most beautiful red Gladiolus yet on the market. A perfect scarlet of a deep tone. \$1.00 per doz. \$7.00 per 100.

**DESDEMONA.** Immense flowers of ashen rose, striped violet. Dark red blotch, edged cream. A very attractive variety. \$5.00 per doz., \$40.00 per 100.

**DAWN (Tracy's).** The most beautiful coral pink Gladiolus ever offered. A long, graceful spike of magnificently formed flowers all open at one time. \$2.00 per doz., \$15.00 per 100.

**E. J. SHAYLOR.** Clear deep rose, large blooms on strong spike. \$1.00 per doz., \$7.00 per 100.

**EVELYN KIRTLAND.** Charming rose pink blooms, very long stalk. \$1.00 per doz., \$7.00 per 100.

**FAIRFAX.** Fuchsia purple with lighter throat. A good color for gardens and for cutting. \$2.00 per doz., \$15.00 per 100.

**FREDA.** Soft geranium pink, shading lighter, with cream throat. Strong spike and a fine variety for every use. \$2.00 per doz., \$15.00 per 100.

**GOLD.** A pure yellow variety. \$2.00 per doz., \$15.00 per 100.

**GOLDEN MEASURE.** Tall, vigorous spike with many large, pure yellow flowers open at a time. \$2.00 per doz., \$15.00 per 100.

**HARVARD.** A perfect "Harvard" crimson in color. \$1.00 per doz. \$7.00 per 100.

**HENRY FORD.** One of the clearest of dark Fuchsia purples. A self color and most effective under artificial light where it glows with intense color. \$2.00 per doz., \$15.00 per 100.

**KIRCHOFF'S VIOLET.** A most satisfying deep blue purple with flowers larger than the very popular Baron Hulot. \$5.00 per doz., \$40.00 per 100.

**KRINKLES.** Intensely ruffled, light tyrian rose pink. \$2.50 per doz. \$22.50 per 100.

**LE MARECHAL FOCH.** Very large heavily ruffled, salmon pink, stem tall, stout, straight. \$1.50 per doz. \$8.00 per 100.

**L'IMMACULEE.** A truly wonderful spike of pure white flowers with great keeping qualities. \$1.50 per doz., \$10.00 per 100.

**MARY FENNEL.** One of the patricians of the garden. Beautiful light lavender flowers on a tall slender spike, lower petals penciled with primrose yellow. \$1.00 per doz., \$7.00 per 100.

**MRS. DR. NORTON.** A pure soft white with tips of petals suffused La France pink. \$1.00 per doz., \$7.00 per 100.

**MRS. FRANCIS KING (The Original).** A most beautiful "Besnard shade" flame pink. A magnificent variety. 60c. per doz., \$4.00 per 100.

**MRS. FRANK PENDLETON.** A spectacular variety, producing large, well-expanded flowers, light pink, heavily blotched with blood red in throat. 75c. per doz., \$5.00 per 100.

**MRS. WATT.** Glowing American Beauty shade, self color, well opened flower. \$1.00 per doz., \$7.00 per 100.

**NANCY HANKS.** A new California offering. Beautiful flowers of soft yellow, overlaid peach salmon. Very fine, open flowers on graceful spike. \$3.50 per doz., \$30.00 per 100.

**ODIN.** Exquisite deep salmon rose, suffused orange with broad red spear on lower petals. Very large flowers and early. \$1.00 per doz., \$7.00 per 100.



CRIMSON GLOW

**ORCHID LADY.** A very beautiful shade of orchid lavender, slightly deeper than that of a Cattleya Orchid. Delicate in its tone, with a silvery sheen. There are absolutely no lines; deep in the throat a touch of cream that adds to its beauty. The flowers are very large. \$1.00 each, \$10.00 per doz.

**OSALIN.** Soft salmon rose, suffused salmon. Magnificent flowers of a most unusual coloring. \$3.50 per doz., \$30.00 per 100.

**PEACE.** A grand white flower very large, with pale violet feathering on interior petals; flowers correctly placed on a tall, graceful spike. Plant early as it blooms late. 75c. per doz., \$5.00 per 100.

**PEARL OF CALIFORNIA.** Large blossoms of soft La France pink, blending to a rose throat. A sensational Californian variety. \$2.50 each, \$25.00 per doz.

**PINK PERFECTION.** True La France pink. The soft coloring and magnificent texture of the flowers make it one of the choicest varieties. \$2.00 per doz., \$15.00 per 100.

**PINK WONDER.** The sensational new pink Gladiolus, in color a shade lighter than Panama, base of petals light corn yellow, feathered rose. \$1.00 per doz., \$7.00 per 100.

**PRINCE OF INDIA.** A dull old rose, suffused and streaked with purple, with wide open flowers, many open at one time. A unique and attractive variety, well worth trying. \$5.00 per doz., \$40.00 per 100.

**PRINCE OF WALES.** A clear grenadine pink or deep buff, with throat markings of a deeper tone. A long, graceful spike. \$1.00 per doz., \$7.00 per 100.

**PRINCEPS.** Known as the thousand dollar flower. Brilliant scarlet crimson, carrying mostly three white blotches on lower petals. \$2.00 per doz., \$15.00 per 100.

**PURPLE GLORY.** Ruffled flowers of deep velvety purple. \$2.00 per doz., \$15.00 per 100.

**ROSE ASH.** Ashes of Roses. A variety which has attracted much attention. Very large flowers. \$1.00 per doz., \$7.00 per 100.

**SCARLET WONDER.** Large, brilliant velvety dark scarlet blooms, many open at one time. A glowing subject for garden planting. \$2.50 per doz., \$22.50 per 100.



**SWEET BRIER.** Very charming delicate shell pink, throat stippled with faint carmine. A superb Gladiolus and most effective with yellow and lavender varieties. \$2.50 per doz., \$22.00 per 100.

**SWEET LAVENDER.** A lovely combination of light lavender and pink, blending into a creamy throat. Most attractive variety. \$1.00 per doz., \$7.00 per 100.

**TACOMA.** A new Gladiolus of great charm; long, sturdy spike of light geranium pink blooms overlaid with silver; tips darker. Many blooms at one time. \$1.50 each, \$10.00 per doz.

**WANITA.** One of the finest of recent introductions. Very large, luscious blooms of soft La France pink, overcast with beautiful lavender sheen, tips darker. Immense spike of many open flowers. \$2.00 each, \$20.00 per doz.

**WHITE WONDER.** A superb Lily-like flower of pure white, without markings. Splendid for forcing and fine for the garden. \$2.00 per doz., \$15.00 per 100.

**YELLOW PRINCE.** A choice addition to the yellow Gladiolus. A clear pinard yellow with the flowers well placed on a willowy stalk. Fine in combination with all lavenders. \$1.00 per doz., \$7.00 per 100.

**AMATEUR MIXTURE.** Includes all of the best varieties selected from the collections of the best hybridizers and growers of both American and European countries. All varieties have been selected with a view of eliminating all colors which do not harmonize either in cut flowers or garden planting, giving a most interesting and satisfactory mixture to grow. \$5.00 per 100, \$40.00 per 1000.

## Named Varieties of Primulinus Hybrids

**ALICE TIPLADY.** The queen of the Primulinus type. A soft, coppery bronze. In color, texture and contour, nothing surpasses this variety. 75c. per doz., \$5.00 per 100.



ROSE ASH

**ALTAIR.** Magnificent blooms of salmon saffron. One of the choicest. \$2.00 per doz., \$15.00 per 100.

**BUTTERBOY.** Pure buttercup yellow of perfect form. \$2.00 per doz., \$15.00 per 100.

**BUTTERFLY.** Salmon pink, tinted yellow, ruffled edge. A very exquisite flower. \$1.00 per doz., \$7.00 per 100.

**GOLDEN BUTTERFLY.** A magnificent, long petaled flower of purest yellow on long spike. A notable addition to the yellow Gladiolus for the discriminating flower lover. \$2.00 per doz., \$15.00 per 100.

**JEWEL.** A splendid combination of apricot and yellow. Not a hooded Prim., and a very attractive variety. \$1.00 per doz., \$7.00 per 100.

**MING TOY.** Deep buff yellow, large flowers of finest form. \$2.00 per doz., \$15.00 per 100.

**ORANGE QUEEN.** Gorgeous but unusual combination of apricot and orange; a color not found in other Gladiolus. Outstanding in every exhibit. \$2.00 per doz., \$15.00 per 100.

**PEG O'MY HEART (DR. HALL).** The best lavender Primulinus. Charming, pale blue violet, clear coloring with delicate, cream throat. \$2.00 each, \$20.00 per doz.

**SOUVENIR.** Deep clear yellow; finest of its shade in this type. \$1.00 per doz., \$7.00 per 100.

**TOPAZ.** Deep salmon pink, with strong tints of cadmium orange. A gem in color and form. \$1.00 per doz., \$7.00 per 100.

**WHITE BUTTERFLY.** All white with cream throat. Another very popular small, dainty white. \$2.00 per doz., \$15.00 per 100.

## Mixtures of Primulinus Hybrids

### PRIMULINUS HYBRIDS.

Obtained by crossing the species Primulinus with the larger varieties. They have retained all the daintiness and graceful form of their Primulinus parent, even to the "hood" formed by the drooping of the upper petal and have an added beauty of exquisite coloring, from the softest primrose to a beautiful rose. 75c. per doz., \$5.00 per 100.

*For the convenience of our customers in carrying out color schemes in their gardens we have grouped the varieties under separate colors*

#### PINK SHADES

AMERICA	MRS. FRANK PENDLETON
BUTTERFLY	ODIN
CATHERINE COLEMAN	OSALIN
DAWN	PEARL OF CALIFORNIA
E. J. SHAYLOR	PINK PERFECTION
EVELYN KIRTLAND	PINK WONDER
FREDA	PRINCE OF WALES
KRINKLES	SWEET BRIER
LE MARECHAL FOCH	TACOMA
MRS. FRANCIS KING	TOPAZ

WANITA

#### YELLOW SHADES

BUTTERBOY	JEWEL
GOLD	MING TOY
GOLDEN BUTTERFLY	NANCY HANKS
GOLDEN MEASURE	SOUVENIR

YELLOW PRINCE

#### WHITE SHADES

ALBANIA	PEACE
L'IMMACULEE	WHITE BUTTERFLY
MRS. DR. NORTON	WHITE WONDER

#### FLAME AND ORANGE SHADES

ALICE TIPLADY	ALTAIR
	ORANGE QUEEN

#### SCARLET AND CRIMSON SHADES

AMERICAN BEAUTY	HARVARD
CHATEAU THIERRY	MRS. WATT
CRIMSON GLOW	PRINCEPS

SCARLET WONDER

#### VIOLET AND BLUE SHADES

AMETHYST	MARY FENNEL
BARON JOSEPH HULOT	ORCHID LADY
BYRON L. SMITH	PEG O'MY HEART
KIRCHOFF'S VIOLET	SWEET LAVENDER

#### ODD SHADES

ADRIATIC	HENRY FORD
ANNA EBERIUS	PRINCE OF INDIA
DESDEMONA	PURPLE GLORY
FAIRFAX	ROSE ASH

# ROSES FOR OUTDOOR PLANTING

## Cultivation of Roses

*If these cultural directions are faithfully followed, they will insure success*

**The Soil**—Any good garden soil is suitable for Roses, providing it is well drained and rich in fertilizing elements. Cut the plants back well when they are first planted, about 6 inches from the ground, and after the Roses are planted, they should be well firmed in the soil with the foot. This will prevent the roots working up to the top of the soil. Hybrid Tea Roses can be planted 18 inches apart; the Perpetuals 2 feet apart; Climbers 4 to 6 feet apart, depending on the variety and the object desired. Be sure you do not permit any fresh manure to be used at the roots of the plants, as this will burn the roots.

**Mildew and Black Spot**—Sulphur lead dust, applied every two weeks, from May to Fall, or Bordeaux mixture—5 ounces powder to 1 gallon of water. (This discolors foliage lightly).

**For Sucking Insects—Aphis, etc.**, that curl the leaves and spoil the buds. 1 teaspoon Blackleaf 40, 1 ounce laundry soap, melted, 1 gallon of water.

**For Leaf-eating Insects, Worms and Beetle**—1 ounce arsenate of lead, 1½ gallons of water.

**Combination Fungicide and Insecticide**—Pyrox, Bordeaux mixture and arsenate of lead, 5 ounces of Pyrox to 1 gallon of water, 1 teaspoonful of Blackleaf 40.

**Fertilizer**—Commercial tankage may be applied once a month, one handful to each bush, well raked in. If possible to procure some well rotted cow manure, put on during August as a mulch, or apply liquid cow manure diluted until it is the color of strong tea, one small dipperful to each bush twice a month until September 1st.

**Watering**—Soak the beds once every ten days and spray plants twice a week with as much force as possible with a nozzle on the hose. This helps control insects and keeps the wood soft enough to grow. This should be done early in the morning or sufficiently early in the afternoon so they will not be wet overnight.

**Cultivation**—Stir the soil frequently, but do not cultivate deeper than 2 to 3 inches as the fine feeding roots must not be disturbed.

**Pruning**—The blooms must be cut off so as to induce new, strong shoots. The best shoots that make long-stemmed Roses come from the lowest 6 inches of the bush, so prune severely if long stems are desired. Do not prune after September 1st, as the new growth thereafter will be too soft to live over the Winter.

**Protection**—Before the ground freezes, the soil should be drawn up to the base of the plant in a mound 7 to 8 inches high. After the ground has frozen cover the entire bed with straw or dry leaves, placing evergreen boughs on the top to prevent the leaves blowing away. Do not uncover too early, as the Spring sun and winds cause great damage. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy as far north as Winnipeg.



RADIANCE



RED  
RADIANCE

Totty's  
Best  
Dozen  
Roses  
for \$10.00



Totty's  
Best  
Dozen  
Roses  
for \$10.00

REV. F. PAGE-ROBERTS



MADAME  
BUTTERFLY



SOUVENIR  
DE CLAUDIUS  
PERNET

# TOTTY'S BEST DOZEN ROSES

The following Roses are selected as being a dozen varieties that can be absolutely depended on to give good results in practically all sections of this country.

This is a list we particularly recommend for amateurs who wish a good collection of the different varieties and still have no opportunity to make their own selection from plants in flower. We are making a special price on the following dozen for \$10.00 and all of the plants will be fine, strong stock, guaranteed by us to give satisfaction. Prices on individual plants listed on following pages.

## TOTTY'S BEST DOZEN ROSES for \$10.00

### BETTY UPRICHARD

Copper red buds, opening to semi-double flowers of above average size; brilliant orange carmine on outer surface of petals, showing light salmon reflexes; spicy fragrance. Strong growing, persistent blooming and healthy.

### DUCHESS OF WELLINGTON

Intense saffron yellow stained crimson, long-pointed flowers of wonderful fragrance and very productive.

### ETOILE DE HOLLANDE

Brilliant red blooms of magnificent size, perfect in half open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Plants branching; particularly free flowering and healthy.

### LADY MARGARET STEWART

A Rose of unique and distinct color, the flowers in the young stage are a deep sunflower yellow, heavily veined and splashed with orange scarlet with the reverse of the petals deeply suffused with carmine. As the flower develops, these colors intermingle, forming a most beautiful cadmium orange effect. The bud is long and pointed, opening to a full double flower.



BETTY UPRICHARD

### MADAME BUTTERFLY

A glorified Ophelia. It is altogether more vigorous in growth than its parent Ophelia, as grown side by side in our establishment.

### MADAME EDOUARD HERRIOT

Color of this Rose is a gorgeous combination of reddish terra cotta and bronze with flame shadings; almost impossible to describe, foliage bright and glossy and practically mildew proof. Artists have raved over this variety for many years in Europe.

### MADAME JULES BOUCHE

One of the finest garden Roses in the white section; of splendid form, and a very strong grower. We cannot too highly recommend Mme. Jules Bouche to any grower looking for a good white variety.

### MRS. CHARLES BELL

Lovely shell pink buds and blooms of fine globular form with shadings of soft salmon; sweetly perfumed. The plants are notably strong and bushy, bearing good foliage seldom attacked by disease.

### RADIANCE

A splendid and popular Rose, deep pink in color. Will produce 3 foot breaks without pinching; almost mildew proof, and a wonderfully fine Rose to handle.

### RED RADIANCE

A duplicate of its parent in every respect save color which is a brilliant red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.

### REV. F. PAGE-ROBERTS

A most beautifully shaped, long bud and a full, double flower of a rich orange gold, shading to a saffron yellow; growth vigorous and very free flowering. The most beautiful Rose of its color yet introduced.

### SOUV. DE CLAUDIUS PERNET

Still the premier yellow Rose for the garden. This variety is clear shining yellow with very glossy foliage. The growth of the plant is sturdy and clean and it has made a mark for itself in all sections of the country, as being the yellow Rose of the century.

Totty's Best Dozen Roses for \$10.00

# THE NOVELTY ROSE INTRODUCTION FOR 1930

## "PRESIDENT HOOVER"

(CODDINGTON)

This is a glorious Rose, wonderfully free in the easy manner in which it grows and charming in its color arrangement which is a splendid combination of cerise pink, flame, scarlet and yellow, and this combination gives the most dazzling color effect ever seen in any Rose. It is one of the most cheerful Roses imaginable. The flower is large and the bud beautifully pointed. The petals are broad and thick, retaining this characteristic days after the flowers are open. It is a splendid keeper, much on the order of "Pernet" in this respect.

The exquisite fragrance of this Rose is one of its strongest points and after twenty-five years of introducing new Roses, we can say we never had a Rose to compare with it in fragrance. It is wonderfully free flowering and everyone will be delighted with its habit of growth.

It is a selection from over forty thousand seedlings originated by Mr. Coddington, and was awarded the Gold Medal at the International Flower Show in New York, 1929, as the best undisseminated Novelty, and the Gold Medal at the New Jersey Flower Show in November.

**Dormant, 2-year old plants, March and April delivery**

**5 in. pot plants, delivery May 1st and later**

**Price: \$2.50 per plant, \$25.00 per dozen**

## NEW AND LITTLE KNOWN VARIETIES

### MRS. HERBERT HOOVER

The most vivid glowing red Rose that we have ever introduced. While the individual flowers are smaller than many of the red varieties grown today, still it produces quantities of flowers at all times. It is exquisitely fragrant and with its beautiful clean foliage it is an acquisition to any Rose garden.

**Price: \$2.50 each, \$25.00 per dozen**

### MRS. SAM MCGREDY

A beautiful combination of scarlet coppery orange, heavily flushed with Lincoln red on the outside of the petals which colors give a rich and dazzling effect. Particularly brilliant in sunshine which seems to illumine the flower and a bed seen under favorable conditions is a wonderful sight. Sweetly scented with dark reddish bronze green foliage that is mildew proof.

**Price: \$3.00 each, \$30.00 per dozen**

### DORINA NEAVE

A beautiful silvery pink. Large, fragrant flowers. Very fine, strong grower and most productive.

**Price: \$1.50 each, \$15.00 per dozen**

### PORTADOWN

Deep crimson with velvety sheen beautifully formed flowers reminding one of "Mrs. H. Morse" at its best. Continual free bloomer with nice, glossy foliage.

**Price: \$2.50 each, \$25.00 per dozen**

### PORTADOWN BEDDER

The charming combination of unusual colors of this Rose make it one of the most sought after varieties. Petals orange yellow on the outside, cerise flush deepening toward the edge and on the inner petals is a scarlet cerise on an orange background. Very free flowering with beautiful green foliage.

**Price: \$2.50 each, \$25.00 per dozen**

### GLADYS BENSKIN

A most striking Rose. The color of the long-pointed buds is salmon cerise over golden yellow, with deep yellow veinings. Very vigorous, free branching growth and perpetual flowering.

**Price: \$2.50 each, \$25.00 per dozen**

**LADY LESLIE**

In the bud form, this variety is rosy scarlet passing to scarlet carmine, suffused saffron yellow on a yellow base. This variety is not alone very handsome in its color but also has very healthy gray green foliage.

**Price: \$2.50 each, \$25.00 per dozen**

**RUDOLPH VALENTINO**

A brilliant shade of shrimp pink or coral red with golden coppery suffusion heightened by the reflection from the golden base and reverse of petals. Very strong, vigorous grower, delicately scented.

**Price: \$2.50 each, \$25.00 per dozen**

**E. G. HILL**

The flower is dazzling scarlet, shading to a deeper pure red as it develops. It produces long stems naturally and the foliage develops freely and is of fine color. The bud is unsurpassed in beauty—except by the open flower, which is a wonder.

**Price: \$2.00 each, \$20.00 per dozen**

**GOLDEN DAWN**

An Australian Rose of light lemon yellow splashed crimson, very strong, free flowering habits and fine foliage.

**Price: \$1.50 each, \$15.00 per dozen**



MARION CRAN (See page 60)

**JOANNA HILL**

This is a seedling of Amelia Gude and Mme. Butterfly. It is a very free flowering Rose of clear yellow, deepening at the center to an orange yellow.

**Price: \$2.00 each, \$20.00 per dozen**

**DAINTY BESS**

One of the daintiest colored Single Roses we have ever had the pleasure of introducing. This has large single flowers delicately crinkled on the edge of the petals of orange pink with conspicuous center of crimson stamens. A beautiful variety for table decoration or used as a cut flower.

**Price: \$1.50 each, \$15.00 per dozen**

**DUCHESS OF ATHOL**

Old golden orange, flowering peach pink. A beautiful, strong grower and very profuse blooming variety. Should be extremely popular on account of its unusual color.

**Price: \$1.50 per plant, \$15.00 per dozen**

**ETOILE DE HOLLANDE**

Brilliant red blooms of magnificent size, perfect in half open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Plants branching; particularly free flowering and healthy.

**Price: \$1.50 each, \$15.00 per dozen**

**EVEREST**

An immense Rose of ivory white, known as the largest Rose yet raised. When fully developed it resembles a Peony on its long, stiff stems. Hybrid Tea in type, with the vigorous growth of a Hybrid Perpetual. Considered one of the finest white Roses ever grown.

**Price: \$1.50 each, \$15.00 per dozen**

**JULES GAUJARD**

Glistening cochineal crimson in the bud, which when fully opened shades to orange rose, extremely free flowering and a strong grower.

**Price: \$1.50 each, \$15.00 per dozen**



LADY MARGARET STEWART

## LADY MARGARET STEWART

A Rose of unique and distinct color, the flowers in the young stage are a deep sunflower yellow heavily veined and splashed with orange scarlet, with the reverse of the petals deeply suffused with carmine. The bud is long and pointed, opening to a full, double flower, of most pleasing decorative form of delightfully sweet scent. This Rose is proving very popular and is being grown in increased quantities this season by the customers who purchased plants since its introduction three years ago.

**Price: \$1.50 per plant, \$15.00 per dozen**

## MAY WETTERN

Bright salmon pink in the bud, deepening flesh pink and when fully expanded is a beautiful bright rose. A very artistic bud and a splendid grower.

**Price: \$1.50 each, \$15.00 per dozen**

## MARION CRAN

The introducer says of this variety: "The color combination is the most wonderful yet seen in any Rose. In the young stage, before the flower expands, the color is deep buttercup yellow, margined and flushed cerise and rosy scarlet. As the flower opens, the outside of the petals retain the color, while the inner side opens a brilliant geranium scarlet, flushed and veined orange and yellow. A very bushy growing Rose. Awarded Certificate of Merit by the National Rose Society of England.

**Price: \$1.50 per plant, \$15.00 per dozen**

## MRS. ERSKINE P. THOM

*The finest yellow garden Rose introduced to date*

A strong, healthy grower, equal in strength to the Radiance type of Rose. Beautiful, dark bronzy green, disease-resistant foliage. Rich lemon yellow flowers, very sweetly scented and a very free flowering variety.

**Price: \$1.50 each, \$15.00 per dozen**



**MISS ROWENA THOM**

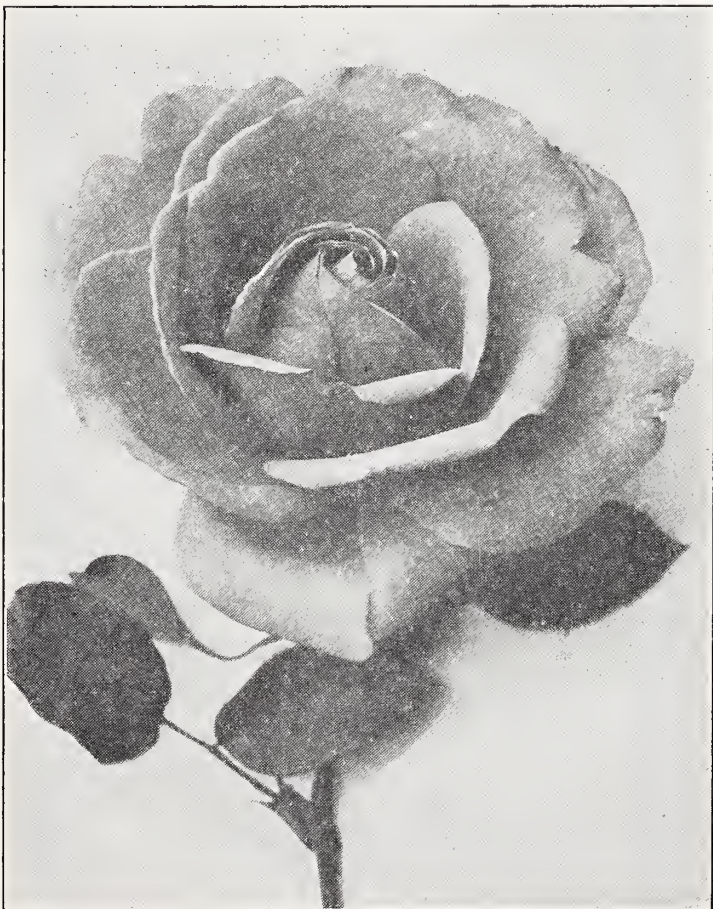
The description given by the introducer of this Rose is as follows: "It is almost impossible to give a true color description of this Rose. It seems as if all the shades of a desert sunset have been caught in all their splendor and held by this beautiful Rose. The deep center glows with vivid oriental red, shading to rose, as the bud expands and gradually passing to delicate mauve in the full blown flower." The flowers are large and borne on stems 30 inches long, which are practically thornless. It is practically disease-resistant and produces many blooms which last well when cut. This variety was awarded the Silver Medal of the American Rose Society.

**Price: \$1.50 per plant, \$15.00 per dozen**

**LORD CHARLEMONT**

Bright scarlet crimson, very free flowering Rose, a good shape and habit, and one that is destined to be very popular as soon as it is generally known. Has been called the best red Rose for outdoor culture introduced to date.

**Price: \$1.50 per plant, \$15.00 per dozen**



MISS ROWENA THOM

**JOHN RUSSELL**

A very handsome, rich red Rose; a brilliant deep velvety crimson. Vigorous, strong growth and a very hardy variety. Awarded the Gold Medal of the R. H. S.

**Price: \$1.50 per plant, \$15.00 per dozen**

**MRS. HENRY BOWLES**

A luminous, deep salmon pink, and a Rose of very striking appearance. Beautifully, long-shaped buds, developing into perfect high-centered full double flowers. A variety that is always in bloom.

**Price: \$1.50 per plant, \$15.00 per dozen**

**MRS. A. R. BARRACLOUGH**

Pink sounds uninteresting in a Rose, there being so many of this shade, but in this new variety we have a most distinct and valuable addition of a bright but soft sparkling carmine pink of an even shade, passing to yellow at the base of the petals. The color does not fade as the flower ages, but appears to become brighter. The bud is long and perfect, and develops into a full, double flower of great size and substance; very fragrant.

**Price: \$1.50 per plant, \$15.00 per dozen**

**REV. F. PAGE-ROBERTS**

A most beautifully shaped, long bud, and a full, double flower of a rich orange gold, shading to a saffron yellow; growth vigorous and very free flowering. The most beautiful Rose of its color yet introduced.

**Price: \$1.50 per plant, \$15.00 per dozen**

**ROYAL SCOT**

A variety of gorgeous coloring with large buds of rich golden yellow with crimson edges, the open flowers are of medium size, semi-double, light yellow with crimson edged petals and are borne several together on long stems, growth vigorous, very profuse flowering, of moderate fragrance.

**Price: \$1.50 each, \$15.00 per dozen**

**VILLE de PARIS**

A rich, buttercup yellow much in the style of Mrs. Beckwith, but with longer buds and larger flowers, and purer in color. The plant is of vigorous growth and very free flowering.

**Price: \$1.50 per plant, \$15.00 per dozen**

# Hardy Garden Hybrid Tea Roses

*Bloom from June to November*

Price: \$1.00 per plant, \$10.00 per dozen, \$90.00 per 100

## AMERICA

Blooms continuously from early June until heavy frost, on stems 2½ to 3 feet long, and the color is the most glorious glowing rose pink imaginable. The buds are long and pointed, and open up most artistically as the outer petals fold back, leaving the high-pointed center fully exposed.

### ANGELE PERNET

Described by the raiser as a vivid orange yellow, shaded fiery deep reddish apricot, it is a beautiful, sweet scented flower that at once attracts attention.

### BETTY

Copper yellow, overspread with golden rose; long, pointed buds.

### BETTY UPRICHARD

Salmon pink, shaded orange cerise.

### CAROLINE TESTOUT

Salmon pink, large and very free; one of the very finest Roses ever produced for any purpose.



FRAU KARL DRUSCHKI

### DAME EDITH HELEN

The plant possesses a strong, vigorous constitution, with large, healthy, dark green foliage. The flowers are produced singly on well foliated strong canes and are of immense size, composed of very substantial, broad petals which curl back prettily, forming a wonderful long pointed bud, which develops into a full, double flower, and is absolutely perfect in every stage of development. The color is a brilliant, yet soft Rose du Barri pink and is delightfully and strongly sweet scented.

### FRANK READER

It is a large, massive flower with high-pointed center, with nicely reflexing petals of great substance, the long buds in first developing are a light lemon yellow, while the flowers in their half-expanded form reveal a heart of golden apricot; it has a delicious rose apple scent.

### FRAU KARL DRUSCHKI

Pure snow white, long pointed buds, large, full flowers. Perpetual type.

### GENERAL MACARTHUR

Deep velvety scarlet; free and erect branching.

### GENERAL JACQUEMINOT

Brilliant scarlet crimson; old favorite; one of best known Roses in cultivation; does well everywhere.

### GRUSS AN TEPLITZ

Bright scarlet crimson; splendid Rose for massing.



GRUSS AN TEPLITZ

### CONSTANCE

Long, orange yellow bud; streaked with crimson; large, full flower; a greatly improved Rayon d'Or.

### DUCHESS OF WELLINGTON

Intense saffron yellow, stained crimson, long pointed flowers of wonderful fragrance and very productive.

Price: \$1.00 per plant, \$10.00 per dozen, \$90.00 per 100

**HOOSIER BEAUTY**

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities.

**INDEPENDENCE DAY**

A novel, flaming yellow shaded copper. When fully opened, is a bright orange pink, very fine, strong grower, producing quantities of flowers throughout the season.

**IRISH CHARM**

A gem of exquisite form and distinct from any variety yet introduced. Strong branching habits, very free flowering with buds and flowers of medium size. The base of the petals golden apricot changing to delicate blush pink as the flower develops.

**IRISH ELEGANCE**

Shapely bronzy pink buds, opening with shades of yellow and apricot. A dainty single flower.

**IRISH HOPE**

Color rich rosy crimson with maroon shading. Wonderfully strong growth with broad petals and very fragrant flowers.

**IRISH SWEETNESS**

An exquisite shade of crimson suffused scarlet, vigorous growth and very free flowering. Wonderfully fragrant and a splendid bedding Rose.

**ISOBEL**

A beautiful single Rose with long, shapely-pointed flowers carmine and orange.

**J. J. L. MOCK**

Inside of petals deep cherry red with outer petals silvery pink; very large flowers borne on long, stiff stems. Has been a favorite of Rose lovers for many years as it is so hardy and satisfactory in every way.



HOOSIER BEAUTY

Price: \$1.00 per plant, \$10.00 per doz., \$90.00 per 100



DAME EDITH HELEN

**KAISERIN AUGUSTE VIKTORIA**

Creamy white, immense substance, petals smooth and nicely arranged. A popular variety.

**KILLARNEY**

Pale flesh pink, flushed deeper pink; very free and perpetual.

**KILLARNEY BRILLIANT**

A duplicate of the original Killarney in all respects, save color, which is far more intense and rich.

**LADY HILLINGDON**

Very free blooming and beautiful, even, coppery yellow in color all through the year and particularly fine.

**LADY ALICE STANLEY**

The outside petals are a deep rose pink; inside pale flesh, slightly flushed with a deeper shading, a most beautiful color combination. Blooms are very large and full, of great substance and productiveness and one of the most fragrant Roses in existence.

**LADY MARY ELIZABETH**

A variety of outstanding merit. Of strong, vigorous, upright, branching habit with good, healthy foliage and very prolific flowering. Flowers delightfully fragrant. Long-pointed buds with deep, substantial petals; in color a brilliant carmine pink.

**LOUISE CATHERINE BRESLAU**

Coral red, shaded chrome yellow, opening to a large, full flower of shrimp pink, shaded coppery orange.

**MARGARET MCGREDY**

Large, beautifully shaped, full, double flowers, entirely distinct from all others in its rich coloring, which is a brilliant shade of Turkish or Oriental red, passing as the flowers age to a beautiful carmine rose. These are borne on long, stiff stems and hold their form and beauty for a long time.

HARDY GARDEN HYBRID TEA ROSES—Continued

**MATCHLESS**

The deep, cerise sport of Premier. We predict that this Rose will take the place of Premier, as the flowers are larger and the color much superior to the original Premier.

If you grow Premier, by all means try Matchless and you will be delighted with it on account of its superiority to the parent in every way.

**MARY PICKFORD**

A novel Rose of merit. In habit of growth, it is strong, vigorous, not unlike Souvenir de Claudius Pernet. Color, an exquisite shade of orange yellow.

**MRS. CHARLES BELL**

Lovely shell pink buds and blooms of fine, globular form with shadings of soft salmon; sweetly perfumed. The plants are notably strong and bushy bearing good foliage seldom attacked by disease.

**MISS LOLITA ARMOUR**

Deep coral red with a golden coppery red suffusion. Base of petals rich golden yellow with coppery red sheen. Strong growing habit and very free flowering.

**MME. JULES BOUCHE**

One of the finest Garden Roses in the white section; of splendid form and a very strong grower. We cannot too highly recommend Mme. Jules Bouche to any grower looking for a good white variety.

**PADRE**

Price: \$1.00 per plant, \$10.00 per dozen, \$90.00 per 100

**MARGARET McGREDY****MME. EDOUARD HERRIOT**

Color of this Rose is a gorgeous combination of reddish terra cotta and bronze with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew proof. Artists have raved over this variety for the past six seasons in Europe.

**MRS. LOVELL SWISHER**

As a garden Rose, will undoubtedly rank with such popular bedding varieties as Radiance, Red Radiance, Lady Ursula, Mrs. William C. Egan, etc. Color, deep salmon copper, merging to salmon pink at the tips of the petals.

**MRS. REDFORD**

One of the most distinctive and desirable Roses of recent introduction. Bright apricot orange—one of the most lovely of this tone of color—an upright grower with holly-like mildew-proof foliage.

**PATIENCE**

Another Gold Medal variety, entirely distinct; a brilliant, scarlet carmine lake; as the flower opens, the color is a deep orange at base, with orange scarlet shadings. The flowers are large, of perfect form, and last a long time in perfection, delicately sweet scented. The plant is a strong grower of free branching, upright habit and a free and perpetual bloomer.

**PADRE**

Most attractive and novel in coloring, with long petals of a coppery scarlet flushed with yellow at the base. Produced on long shoots. Growth strong and upright and exceedingly free flowering.

**ROSE HILL**

The finest sport of Columbia yet produced. In proof, it has more petals than Briarcliff. The bud is firmer in texture, consequently it is a fine shipper. Self pink of charming brilliance, which does not fade on the reverse of the petal; almost thornless,

**PINK PEARL**

A dainty variety always admired, which seems destined to become a universal favorite if it had nothing to recommend it but its delicious fragrance. In color, it is a brilliant, rich cerise pink, the base of the petals touched with gold that lights up the flower wonderfully, particularly in the half expanded bloom. The flowers are full, double, of perfect form and produced most profusely on plants of vigorous, healthy growth.

**RAPTURE**

A much improved sport of Mme. Butterfly, as far ahead of Mme. Butterfly as Mme. Butterfly was of Ophelia. The growth is even freer than Mme. Butterfly and the foliage particularly handsome. The color is an exquisite salmon shade, deeper than the very best Butterfly, with the same golden flush at the base of the petals.

**RADIANCE**

A splendid and popular Rose; deep pink in color. Will produce 3-foot breaks without pinching, almost mildew proof and a wonderfully fine Rose to handle.

**RED RADIANCE**

A duplicate of its parent in every respect save color, which is a brilliant red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.

**ROSE MARIE**

Clear brilliant pink. Was originally distributed as a forcing Rose but later proved itself such a wonderful acquisition as a garden Rose, it was and still is, used for this purpose almost entirely at this time.



**MME. EDOUARD HERRIOT**



**SHOT SILK**

**SHOT SILK**

A charming novelty of superb colorings. Bright cherry pink, overshoot salmon orange, flushed rose with salmon base. Mildew proof foliage. Free flowering, a fragrant and decorative Rose.

**SOUVENIR DE CLAUDIUS PERNET**

Everyone who has grown Claudius Pernet is delighted with it and the demand is still far ahead of the supply. This variety is a clear shining yellow, with very glossy foliage. The growth of the plant is sturdy and clean and it has made a mark for itself in all sections of the country as being the yellow Rose of the century.

**SOUVENIR DE H. A. VERSCHUREN**

The color resembles Sunburst and Lady Hillingdon, but is much larger and more double in flower; attractive both in bud form and when fully developed. An ideal bedding Rose for the garden.

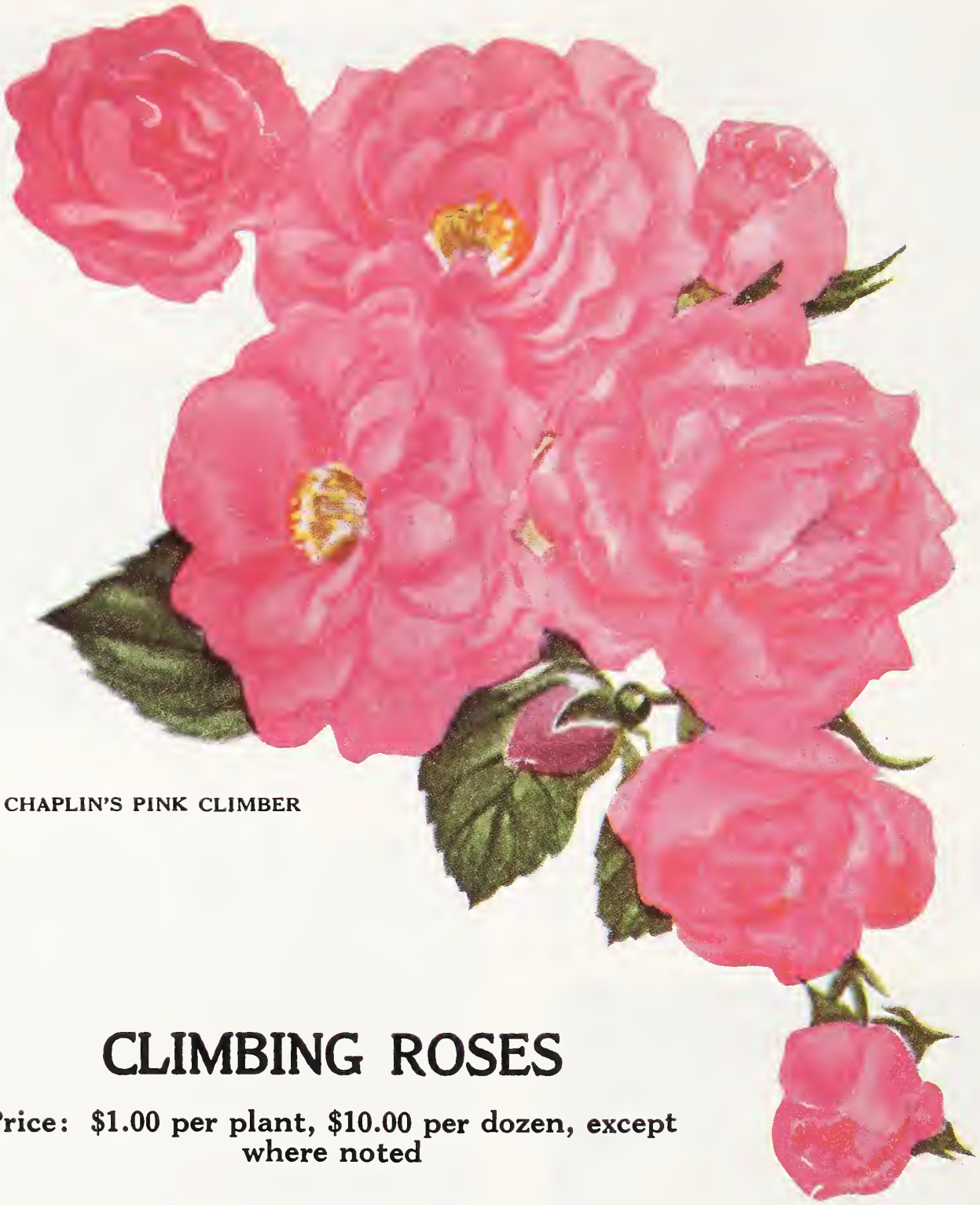
**WILLOWMERE**

Free and perpetual; color coral red, opening to shrimp pink; resembles the Lyon Rose very much.

**WILLIAM F. DREER**

A very beautiful Rose of the same parentage as Los Angeles, and which, for delicacy of coloring is not comparable to any other variety. The flowers, which are similar in shape to Los Angeles, are at their best in half expanded flower. These, in expanding, are of a soft silvery shell pink with a golden suffusion. This Rose is making a good record in all parts of the country and is becoming a popular bedding variety.

**Price: \$1.00 per plant, \$10.00 per dozen, \$90.00 per 100**



CHAPLIN'S PINK CLIMBER

## CLIMBING ROSES

Price: \$1.00 per plant, \$10.00 per dozen, except where noted

### CHAPLIN'S PINK CLIMBER

Unquestionably the most important acquisition in climbing Roses since the introduction of Dr. Van Fleet and Paul's Scarlet Climber, which are universally recognized as the two most popular climbing Roses in the country and to which Chaplin's Pink Climber will prove an equally valuable companion.

This striking novelty originated at Waltham Cross, England, in the same nursery in which Paul's Scarlet Climber was raised. It is a cross between Paul's Scarlet Climber and American Pillar, of strong, vigorous growth, perfectly hardy with large, glossy dark green foliage producing its large flowers, similar in size and form to Paul's Scarlet Climber, very profusely in strong trusses of from 8 to 12 flowers each, but in color it is a rich lively pink.

At the Spring Show of the National Rose Society of England in 1928 it was the outstanding feature among the new Roses and was awarded the Society's Gold Medal. Also received the English Royal Horticultural Society's Award of Merit.

**Strong plants, \$2.50 each, \$25.00 per dozen**

CLIMBING ROSES—Continued

**AMERICAN PILLAR**

Single flowered variety of great beauty. Flower 3 or 4 inches across borne in immense clusters. Brilliant shade of pink with clear white eye; wonderfully decorative even when not in flower as the blooms are followed with brilliant red berries and this Rose retains its foliage much later than most varieties.

**CLIMBING AMERICAN BEAUTY**

This is one of the best of the Climbing Roses. A strong, vigorous grower with large flowers of pleasing rose pink, freely produced.

**CLIMBING CAROLINE TESTOUT**

Soft pink Climbing Hybrid Tea, a very fragrant sort.

**CLIMBING LADY ASHTOWN**

This is a Hybrid Tea variety and perhaps one of the best in the whole section of Climbing Teas. Its merit is in the wonderful way it produces flowers throughout the whole season, being apparently almost equally good in the Fall as in June, when it first comes into bloom.

**CLIMBING LOS ANGELES**

A replica of the popular Los Angeles, which is a luminous flame pink toned with coral and has light shadings at the base of the buds, making the most magnificent variety, and is very spectacular when growing in its climbing form. \$1.50 per plant, \$15.00 per doz.



EXCELSA

**DOROTHY PERKINS**

Clear, bright pink, trailing growth, profuse bloomer.

**DR. W. VAN FLEET**

Beautiful flesh pink, borne on long stems; buds long and pointed, plants very strong, brilliant dark glossy foliage, mildew proof, splendid for cutting.

**EMILY GRAY**

The best yellow climbing Rose ever introduced. Color clear golden yellow, all flowers are double, with long buds, and attractive, dark green foliage. Very free flowering, splendid growing habits. \$1.50 per plant, \$15.00 per doz.

**EXCELSA**

Very distinct variety, particularly vigorous, with healthy, dark glossy foliage. Color of the flower intense crimson; individual flower very large and double for this type of Rose. Excelsa is grown today in place of the old Crimson Rambler, as it is practically mildew proof and much deeper in color.

**HIAWATHA**

Forms splendid long sprays of very large blooms; color of individual flower brilliant ruby with a clear white eye. One of the best climbers we offer.

**JACOTTE**

Color shrimp pink or light salmon orange shaded golden yellow at base; flowers fully 2½ inches in diameter, delightfully scented; rich, dark green, glossy disease-resisting foliage.

**MARY WALLACE**

Originated by Dr. Van Fleet. A Pillar Rose growing 6 to 8 feet high, with large, glossy foliage blooming with great freedom in the Spring and bearing quantities of flowers in the Summer and Fall. Large flowering, about 4 inches across, semi-double, bright clear rose pink, with salmon base in the petals. \$1.50 each per plant.

**PAUL'S SCARLET CLIMBER**

The flowers are medium in size, being semi-double and carry three to six flowers on each spray. Paul's Scarlet Climber has received several gold medals.

**SILVER MOON**

Pure white in color with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy green; stems of flowers very long and fragrance very lasting.

**STAR OF PERSIA**

A gorgeous, brilliant yellow, semi-double Rose with individual flowers about 3 inches across. Wonderful where one desires a low climber or Rose from 8 to 10 feet high. In wonderful condition throughout the month of June, and lasts for several weeks. \$1.50 per plant, \$15.00 per doz.

Price: \$1.00 per plant, \$10.00 per dozen, except where noted

# BABY RAMBLER AND DWARF POLYANTHA ROSES

These are delightful for massing in beds, or as edges for borders. They are most profuse and continuous bloomers and their small, neat flowers are produced in large clusters.

**Price: \$1.00 per plant, \$10.00 per dozen, except where noted**

## CECILE BRUNNER

### (The Sweetheart Rose)

Dainty, double flowers of soft pink, growing in graceful sprays.

## GRUSS AN AACHEN

One of the finest Polyantha Rose plants ever introduced. It is orange red and yellow in the bud, opening to light flesh pink and salmon yellow, resembling very much a bouquet of Hybrid Tea Roses on one stem. It has a nice perfume, and is a very fine grower. We have seen it growing along borders on large estates, and also used for mixing in a Rose bed. It is a very handsome Rose and we can strongly recommend it.

## IDEAL

A dwarf growing Polyantha of great merit, flowers dark amaranth red, produced in large clusters. An ideal variety as its name implies, for giving satisfaction and results.

## LAFAYETTE

A strong growing, very profuse flowering Polyantha, crimson scarlet in the bud, developing as it expands to a brilliant rosy cerise. It is borne in clusters of good size, the individual flowers being about the size of Paul's Scarlet Climber.

## JESSIE

Glowing crimson; the finest red to grow.

**Price: \$1.00 per plant, \$10.00 per dozen, except where noted**



CECILE BRUNNER

## MRS. CUTBUSH

Clear, deep pink, fine growth and habit.

## CLUB LECTURES

For all Clubs interested in gardening, we are prepared to furnish a speaker on the subjects listed below:

**Spring in the Perennial Gardens**  
**Delphiniums**

**Hardy Garden Roses**  
**Chrysanthemums**

### Fall Planting and Winter Covering

Whenever blooming season permits we will furnish samples of the flower under discussion and give practical demonstrations with plants. The speaker will be glad to answer individual questions at the close of the talk.

Arrangement for lectures must be made with the Madison, N. J. office one month in advance of the date of same.





## Tree Roses

We have the finest collection of Tree Roses it is possible to procure in this country this season. These plants have been specially grown for us by an expert, and since good Tree Roses are very scarce, we would suggest that our customers place their order as early as possible for the quantity and varieties desired.

Price: \$3.00 each per plant, \$30.00 per dozen

### BRIARCLIFF

A sport from Columbia, retaining all the good qualities of its parent, color more brilliant than Columbia, being a true rose pink without any shadings whatever. Long-pointed bud and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

### CAROLINE TESTOUT

A soft pink, very free flowering and possibly the most popular Tree Rose grown.

### GOLDEN OPHELIA

A clear, bright yellow in color, and while the individual flowers are not large, it produces quantities of blooms at all times.

### HADLEY

Beautiful long buds of rich velvety crimson and very fragrant.

### HOOSIER BEAUTY

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities.

### INDEPENDENCE DAY

A flaming yellow, shading to a copper and opening to a bright orange pink.

### KAISERIN AUGUSTE VIKTORIA

Creamy white, immense substance, petals smooth and nicely arranged. A popular variety.

### LADY ASHTOWN

Deep clear pink with a yellow glow at the base of the petals. Very strong growing, free flowering plant.

### LADY HILLINGDON

Very free blooming, a coppery colored Rose.

### LOS ANGELES

Luminous flame pink toned with coral, with lighter shading at the base.

### MME. BUTTERFLY

A glorified Ophelia of pink, apricot and gold.

### MME. EDOUARD HERRIOT

In color a gorgeous combination of reddish terra cotta and bronze with flame shading.

### MRS. HENRY BOWLES

A beautiful, luminous deep salmon pink. A vigorous growing variety and a variety that everyone admires. A comparatively new one.

### OPHELIA

Color clear, bright salmon often deepening toward golden pink; wonderfully fragrant, with long-pointed buds and stiff stems.

### SOUVENIR DE CLAUDIUS PERNET

A clear shining yellow with very glossy holly-like foliage. Known as "The Yellow Rose of the Century."

Price: \$3.00 each per plant, \$30.00 per dozen



## Hardy Perennial Plants

**Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted**

Our list of Hardy Perennial plants offer a wide choice of colors, heights and seasons of bloom. This makes it possible for everyone to have a garden of gorgeous bloom at any time it is desired, whether Spring, Fall or all season from May to October.

Strong, two-year old field grown plants give splendid bloom the first season, and most of these may be planted either in the Spring or Fall.

**Varieties marked with an asterisk (\*) are suitable for Rock Gardens.**

### ACHILLEA

**PTARMICA, THE PEARL.** Small heads of pure white flowers, excellent for cutting. Blooms from Midsummer to October. About 18 inches high.

### ACONITUM (*Monkshead*)

**FISCHERI.** A very hardy late blooming Aconitum that comes into bloom in September and lasts well into October. These beautiful spikes of hooded flowers are a lovely shade of delph blue and are a very attractive addition to the hardy border in the Fall. May be used in semi-shady locations and grow about 24 inches high. There is no danger attached to growing these plants, as they are poisonous only when eaten.

**SPARKS VARIETY.** The darkest blue of all, flowering in June and attaining a height of about 2½ feet. Does well in a shady or half-shady location. \$5.00 per doz., \$35.00 per 100.

**Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted**

### ALYSSUM (*Rock Madwort*)

**\*SAXATILE COMPACTUM.** Splendid plant for the rockery or border, growing a foot high; golden yellow flowers with dense, compact heads. 1 foot. April and May.

**\*ARGENTEUM.** 15 inches high. Bright yellow clusters of flowers continue well into the Summer. 50c. each, \$5.00 per dozen.

### ANEMONE JAP. (*Japanese Windflower*)

**QUEEN CHARLOTTE.** One of the most beautiful plants in our Fall gardens, blooming in September and October. Grows about 18 inches high and is excellent for cut flowers in the house. Semi-double; beautiful light pink.

**WHIRLWIND.** Semi-double, pure white.

### ARENARIA (*Sandwort*).

**\*MONTANA.** Covered with white blossoms in early Summer. 50c. each, \$5.00 per dozen.



LONG-SPURRED HYBRID AQUILEGIA (*See description, page 72*)

Price: 50c. each, \$5.00 per dozen, \$35.00 per 100

## HARDY PERENNIAL PLANTS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**ANTHEMIS** (*Hardy Marguerite*)

**KELWAYI.** Large, golden yellow, Daisy-like flowers produced continuously all Summer. This flower attains a height of 2½ feet. June to August.

**ANCHUSA** (*Alkanet*)

**BARRELIERI** (*Early Bugloss*). A delightful early blue flower, more compact and bushy in growth than *Anchusa italica*, Dropmore. Blooms in May and is covered with small, dark blue flowers with pinkish yellow throats. About 2½ feet high and thrives in full sun.

**DROPMORE VARIETY.** Rich gentian blue; one of the earliest of the blue flowers. Plants form beautiful specimens, 3 to 4 feet high. One of the most exquisite blue flowers for the garden. June to August.

**\*MYOSOTIDIFLORA.** Another valuable perennial is this Dwarf *Anchusa*. It comes into bloom in May, and continues blooming for about six weeks. The flowers somewhat resemble Forget-me-nots but are the brilliant blue of the tall *Anchusa*. The leaves are heart-shaped and add interesting foliage effect after the plant stops blooming. It grows about 1 foot high and is admirably adapted to rock gardens or borders. Thrives in full sun, but will do fairly well in partial shade. 50c. per plant, \$5.00 per doz., \$35.00 per 100.

**AQUILEGIA** (*Columbine*)

These native flowers of North America are wonderfully useful as cut flowers. Will grow in any location, but give best results in well-drained and sunny position. One of the best known hardy perennials. May and June.

**HOWARD'S HYBRIDS**

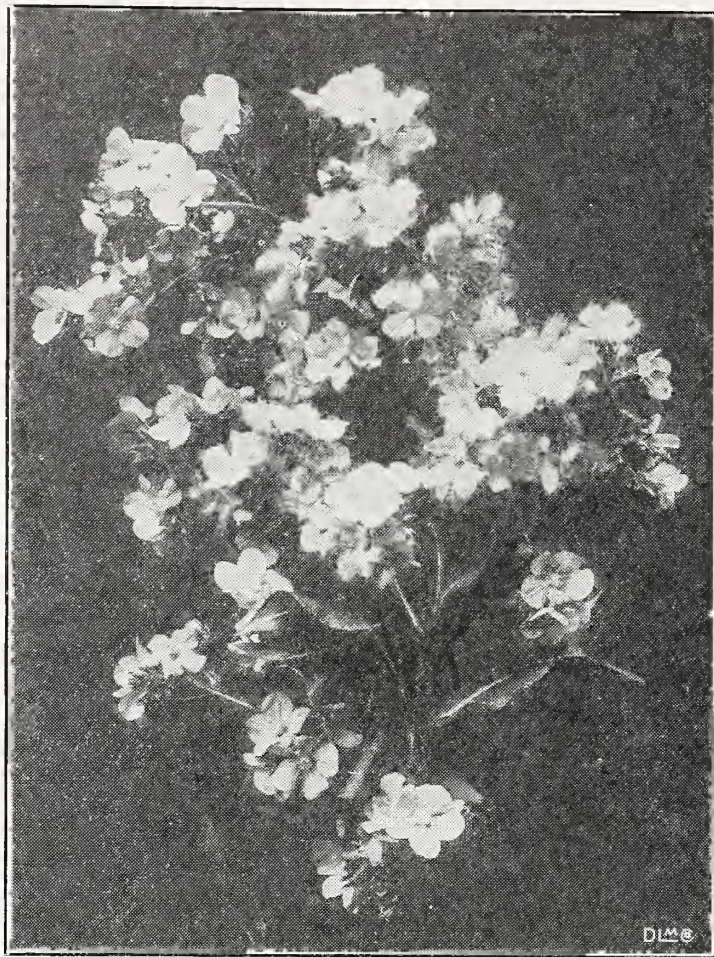
The Rocky Mountains have given us many beautiful flowers, but nothing to touch these marvelous *Aquilegias* with their lovely pastel shades, as delicate as a fleecy cloud in a Summer sky of palest blue. These charming colors run from light blue through all the shades of light pink, creamy white, delicate lavender, to brilliant scarlet. When massed in mixed colors in the perennial border they give an effect of airy daintiness not surpassed by any other flower. Assorted colors.

Price: 50c. each, \$5.00 per dozen

**CHRYSANTHA** (*Golden Columbine*). Very slender, dainty, long-spurred *Columbine* of a golden yellow color, blooming later than the long-spurred hybrids. Late June and July, and attains a height of 2½ to 3 feet. While we do not guarantee the color, a large percentage comes true to form.

**\*ALPINA.** Lovely blue and white flowers, 10 to 12 inches high. Blooming May and June. 50c. each, \$5.00 per dozen.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



**ANCHUSA BARRELIERI** (*Early Bugloss*)

**ARABIS** (*Rockcress*)

**\*ALPINA.** Pure white flowers produced in dense masses, splendid for border work and last quite some time when cut. Forms a dense carpet of white flowers. April and May.

**\*FLOREPLENO.** Double flowering form of the above; flowering two weeks later. 12 inches. 50c. each, \$3.50 per dozen, \$25.00 per 100.

**\*ALBIDA.** The gray leaf "Rockcress." Spikes of white blooms in April and last well into the Summer. 50c. each, \$5.00 per dozen.

**ARMERIA**

**\*LAUCHEANA.** Adapted to growing in pockets between rocks. Vivid pink flower, borne on 5 inch stems; flowering May and June. 50c. each, \$5.00 per dozen.

**ARTEMISIA**

**LACTIFLORA.** One of the most useful tall plants we have, blooming in August and September. Grows about 4 feet high and makes a splendid foliage background for Phlox and Summer Lilies. The milk white bloom is borne on graceful sprays, producing a laey effect. A most delightful fragrance fills the garden while this plant is in bloom.

**SILVER KING.** A very useful plant in the hardy border, growing about 3 feet high and blooming in early Summer. Producing beautiful sprays of mist-like flowers with silvery gray foliage adding an effect of lightness among the dark green foliage of the other perennials in bloom at that time. Keeps a long time as a cut flower and may be dried in Winter.

## Hardy Asters, Michaelmas Daisy

These lovely Fall flowering subjects, which are natives of North America and absolutely hardy in any section of the country, deserve much more extensive cultivation. The following varieties are the cream of the European collections and are well worthy of a place in every garden, since they are so distinct in type and novel in colors. We would suggest that the size of the flowers may be very greatly increased if the clumps are divided each Spring, and each plant grown to a single stem. The central growing tip should be pinched out to induce branching. This makes a sturdy plant that requires very little support and keeps the height about 3 feet.

### BARR'S PINK

Lovely light mallow pink with stiff petals and a brilliant golden center growing from 3 to 4 feet high. Well branched and the flowers are admirably spaced and give the appearance of a gigantic head of pink Phlox. The individual flowers are 2½ inches in diameter, coming into bloom about mid-September, and add a mass of glowing pink to the Fall garden.

50c. each, \$5.00 per dozen

### BRITISH QUEEN

Soft lavender blue, semi-double, unusually large, open flowers with pale yellow center. A vigorous growing, well-branched plant that comes into bloom early September. Height about 4 feet. Excellent for cutting and decorative work.

50c. each, \$5.00 per dozen

### STANDARD VARIETIES

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**ANITA BALLARD.** Soft Cornflower blue. Flowers 2 inches across. Very early and very free flowering. The broad ray florets are recurved with pale silvery undersides.

**JAMES KELWAY.** A bright blue, single, keeps its color well and has fine, stiff branching habit. A very attractive companion to Mrs. D. Mitchell or St. Egwin. 3½ feet high.

**KING OF THE BELGIANS.** Large, semi-double, lavender blue flowers, larger than Climax. 5 feet.

**LAVENDER QUEEN.** Strong, erect branching growth about 3½ feet high. Pure lavender fringed petals, with golden center. Very attractive new seedling.

**LOUVAINE.** Soft rose pink, large open flowers. Very vigorous growth, about 3 feet high, coming into bloom mid-September.

**MARNE.** One of Mr. E. Beckett's new varieties bearing soft pink flowers with yellow centers, blooming in September. 2½ feet high.

**MRS. D. MITCHELL.** Pure pink, resembling St. Egwin, but much taller and far superior. Height 4 feet.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



BARR'S PINK

**PERRY'S WHITE.** Large, circular snow white flowers over 2½ inches in diameter, broad, overlapping petals, a golden disc which changes to maroon crimson; very free and of good habit. 3 feet high.

**PINK PROGRESSIVE.** A very good pink. Bushy, very floriferous. Quite dwarf. 2 feet.

**ROYAL BLUE.** This is a large blue, apparently double at first, but when afterwards it opens fully, it forms a distinct, cup-shape flower with a golden disk at the bottom. Medium height. Blooms early September. 2½ feet high.

**RYECROFT PURPLE.** Very bushy purplish flowers with yellow center. 4 feet high.

**ST. EGWIN.** Lovely shade of light pink, very bushy form, about 3 feet high, blooming mid-September.

ASTILBE See SPIRAEAS.

### AUBRIETIA

\***PURPUREA** (*Wallcress*). Tiny purplish blue flowers in April and May. 50c. each, \$5.00 per dozen.

\***LIECHTLINI.** Same as above with rosy pink flowers. 50c. each, \$5.00 per dozen.

## HARDY PERENNIAL PLANTS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**BAPTISIA** (*False-indigo*)

**AUSTRALIS.** Very attractive dark blue, pea-shaped flowers in long curving racemes, somewhat similar to Lupines, but more hardy in every way. Blooms in June and is about 2 feet high. Suitable for the hardy border or wild garden and not at all particular as to soil requirements.

**BOCCONIA** (*Feathery Poppy*)

**CORDATA.** Flowers insignificant in size, but very numerous, borne in large terminal panicles, but distinct in appearance. 5 to 6 feet. Very hardy habit. Blooms in July.

**BOLTONIA** (*False-camomile*)

**ASTEROIDES.** Flower heads pure white; flowering at the same time as the popular Michaelmas Daisies. 5 to 6 feet.

**LATISQUAMA.** Beautiful pink flowers. Same type as above. 5 feet.

**BUDDLEIA**

**VEITCHIANA.** Beautiful violet mauve; a splendid Summer flowering shrub, absolutely hardy under any conditions; flowers are borne on long, cylindrical spikes, 12 to 15 inches in length; flowers the first season it is planted; a beautiful plant. 3 to 6 feet.

**CERASTIUM**

**\*TOMENTOSUM.** Silvery, low-growing foliage plant which is used very largely for planting dry, sunny spots. Carpet growth. May to mid-June.



BUDDLEIA MAGNIFICA VEITCHIANA

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



CENTAUREA MONTANA (The Perennial Cornflower)

**CAMPANULAS**

(*Canterbury-bells or Bellflower*)

These lovely flowers have great variety of color and form and the taller varieties are useful for cut flowers as well as in the hardy border.

**MEDIUM.** Blue, white and rose.

**CALYCANTHEMA** (*Cup-and-saucer*). Blue, white and rose.

**PERSICIFOLIA ALBA** (*White Peach Bells*). 2 feet high. Flowering June and July.

**PERSICIFOLIA BLUE.** Blue form of the above.

**\*CARPATICA BLUE.** A dwarf variety well suited to the rock garden, blooming from June to mid-October, a lovely blue flower on a slender stem 9 to 10 inches high.

**\*CARPATICA ALBA.** White form of the above.

**\*ROTUNDIFOLIA.** Pale blue flowers. 8 inches high. Blooms June and July. 50c. each, \$5.00 per dozen.

**CENTAUREA** (*Knapweed*)

**MONTANA** (*The Perennial Cornflower*). Producing large, violet blue flowers from July to September. 2 feet high.

**MONTANA ALBA.** White form of above.

**RIGIDIFOLIA ROSEA.** A bushy plant with large, serrated leaves and pretty bright pink flowers. Excellent for cutting. Thrives in any soil, but requires plenty of room and full sun for development. Blooming as it does in June and July, it is a good companion for Delphinium belladonna.



ELDER DAISY

**CHELONE** (*Shell Flower*)

**BARBATA.** Hardy border perennial of Pentstemon-like habit, producing long spikes of brilliant, scarlet flowers. Has not been grown very extensively in this country as yet. Height 3 feet. July to September.

**CHRYSANTHEMUM** (*Shasta Daisy*)

**ALASKA.** A very fine type Shasta Daisy, blooming from July until Fall. Large, pure white flowers, dark green foliage and a splendid strong grower; very useful as a cut flower. 2 to 2½ feet high.



DAPHNE CNEORUM (*Garland Flower*)



COREOPSIS LANCEOLATA GRANDIFLORA (See page 76)

**ELDER DAISY.** One of the finest and earliest Shasta Daisies we have ever seen. Begins to flower early in May, producing a profusion of large glistening Daisy-like white flowers on strong stems. 2 feet high. Is splendid in the border and cannot be excelled as a cut flower in the early season. Very hardy and adaptable to all types of soil but requires full sun for proper development.

**KING EDWARD VII.** Pure white, large flowering type; blooming in July. 2½ feet.

**DAPHNE** (*Garland Flower*)

**CNEORUM.** The beautiful, low growing evergreen shrub, of trailing habit, covered with garlands of fragrant pink flowers from mid-April to the end of May. A most adaptable hardy plant, ideal for the herbaceous border, edging the shrubbery border or in the rock garden. \$1.50 per plant, \$15.00 per dozen.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**CONVALLARIA** (*Lily-of-the-valley*)

The most familiar hardy perennial we list. An excellent plant for shady situations. Spikes from 8 to 10 inches high. Small, bell-shaped pure white flowers, blooming in early Summer. Very fragrant.

**COREOPSIS** (*Tickseed*)

**LANCEOLATA GRANDIFLORA.** Rich golden yellow. One of the finest flowers for cutting ever introduced to cultivation. Height 3 feet. June to September.

**Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted**



## DELPHINIUMS

This year our Delphiniums reached a new peak of perfection.

When our twenty-five thousand plants came into bloom, their gorgeous beauty was breath taking. Many new types appeared with long spikes and very large, double, individual flowers. The infinite varieties and shades of blue were bewildering and our many customers who saw them literally ran out of words to express their wonder and delight.

This will give you some idea of the glorious and magnificent display they will make in your garden in 1930, as the second year bloom is much finer than the first bloom.

Why not develop a Delphinium and Lily border, and revel in their enchanting beauty.

### CULTURAL NOTES

Good drainage is of prime importance in growing all types of Delphiniums. If the ground is heavy, mix coal ashes or sand to lighten the soil. Plant 18 inches apart each way in groups of three and five.

The ground should be deeply dug and pulverized and lime applied at the rate of a double handful to each square yard before the plants are set.

Lime should be applied every Spring and Fall after the plants are growing. After blooming, if the flower stalks are cut back to within 4 inches of the ground and bonemeal is worked in near the crown, the plant will bloom several times during the season. Bonemeal applied at the rate of a handful to each plant will be sufficient fertilizer.

After the ground is frozen, cover the crowns lightly with straw or marsh hay. Never, under any circumstances, mulch with manure.

Mildew and other fungus diseases may be controlled by spraying the crowns with Bordeaux or some good fungicide. When black rot is discovered, remove the plants and several inches of dirt, where it has been growing, and disinfect the ground with Semesan. There is no cure for this dread disease. An ounce of prevention is truly worth a pound of cure with this disease.

Study your plants and their culture to grow Delphiniums well. With the present-day varieties you can get more pleasure and satisfaction out of growing Delphiniums than any other hardy perennial. For best results use the varieties listed on the succeeding pages.

**The first grade "Named Varieties" at \$3.00 each per plant, \$30.00 per dozen. The second grade "Fine Types" NOT NAMED, but selected in shades of light blue, dark blue and mauve at \$1.00 each, \$10.00 per dozen. The third grade not marked as to type or color, which we call "Run of the Field," 50c. each, \$5.00 per dozen, \$35.00 per 100.**



## DELPHINIUM HYBRIDS

### BELLADONNA

Sky blue, beautiful sprays; large flowers with white centers; one of the best known. Medium height, 2 to 3 feet. 50c. each, \$3.00 per dozen, \$20.00 per 100.

### CLARICE

Large, double soft pink flowers forming a compact spike. One of the best in light shades.

### CHINENSE BLUE

Clear, bright Chinese blue, a splendid carrying color in the garden. Very vigorous grower. 20 to 24 inches high. 50c. each, \$3.00 per dozen, \$20.00 per 100.

### CHINENSE ALBA

Pure white form of the above. This variety when used in conjunction with the blue mentioned above is very effective. 20 to 24 inches. 50c. each, \$3.00 per dozen, \$20.00 per 100.

### COUNTESS COWLEY

The spike is magnificent, the eye is black and the flowers are of splendid shape and substance. The outer petals are sky blue and the inner petals are varying shades of mauve. It is very double and in all respects a gorgeous type of Delphinium.

### DUSKY MONARCH

Deep purple with dark bee center, enormous spike of flower. Well known variety, 4 to 5 feet high.

### JAMES W. KELWAY

Bold, tall spikes, clear bright blue and deep mauve with a distinct white center combines well with the light or dark varieties; very vigorous growth and about 5 to 6 feet high.

### LE DANUBE

Lovely pale blue with delicate lilac pink centers. An old variety, but one that is very popular; not prone to disease and is wonderfully free flowering.

### LOVELY

Outer petals porcelain blue with mauve pink inner petals and clear white eye. A magnificent spike of flower. 5 feet high. Truly "Lovely."

### MRS. J. A. WATSON

Double soft blue inside petals with rosy mauve tips and striped black center. One of the newer varieties with medium tall spikes.

### MRS. CHRISTIE MILLER

Beautiful creamy white, double flowers open spike and while not as tall as the blue hybrids, is very striking when grouped with the dark blues.



### MRS. FOSTER CUNLIFF

Outer petals soft sky blue, inner petals delicate mauve pink with a striped black center. Very double and frilled and one of the best of our group of light varieties.

### PURPLE GLORY

A rich purple with pronounced white eye. The double, cup-shaped flowers are closely placed on tall, stately spikes.

### R. E. PILKINGTON

Semi-double, color being a deep violet, edged by a deep shade of blue, the eye a very large and distinct shade of brown and very striking in appearance.



	Price:	Per plant	Per dozen	Per 100
First Grade.....		\$3.00	\$30.00	.....
Second Grade.....		1.00	10.00	.....
Third Grade.....		.50	5.00	\$35.00

HARDY PERENNIAL PLANTS—Continued

DELPHINIUM HYBRIDS—Continued

**QUEEN MARY**

A charming combination of light blue and pink, with a pure white center. Tall, well-filled spike and a general favorite with all who see it.

**QUEEN MAUVE**

Lovely, deep mauve with light center, particularly attractive contrast when planted with Purple Glory.

**SIR DOUGLAS**

A fine spike of medium blue and rosy mauve combined with a dark center; a splendid color contrast with "Lovely" or "Clarice."

**WEDGWOOD**

Wide open double flowers closely spaced on a splendid spike. The crested white center outlined against the lavender blue petals strongly suggests the name.



	Price:	Per plant	Per dozen	Per 100
First Grade.....		\$3.00	\$30.00	.....
Second Grade.....		1.00	10.00	.....
Third Grade.....		.50	5.00	\$35.00

**DIANTHUS—\* ANNIE LAURIE**

This hardy Carnation blooms from May until November, is a delight to all who grow it. The color is a clear orchid pink with wine red center. It is fragrant and perfectly hardy and will do well in sun or partial shade, but prefers a sunny location.



DIANTHUS, ANNIE LAURIE

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

HARDY PERENNIAL PLANTS—Continued

DIANTHUS—Continued

- \*ARENARIUS. Especially suitable for hot, dry situations; loves sand and sun. The blooms are white fringed and fragrant, appearing in June, continuing for several weeks. 50c. each, \$5.00 per dozen.
- \*CAESIUS (*Cheddar Pink*). Sweetly scented and bears a wealth of rose-colored flowers in May and June. 6 inches high. 50c. each, \$5.00 per dozen.
- \*DELTOIDES "BRILLIANT." Plant covered with crimson flowers in June and July. 6-8 inches high. 50c. each, \$5.00 per dozen.
- \*PLUMARIUS (*Perpetual Pink*). The old-fashioned hardy pinks with that elusive spicy clove fragrance. In color, they range from white with red eye to deep pink. We do not have any separate colors, but they are all such charming shades of pink that they would harmonize with any group of plants where pinks might be used. These delightful plants require well-drained soil and full sun, and may be kept in bloom from June to late Summer if the dead blooms are kept cut back. Suitable for rock garden or borders.



DIELYTRA (*Bleedingheart*)

MIXED DIANTHUS for ROCK GARDEN

Assorted varieties in many colors, ideal for rock gardens, also useful for sunny slopes.

DICTAMNUS (*Gasplant or Burningbush*)

An old garden favorite which has a strong smell of lemon and will sometimes give a flash of light on a sultry Summer evening, when a lighted match is held near the flowers; hence the name. Succeeds well in partial shade or full sun. Should not be moved after once established.

**FRAXINELLA RUBRA.** Rosy pink blooms in early Spring; glossy, handsome foliage throughout the season. 3 feet high, suitable for border or specimen plant. 75c. per plant, \$7.50 per dozen.

**FRAXINELLA ALBA.** Pure white form of above. 75c. per plant, \$7.50 per dozen.

DIELYTRA (*Bleedingheart*)

**EXIMIA (*Fringed Bleedingheart*).** A dwarf Bleedingheart that is equally happy in the sun or shade and literally blooms all season. It grows about 12 to 15 inches high, has very finely cut foliage and graceful racemes of pink, heart-shaped flowers. It comes into bloom in May and flowers continuously until late October. This delightful little plant is at home in any soil or location. 50c. per plant, \$5.00 per dozen.

**SPECTABILIS.** Graceful, heart-shaped, pink flowers; one of the choicest memories of old-fashioned gardens. Easily cultivated in borders and wild gardens. Especially valuable for planting in shady spots. 2 feet. 75c. per plant, \$7.50 per doz. April and May.



DIGITALIS (*Foxglove*) (See page 80)

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

## HARDY PERENNIAL PLANTS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**DIGITALIS** (*Foxglove*)

A very attractive addition to the herbaceous border, thriving in sun or partial shade in light, rich loam. Blooming in June and July.

**GLOXINIAEFLORA.** An unusually fine variety growing about 3 feet high, producing very large, bell-shaped flowers. Blooms in June and July, and thrives best in light, rich loam. One of the few plants that is adapted to growing in partial shade.

ALBA.  
ROSE.  
PURPLE.

**DORONICUM** (*Leopardbane*)

**EXCELSUM.** A very showy, Daisy-like flower of clear bright yellow, blooming in April and May. The most pleasing color scheme results when this is planted with *Phlox divaricata laphami*, as they bloom at the same time. Very hardy and succeeds well in full sun and the usual garden soil. 1½ feet high. 50c. per plant, \$5.00 per doz.

**ERYNGIUM** (*Seabolly*)

Produces flowers in August and September, which may be cut and dried for Winter bouquets.

**PLANUM.** Handsome blue variety. 2 to 3 feet.

**EUPATORIUM** (*Hardy Ageratum*)

**CONOCLINIUM** or **COELESTINUM.** A splendid border plant with lavender blue, *Ageratum*-like flowers, adding blue to the border from August to frost. 1½ to 2 feet high.



**EUPATORIUM** (*Hardy Ageratum*)

**FUNKIA** (*Plantainlily*)

**LANCIFOLIA.** Very useful for borders and in partial shade. Late in season it produces a spike of lavender flowers. Plant does not attain a height of over 10 inches, but flower stalks will run up to about 2 feet.

**GAILLARDIA** (*Blanket Flower*)

**GRANDIFLORA.** One of the best known Hardy Perennials, growing to a height of about 20 inches. Blooms from early June until frost. Flowers rich red brown, edges of petals bright golden yellow.

**GEUM** (*Avens*)

\***HELDREICHI.** A new addition to our catalog this year with the great advantage of being very hardy and blooming most of the Summer from June until frost. An erect, neat plant, producing an abundance of bright orange yellow flowers about 1 foot high. Likes a well-drained, sunny location. 50c. each, \$5.00 per dozen.

**LADY STRATHEDEN.** A recent introduction in great favor, having all the good qualities of Mrs. Bradshaw; the flowers are a bright golden yellow, blooming from June to October. Perfectly hardy, but requires full sun and a fairly light soil.

**MRS. BRADSHAW.** A new, large, double, scarlet variety, blooming the greater part of the Summer and Fall. Height 15 inches.



**HELENIUM** (*Helen Flower*) (See page 81)

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

## HARDY PERENNIAL PLANTS—Continued



BRISTOL FAIRY

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

## THE BETTER GYPSOPHILA

**Bristol Fairy**

With double flowers almost as large as the annual Babysbreath and every bit as white, as lasting and easily handled as the usual double sort, it is more valuable than either.

Bristol Fairy has all the virtues of the popular *Gypsophila paniculata flore-pleno* as a garden and landscape subject. It is sturdier, more graceful, and has much more distinct white flowers. Best of all, it is an all-Summer plant, blooming periodically from June till frost, and does not have to be concealed or replaced like the old kind does when it is through blooming.

**75c. each, \$7.50 per dozen**

**HELENIUM** (*Helen Flower*)

This magnificent perennial during its blooming season from early August until middle of September, literally produces hundreds of beautiful from yellow to bronze-colored flowers. The flowers on one and the same plant vary in color according to their growth and different stages of development. No prettier sight graces the garden than a well-developed border of Heleniums.

**AUTUMNALE SUPERBUM.** Broad, spreading heads, deep, golden yellow flowers. One of the most striking flowers in cultivation. 5 to 6 feet.

**AUTUMNALE RUBRUM.** Similar to Superbum, but has bright, terra cotta red flowers; makes a wonderful display during the month of September. 5 to 6 feet.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**HELIANTHEMUM** (*Rock Rose*)

**\*AUREUM.** Excellent for the rock garden or a dry, sunny bank. These evergreen plants are very low growing and form broad clumps covered with golden yellow blooms from July to September. Must be cut back slightly when planted. Height 4 to 6 inches.

**\*MRS. EARLE** (*The Sun Rose*). Will grow in the poorest sandy ground in full sun and is literally covered with scarlet flowers all Summer. Must be cut back after blooming. 50c. each, \$5.00 per dozen.

**HEMEROCALLIS** (*Daylily*)

**AURANTIACA.** Bright orange Daylily, 2½ to 3 feet, sweetly scented. Blooms in July.

**CITRINA.** Beautiful, light, lemon-colored flowers, blooming in August and September, after the other varieties are past their bloom. Tall slender stems 4 feet high.

**DR. REGEL.** Deep orange, beautiful, large, wide open flowers; very fragrant; blooms June and July. Height 2 feet.

**FLAVA.** Fragrant clear yellow flowers. Blooms earliest of these charming Lilies, coming in May and June, and is useful as a cut flower as well as in the herbaceous border. 3 feet high.

**GOLD DUST.** Bright yellow flowers, buds and reverse of petals bronzy gold; flowering in May and June. 2 to 3 feet high.

**THUNBERGI.** Blooming in late July. This comes after the other varieties. Is a rich, clear lemon yellow. 3 feet high.

HARDY PERENNIAL PLANTS—*Continued*

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**HELIOPSIS** (*Orange Sunflower*)

**ZINNIAEFLORA.** Double flowering type of the orange Sunflower, growing 3 feet high. Flowers July and August.

**HOLLYHOCK**

No old-fashioned garden is complete without Hollyhocks. Their stately spikes produce bold effects that cannot be obtained with any other flower. We offer the best assortment of double kinds.

**DOUBLE NEWPORT PINK.**

**DOUBLE SCARLET.**

**DOUBLE YELLOW.**

**HESPERIS** (*Sweet Rocket*)

Showy, terminal, pyramidal, fragrant spikes, resembling stocks; blooming from June to August. Splendid for naturalizing in semi-shady places. 2 to 3 feet. In separate colors—lavender and white.

**HEUCHERA**

**SANGUINEA.** A charming perennial, producing numerous graceful panicles of flowers varying from pale pink to vivid crimson, and one of the easiest varieties to grow. Flowering July and August; height 2 feet. 50c. per plant, \$5.00 per dozen, \$35.00 per 100.



**HESPERIS** (*Sweet Rocket*)

**HYPERICUM**

**\*OLYMPICUM.** Grayish green foliage bearing large golden flowers in June and July. 6 to 8 inches high. 50c. each, \$5.00 per dozen.

**IBERIS** (*Hardy Candytuft*)

Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage also is quite ornamental, while the flowers, climbing and rambling in all directions, lend a picturesque touch wherever the plants are used.

**\*GIBRALTARICA.** Delicate pink; dwarf in habit and completely covered with small pink flowers. Mid-April to mid-May.

**\*SEMPERVIRENS.** Pure white flowers which completely cover the plants in May. About 15 inches high, and splendid for edging, borders and rock gardens.



**HEMEROCALLIS FLAVA** (*See page 81*)

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



## Tall Large-Flowering Bearded Iris

### FLEURS-DE-LIS

Between Tulip time and Rose time the mainstay of the garden for masses of color is found in the modern forms of the bearded Iris. The all-pervading loveliness of a garden well planted with the choicer forms of the older and the newer introductions is breath-taking. In no flowers are returns surer or more satisfying.

Buy Irises, plant Irises, until you have a good collection, and when the lure of May and June is upon your garden you will agree that you have never had so much "carefree" beauty.

### CULTURE AND PLANTING

Do not use manure. Lime the thoroughly prepared bed well and give an annual top-dressing of lime in the Fall, with a top-dressing of bonemeal in early Spring. Do not plant in deep shade. Open woodland paths, if well drained, make admirable locations for broad masses of Iris. In planting, spread fibrous roots as much as possible and barely cover the rhizomes. Space 3 feet apart and wait for clumps to form; or 1 foot apart for more immediate effect.

**The ideal time for planting Iris is during the months of July, August and September; when they have finished flowering, and unless our customers particularly request Spring delivery, we will ship all Iris orders during these months.**

### PRICES AND QUALITY OF ROOTS

Strong, single roots are furnished at the prices quoted and every care is exercised to have the plants true to name. Your satisfaction is our success.

In the case of rare varieties where stock is limited, orders will be filled in *sequence of receipt* and accepted subject to stock in hand, but *will not be shipped until after the blooming season*, preferably in early August.

In the description, "S" is used to designate the standards or upright petals; "F" the falls or drooping petals.

**Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted**

## Standard Varieties (Bearded Iris)

**AFTERGLOW** (Sturtevant). Grayish-lavender, shading to yellow; fine in garden effects. 3 to 4 feet. 50c. each, \$5.00 per dozen.

**ALCAZAR** (Vilmorin). A branching plant, tall and stately, with a long flowering season. S. light mauve, F. deep rich purple. First-class certificate, London. 40 inches. 50c. per plant, \$3.50 per dozen.

**AMBASSADEUR** (Vilmorin). S. smoky reddish satin in paler tones than the deep rich velvety maroon falls which are held at right angles. A tall regal plant and considered one of the best of late introductions. Award of Merit London. Certificated by National Horticultural Society of France. 75c. per plant, \$7.50 per dozen.

**ARNOLS**. Deep-toned pinky bronze blended bicolor with rich falls. Excellent planted as an accent with the warm white of Innocenza and the rose of Her Majesty. 32 to 34 inches high. 50c. each per plant, \$3.50 per dozen.

**AURORA** (Foster). S. and F. pale lilac pink. Large flower on strong, erect stems. Good for isolated clumps. 4 feet. 50c. per plant, \$3.50 per dozen.

**BALLERINE**. Large ruffled flower of soft mauve color. A tall, vigorous form of Pallida; very fragrant. 4 feet high. \$1.50 per plant.

**BLUE JAY** (Farr). A tall, late blooming variety in good "blues," bright and dark. 3 feet. 50c. per plant, \$3.50 per dozen.

**CAPRICE** (Vilmorin). S. and F. claret, shading to white at the center of the rather wide open flower, Very charming planted with Flavescens against a not too heavy tracery of green. 50c. per plant. \$2.50 per dozen.



**BLUE JAY**

**CHESTER HUNT** (Farr). "Blue" Iris, long season of bloom and lovely planted with Fairy. 50c. each, \$3.50 per dozen.

**CLUNY** (Vilmorin). A large flowered mauve of an unusual height for so early a bloomer. 48 in. 50c. each, \$5.00 per dozen.

**DALILA** (Denis). A new French introduction of great beauty. S. flesh white; F. rich red with very little suggestion of pink. Free in bloom and distinct in color. A seedling from I. Ricardi. Fall delivery only. 50c. each, \$5.00 per dozen.

**DAWN** (Yeld). Pale yellow flower. The plant is of unusual vigor and freedom in bloom and its creamy mass makes happy association for the deeper colored Irises. 32 inches. 50c. per plant. \$2.50 per dozen.

**DELICATISSIMA** (Millet). Late pale pink Pallida. Delicious fragrance. 36 inches. 75c. each, \$7.50 per dozen.

**DEJAZET** (Vilmorin). Certificate, Paris. A superb flower of dusky orange rose, deeper in the falls. Early in bloom and plant medium in height. Stock limited. 50c. per plant, \$5.00 per dozen.

**E. H. JENKINS** (Bliss). A blue bicolor of strong branching habit and great freedom of bloom. 45 inches. 75c. each, \$7.50 per dozen.

**EDOUARD MICHEL** (Verdier). The true variety is scarce. Wide-spreading blossoms of deep, wine red on 3 foot stems. An imposing Iris when well grown and placed among creamy whites or pale yellow. Award of Merit. 50c. per plant, \$3.50 per dozen.



**IRIS, GERMANICA TYPE** (See page 85)

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



STANDARD VARIETIES BEARDED IRIS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**FAIRY.** White, touched with blue, delightfully fragrant. 36 inches. 50c. each, \$3.50 per doz.

**FLAVESCENS.** Soft creamy yellow. No Iris is more valuable in the garden. 30 inches. 50c. per plant, \$2.50 per dozen.

**FLORENTINA.** The gray white variety of the old gardens; large, fragrant and early. It makes a pleasing background for Clara Butt Tulips. 28 inches. 50c. per plant, \$2.50 per doz.

**FRITJOF** (Intermediate). A fine, purple bicolor in large flower, with a long blooming season. 50c. per plant, \$3.50 per dozen.

**GERDA** (Intermediate). Pale yellow, earlier than Flavescens. 50c. each, \$3.50 per dozen.

**GERMANICA TYPE** (Common Early Blue Flag). Violet purple, free flowering and effective with yellow Tulip, Mrs. Moon. 50c. per plant, \$2.50 per dozen.

**GOLD CREST** (Dykes). A delightful early, clear "blue" self. Gold beard. 30 inches. 50c. each, \$5.00 per dozen.

**HER MAJESTY.** S. soft rose; F. deeper rose, heavily veined. One of the best "pink" sorts and particularly satisfying used either with the cool white of Mrs. Darwin or the warm white of Innocenza. 28 inches. 50c. per plant, \$2.50 per dozen.

**HER RIVAL** (McKinney). Soft rose with a feeling of yellow through it. A small flower of delightful response in combination with rich purple and pale yellow. 34 to 36 inches high. 50c. per plant, \$5.00 per dozen.

**INNOCENZA.** S. and F. ivory white, slight reticulation at throat, late blooming and valuable. 26 inches. 50c. per plant, \$3.50 per dozen.



IRIS MADAME CHEREAU (See page 86)

**ISOLINE** (Vilmorin). S. soft yellow pink; F. deep old rose. A very large flower on 3 foot stems. 50c. per plant, \$3.50 per dozen.

**JEANNE D'ARC** (Vilmorin). A wide open flower with ruffled edges lightly traced in pale lilac, with the entire style branches a fresh, clear lilac. 32 inches. 50c. per plant, \$2.50 per dozen.

**JUNIATA** (Farr). 4-foot stems carry large, violet flowers above, noticeably fine flowing foliage. Excellent in every way. 50c. per plant, \$3.50 per dozen.

**KOCHI.** S. and F. deep black purple. An effective early blooming Iris, not so well known as it deserves. 2 feet. 50c. per plant, \$2.50 per dozen.

**LEONIDAS** (Barr). A very handsome, tall Pallida type. S. clear lavender; F. several shades deeper and hugging the stem, making the form an unusual but attractive one. Very large flower. 3 feet. 50c. per plant, \$2.50 per dozen.

**LENT A. WILLIAMSON** (Williamson). An American introduction which scored the highest mark in the recent Symposium conducted by the American Iris Society. It is massive in growth and flower. S. lavender violet and F. velvety Pansy violet. 42 inches. 50c. each, \$5.00 per dozen.

**LOHENGRIN.** A. M., R. H. S. A large flower, both S. and F. in shades of Cattleya mauve; petals very responsive to the strength or softness of the light. A plant of vigorous habit and good foliage. 32 inches. 50c. per plant, \$2.50 per dozen.



LENT A. WILLIAMSON

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

## STANDARD VARIETIES BEARDED IRIS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**LORELEY.** S. clear pale yellow. F. raisin purple with yellow edge. This variety possesses in a superlative degree what the garden colorists call "carrying-quality." No other Iris in our collection is more admired. 50c. per plant, \$2.50 per dozen.

**LORD OF JUNE (Yeld).** Free blooming, huge flowering Iris in pale blue. 36 inches. 75c. each, \$7.50 per dozen.

**MADAME CHEREAU.** S. and F. white, frilled clear blue; very lovely. 3 feet. 50c. per plant, \$2.50 per dozen.

**MANDRALISCAE.** S. deep blue; F. violet mauve with pale yellow, striped throat; 3½ feet high. 50c. per plant, \$2.50 per dozen.

**MONSIGNOR (Vilmorin).** A late flowering variety in rich coloring of purple and violet. The freedom of bloom makes it desirable for a strong note of color among the later blooming Irises. 2 feet. 50c. per plant, \$2.50 per dozen.

**MOTHER OF PEARL (Sturtevant).** "A flower made of the fabric of dreams." The name adequately describes the color. A vigorous plant with tall stately spikes bearing large flowers. 4 feet high. 50c. per plant, \$5.00 per dozen.

**MRS. ALAN GRAY (Foster).** S. and F. soft pinkish lilac. Blooms with the intermediates and invariably for us sends up spikes of bloom in the Autumn. No Iris is lovelier in mass. 30 inches. 50c. per plant, \$3.50 per dozen.



**IRIS SIBIRICA (Variety Orientalis)** (See page 87)

**MRS. NEUBRONNER.** S. and F. golden yellow, deeper than Aurea, also slightly earlier. 20 to 24 inches. 50c. per plant, \$2.50 per dozen.

**MY LADY (McKinney).** "The tallest Plicata." A seedling of William Marshall. Standards lavender in effect and falls white. 4 feet. \$1.50 each.

**OPERA (Vilmorin).** Certificate, Paris. Of glorious coloring in velvety rich, deep red purples. A fine flower of good shape. 33 inches. 75c. per plant, \$7.50 per dozen.

**ORIFLAMME (Vilmorin).** Award of Merit, London; Certificate, Paris. Immense handsome flowers of light blue and purple, always admired. 30 inches. 50c. per plant, \$5.00 per dozen.

**OTHELLO.** S. rich blue; F. deep dark, velvety violet. 30 inches. Still unsurpassed among the dark sorts. 50c. per plant, \$2.50 per dozen.

**PALLIDA DALMATICA.** S. and F. soft lavender; very fragrant; exquisite as a cut flower; superb in the hardy border. 3 to 4 feet. 50c. per plant, \$2.50 per dozen.

**PERFECTION.** S. light blue; F. black violet. A very free blooming sort and most effective as a dark foil for the lighter colors. 30 inches. 50c. per plant, \$2.50 per dozen.

**PRINCESS BEATRICE.** A selected form of Pallida Dalmatica with heavy textured lavender blue flowers. 75c. per plant, \$7.50 per dozen.

**PRINCE LOHENGRIN.** Far more open in habit, but identical with Lohengrin in every other respect. 75c. per plant, \$7.50 per dozen.

**PRINCESS ROYAL.** Tall, slender stems of violet blue flowers. 50c. each, \$5.00 per dozen.



**IRIS PALLIDA DALMATICA**

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

STANDARD VARIETIES BEARDED IRIS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**PROSPER LAUGIER** (Vilmorin). A. M., R. H. S. S. bronzy red; F. ruby velvet. The feeling of gold in its tones makes it the needed touch in a border of shades of yellow. Excellent also with creamy whites. 31 inches. 50c. per plant, \$2.50 per dozen.

**QUAKER LADY** (Farr). S. smoky lavender, shaded with gold; F. amethyst blue with yellow shadings. Styloid petals and beard yellow. To emphasize its charm of coloration, plant with Aurea and Mrs. Neubronner. 50c. per plant, \$2.50 per dozen.

**QUEEN OF MAY**. S. and F. soft lilac rose, fragrant. One of the most charming of the "pink" Pallidas. 32 inches. 50c. per plant, \$2.50 per dozen.

**RHEIN NIXE**. A. M., R. H. S. Standards clear white; F. rich raspberry purple with white edge. Tall, vigorous branched spikes. 3 feet. 50c. per plant, \$2.50 per dozen.

**SHERWIN WRIGHT**. A deep yellow, taller than Mrs. Neubronner. 50c. each, \$3.50 per dozen.

**SHEKINAH** (Sturtevant). Clear lovely yellow, deepening in the center. 34 inches. 75c. each, \$7.50 per dozen.

**SIBIRICA EMPEROR** (Japan). Award of Merit, London. Deep violet blue. Large flowers borne well above the foliage on 4-foot stalks. A clump of three years' standing makes a stunning garden feature. Stock limited. 75c. each.

**SIBIRICA, Variety ORIENTALIS**. These are grassy-leaved Irises retaining lovely flowering foliage throughout the season and blooming just at the close of the bearded Iris season. The delicately poised blossoms are attractive and valuable both for cutting and garden decoration.

**White**. 50c. per plant, \$2.50 per dozen.

**Shades of Blue**. 50c. per plant, \$2.00 per dozen.

**SIMPLICITY** (McKinney). An almost white flower, with pink, styloid petals. The plant is vigorous and free blooming, and, in clump, has the pleasing habit of throwing up stems of varying height. 34 inches. \$1.00 each.

**SNOW QUEEN** (Found in Japan by Mr. Peter Barr). An exceptionally free flowering Sibirica of the Orientalis form. Its large white blossoms make a fine mass effect. 28 inches. 50c. per plant, \$2.50 per dozen.

**THELMA PERRY** (Perry). A vigorous Pallida variety of refined coloring; soft blush; F. rosy mauve. 36 inches. 75c. per plant, \$7.50 per dozen.

**WALHALLA** (Intermediate). S. light blue lavender; F. velvety purple. Blooms in mid-May. 20 inches. 50c. per plant, \$3.50 per dozen.

**WHIM** (McKinney). A low growing, free blooming Iris of piquant charm. The flowers are cream, blushed and peppered with rose, giving the effect of pale terra cotta standards and cream falls. 20 inches. \$1.00 each.

**WHITE KNIGHT** (Saunders). A clear white of compact and pleasing form. 30 inches. 50c. per plant, \$3.50 per dozen.

## Dwarf Irises

\***BLACK MIDGET** (McKinney). Almost soot black buds. Flower dark purple with edges of standards and falls much lacinated. Good foliage throughout season. Free in bloom and in height 8 to 10 inches. For several successive seasons has bloomed again in early October. \$1.50 each.

\***CRISTATA** (Evansia). A dainty creeping species; flowers rich amethyst blue, striped orange; increases rapidly. A little gem for borders, rock-work or low massing. It is happier in locations that are shaded a part of the day. Given these conditions and time to mass, it will delight all who try it. 50c. per plant, \$2.50 per dozen.

\***GLEE** (McKinney). This is a dwarf Iris of exceptional merit. The profusion of its pale yellow bloom and the gay grace of its two-flowered stems merit the name given by the originator. Its record of three weeks bloom was carried this year to more than four weeks. Pale yellow; late April and early May. 12 inches. \$3.00 per plant.

\***GRACILIPES**. The most fairy-like of all Irises. From among delicate and graceful foliage the small rhizomes send up sometimes as many as six branches, carrying small-crested, pinkish-lilac blossoms. Delightful for a moist, but well drained place, either in border or rock garden. Likes afternoon shade. \$1.00 each. *August delivery only on Gracilipes. Pot plants only.*

\***TECTORUM ALBA**. For the top of a low wall or terrace nothing is more lovely than this pure white crested Iris, which blossoms at the same time as the tall bearded sorts. Foliage good. Exquisite variety. Stock scarce. 15 inches high. \$1.25 per plant.

\***TECTORUM**. Blue. 50c. each, \$5.00 per dozen.

\***VERNA**. A native Iris demanding much the same conditions of acid soil required by the Bird-foot Violet. Deep lavender in blossom with a gold splash and very fragrant. Foliage deep green and persistent. Adapted to the rock garden where special conditions may be created for it. 50c. per plant, \$5.00 per dozen.



SHERWIN WRIGHT

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

HARDY PERENNIAL PLANTS—Continued

## Japanese Iris

These magnificent Irises are a truly gorgeous sight and extend the Iris season well into July. The colors are many and brilliant, and add greatly to any garden.

They thrive in any good, mellow clay loam and while they like plenty of moisture during the growing season, flooding with water is not a necessity, as many suppose. It is essential to keep the ground well stirred. Be sure water does not stand over them in Winter.

Price: 50c. per plant, \$3.50 per dozen, \$25.00 per 100, except where noted

### Bettie F. Holmes

The improved "Gold Bound," pure white in color with a midrib of lemon yellow. Flower much larger than Gold Bound, foliage and growing habit superior to any other Japanese Iris in cultivation.

\$2.00 per plant, \$20.00 per dozen

**BLUE JAY.** Double sky blue, distinct white lines on each petal.

**DOMINATOR.** Single. A dark violet blue, lighter veinings of orange at base of falls; makes a splendid spot of color in the July garden. Upright standards, very large, horizontal falls.

**GOLD BOUND.** Double. Large, double white, enriched by a creamy glow, from the gold-banded center.

**ORIOLE.** Double. A large flower of rich plum color with darker shadings and touch of gold at center.



TOTTI'S TRUE BLUE

**PINK GEM.** Single. Very large, slightly drooping falls; lovely soft mauve pink, veinings of darker shade of pale yellow at base of falls.

**PYRAMID.** Double violet purple, veined white in center of each petal.

**RED RIDING HOOD.** Single; fine amaranth, veined and suffused white.

**"ROSE-ANNA."** Double, mauve lavender, darker halo. Petals of soft, crepe-like texture, with yellow blotch at base.

**TOTTI'S TRUE BLUE.** Double; a very beautiful clear blue with a dash of gold at the base of each petal. A very large, double flower; petals with little or no veining and remaining horizontal until faded. A new introduction this year, and a very unusual color in Japanese Irises. 50c. each, \$5.00 per dozen.

**VIOLET BEAUTY.** Large, single flower of a rich, dark violet purple, with long, conspicuous yellow center and graceful, crêpe-like texture. A tall growing variety, very showy in the garden.



ORIOLE

Price: 50c. per plant, \$3.50 per dozen, \$25.00 per 100, except where noted

## HARDY PERENNIAL PLANTS—Continued



LILIUM REGALE or MYRIOPHYLLUM (See page 90)



LILIUM RUBRUM MAGNIFICUM (See page 90)

## LILIES (CULTURAL NOTES)

Most Lily bulbs may be planted either in the Spring or Fall. The most important factor in growing Lilies is that they should have good drainage. Manure or commercial fertilizer should never be allowed to come in direct contact with the bulbs, as this is often the cause of rotting and disease. In planting, dig the hole 6 inches deeper than the bulb is to be set and place some well decomposed leafmold in the bottom of the hole. Over this, place an inch or two of sand. The bulb is then placed on the sand, so that the top of the bulb is 6 to 8 inches below the surface of the ground. A mulch of peat moss or leafmold is very necessary during the Summer, with straw and leaves for Winter covering.

### LILIUM AURATUM

(*The Goldband Lily of Japan*)

Flowering in July and August. Large, pure white flowers with gold band and crimson spots, very fragrant. An easy species to grow. 50c. each, \$5.00 per dozen.

### LILIUM BATEMANNIAE

This beautiful Lily is a warm shade of apricot and is happily adapted to growing in partial shade or full sun. Comes into bloom in July and blooms until the end of August. Height 3 feet. 50c. each, \$5.00 per dozen, \$35.00 per 100.

### LILIUM HANSONI

Beautiful clusters of reddish orange flowers borne on 4 to 5 foot stems. Very hardy and not particular as to conditions. Partial shade helps to retain brilliant coloring in blooms. Another Lily from Japan that is quite at home in our gardens. Blooms early in June. 75c. each, \$7.50 per dozen.

### LILIUM CANDIDUM

(*Ascension or Madonna Lily*)

This is the Lily grown in all old-fashioned gardens; five to eight pure white flowers, borne on stems 3 to 4 feet high. Delphiniums grouped with these beautiful Lilies make a charming combination in the hardy border during the month of June. 50c. each, \$5.00 per dozen, \$35.00 per 100.

### LILIUM HENRYI

Very similar to Speciosum except in coloring, which is a gorgeous orange yellow with a green stripe down the center of each petal. This Lily blooms in August and September, which makes it very valuable for the late Summer garden. It is perfectly hardy and has no particular soil requirements. 75c. each, \$7.50 per dozen.

### MELPOMENE

Same as the above, only the blooms are suffused with deep crimson and very striking. 50c. each, \$5.00 per dozen.

HARDY PERENNIAL PLANTS—*Continued*LILIUM—*Continued***REGALE, or MYRIOPHYLLUM**

Flowers white, slightly suffused pink, with a beautiful shade of canary yellow at the center. Delightfully perfumed, reminding one of the Jasmine. Blooms out of doors early in July. Absolutely hardy.

Large size, 75c. each, \$7.50 per dozen. Small size, 3 bulbs \$1.00, 12 bulbs \$3.50.

**LILIUM SPECIOSUM ALBUM**

Pure white Lily with a shading of pale green, through the center of each petal. This variety can be very safely planted in the Spring and must be planted about 8 to 10 inches deep. The height of the Lily is from 3½ to 4 feet, and it flowers in August and September. 50c. each, \$5.00 per dozen, \$35.00 per 100.

**RUBRUM MAGNIFICUM**

Always satisfactory in the perennial border, perfectly hardy and blooming late into September. Flowers white, shaded and spotted with rose and very fragrant. A graceful stem, 3 to 4 feet high, carries from three to twelve beautiful blooms that open gradually, prolonging the blooming season. 50c. each, \$5.00 per dozen.



**LIATRIS PYCNOSTACHYS (Blazing Star or Gayfeather)**



**LILIUM AURATUM** (See page 89)

**LILIUM SUPERBUM**

One of the hardiest Lilies grown. Has large clusters of bright reddish orange flowers conspicuously spotted with brown. Excellent for planting near streams or for naturalizing among shrubs. Prefers partial shade, but will thrive in full sun if the ground is kept cool with leafmold. Blooms June and July. 4 feet high. 50c. each, \$5.00 per dozen.

**LILIUM TENUIFOLIUM**

This fascinating Lily is imported from Siberia and is one of the best varieties we have for rock garden work. It is a very dainty grower with small, narrow leaves and attains a height of about 18 to 20 inches. The flowers are deep scarlet in color and the petals turn back showing the center to its best advantage. Should be planted about 4 inches deep, and is one of the finest of the June Lilies. 50c. each, \$5.00 per dozen, \$35.00 per 100.

**LILIUM TIGRINUM (Simplex Splendens)**

The well known Tiger Lily that flourishes in all situations, is hardy and easily cultivated. Bright orange red flowers thickly dotted with purple spots. Admirably adapted for mass plantings against shrubbery. Blooms July and August. 50c. each, \$5.00 per dozen.

**LIATRIS (Blazing Star or Gayfeather)**

**PYCNOSTACHYS.** Beautiful rocket-like spikes of pale purple blooming in late July and August. Very striking in the border and attracts many butterflies. Grows about 3 to 4 feet high and is very useful as a cut flower.

**Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted**

HARDY PERENNIAL PLANTS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**LINARIA** (*Toadflax*)

\***HEPATICAFOLIA.** Tiny sky blue flowers with orange throat. Must have full sun in well drained soil. Blooms Spring to frost. 3 inches high. 50c. each, \$5.00 per dozen.

**LINUM** (*Flax*)

\***PERENNE.** One of the most effective of the blue perennial flowers, growing about 18 inches high and flowers from May to July. When planted in masses, makes a very beautiful show of color.

**LYCHNIS** (*The Lamp Flower*)

**CHALCEDONICA.** Most desirable variety, orange scarlet. 3 feet high. June to mid-July.

**LYTHRUM** (*Loosestrife*)

**ROSEUM SUPERBUM.** Rose color, robust habit. 4 to 5 feet. July and August.

**MERTENSIA** (*Virginia Bluebells*)

**VIRGINICA.** Blooms very early in the Spring, making a charming color scheme when planted with *Doronicum excelsum*. Flowers of bright blue, fading to pink and borne on graceful, drooping stems about 1½ feet high. A very desirable addition to every Spring garden.

**MONARDA** (*Bergamot*)

**DIDYMA.** Brilliant crimson scarlet flowers, produced in plants about 2½ to 3 feet high, during the months of July and August. Very showy and bright when planted en masse.

**MAZUS**

\***RUGOSUS.** Trailing growth covered with masses of blue and white flowers. Blooms entire season. 50c. each, \$5.00 per dozen.

**MYOSOTIS** (*Forget-me-not*)

\***ALPESTRIS INDIGO BLUE.** This beautiful bright blue border plant comes into bloom with the earliest Spring flowering bulbs and continues to bloom through May and June. This is a biennial plant, but seeds itself freely and thus carries over from year to year.

\***PALUSTRIS SEMPERFLORENS.** No hardy flower is better known or appreciated than this light blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location. 6 inches.

**NEPETA** (*Ground-ivy*)

\***MUSSINI.** A most desirable border or rock plant with gray green foliage and covered with masses of pale lavender blue flowers. Blooms from May to November if cut back once during Midsummer. 1 foot high and has a spread of 12 to 15 inches. Is a splendid ground cover and succeeds well in any soil or location. Especially useful in dry, sunny slopes to prevent washing.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**NIEREMBERGIA**

\***RIVULARIS.** Trailing alpine plant; white, cup-shaped flowers with gold centers. July to September. 50c. each, \$5.00 per dozen.

**PACHYSANDRA** (*Japanese Spurge*)

**TERMINALIS.** An evergreen ground cover unsurpassed for its adaptability to all situations and conditions. Chief among its many uses, we recommend it for planting under evergreens, shrubs and in cemetery work. As a border for walks and drives it is most attractive. Also splendid for steep slopes in sun or shade, and for dense shade under any kind of trees. *Pachysandra* is the only plant to thrive under pine trees. It attains a height of about 8 inches. Plant 6 inches apart each way for best results.

**Herbaceous Peonies**

Cast-iron in their hardiness, blooming equally well north, south, east and west, in this country, no other flower is so adaptable and so satisfactory. A good, rich soil, open sunny position and plenty of water during their growth is all they need. When planting, place the roots so that the crowns are barely covered with soil.

**ASSORTED VARIETIES.** 50c. per plant, \$5.00 per dozen, \$35.00 per 100.

**PINKS** (*See DIANTHUS*)



LYCHNIS CHALCEDONICA (*The Lamp Flower*)

## HARDY PERENNIAL PLANTS—Continued



PAPAVER ORIENTALE (Mrs. Stobart)



THE GIBSON POPPY

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**PAPAVER ORIENTALE** (*Oriental Poppy*)

**MRS. STOBART.** On one of our recent trips to Europe we found this gorgeous rose cerise Poppy. The color is most unusual and a joyous addition to all hardy perennial borders. We imported plants of this Poppy. All our plants are grown from cuttings. They are perfectly hardy and will grow in any type soil but require full sun for their best development.

2-year old plants to bloom this year, \$2.50 each  
1-year old plants to bloom next year, \$1.00 each

**THE GIBSON POPPY**

A new addition to our list this year is a beautiful orange Poppy that blooms all season. It is of the Iceland type, having tufty fern-like foliage out of which rises rich orange flowers on slender stems 8 to 10 inches high. Should have a well-drained sunny location and besides being a useful border plant is ideally adapted to the rock garden. It is perfectly hardy. 50c. each, \$5.00 per dozen, \$35.00 per 100.

## Phlox

**COMMANDER.** Brilliant deep crimson red with deeper red eye. Grows about 20 inches high. Produces a great many spikes of these brilliantly colored Phlox.

**ENCHANTRESS.** The Elizabeth Campbell shade of soft salmon pink, but having a much more vigorous growth. This is a splendid new variety which we highly recommend in place of the once popular Elizabeth Campbell. 50c. each, \$5.00 per dozen.

**GENERAL VON HEUTZ.** Brilliant salmon scarlet with large white center. A very striking variety. 3½ feet.

**LOUISE ABBEMA.** Very large dwarf, pure white, fine form. 18 inches.

**MISS LINGARD.** This is known as the early flowering Phlox, since it comes into flower in May and continues to flower continuously until October, or the very heavy frosts injure it. Height about 2 feet. Color, pure white.

**MRS. JENKINS.** The most popular white variety so far introduced; splendid for planting en masse; blooms early and profusely.

**MRS. MILLY VON HOBOKEN.** Lovely soft pink. Large flowers on tall erect stems. A new variety that should be included in every collection.

**RHEINLANDER.** Beautiful salmon pink with claret red eye. Individual trusses of immense size.

**SIR EDWARD LANDSEER.** Deep cherry pink with carmine red eye. One of the fragrant type. 2 feet.

**THOR.** Deep salmon pink, suffused with a scarlet glow, somewhat lighter in mass effect than General Chanzy. Has unusual gardenesque value.

**WANADIS.** Lovely light violet, mottled white with a bright purple eye. In mass, a violet blue. Medium height.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted





### \*Phlox Divaricata Laphami

A perennial Phlox of pure gentian blue, growing to a height of 15 to 18 inches; unsurpassed as a border plant when planted in front of Darwin Tulips, since it flowers in May and continues flowering until early July.

No other garden flower blooming at this season shows this rare and beautiful color.

A solid bed of Phlox Laphami is one of the most attractive sights in any garden and we cannot too strongly recommend everyone to try at least a few plants of this remarkable plant.

### Phlox \*Subulata. (*Moss or Mountain Pink*)

An evergreen creeping plant, excellent for edging the border or in the rock garden. Producing masses of bloom in April and May, with moss-like foliage; invaluable carpeting for the ground.

\***CAERULEA.** Especially useful in the rock garden, owing to the scarcity of blue flowering plants during April and May. This variety makes a neat, compact plant, literally covered with clear, blue flowers equal in intensity to the Phlox divaricata laphami. Truly a little gem, not as yet widely distributed. 50c. per plant, \$5.00 per dozen, \$35.00 per 100.

\***ALBA.** Pure white.

\***LILACINA.** Light lilac.

\***VIVID.** Bright cerise pink.

\***ROSEA.** Rose pink.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

## HARDY PERENNIAL PLANTS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**PLATYCODON** (*Japanese Bellflower*)

Very handsome hardy perennial, with beautiful, bell-shaped flowers, much like *Campanula*, blooming in July and August.

**GRANDIFLORUM.** Very large, deep blue, star-shaped flowers. 2 feet.

**GRANDIFLORUM ALBUM.** Beautiful pure white type of the above. 2 feet.

**PLUMBAGO** (*Leadwort*)

\***LARPENTAE.** A splendid border or rock plant with deep blue flowers, blooming in September and October; dwarf spreading habit. 8 to 10 inches high.

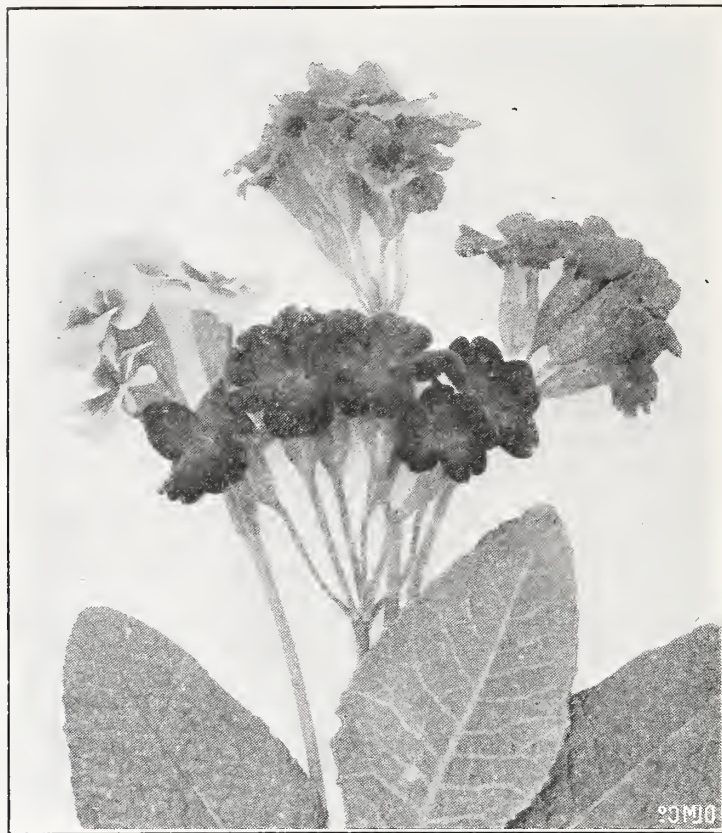


**PYRETHRUM** (*Persian or Painted Daisy*)

\***PRIMULA** (*Primrose*)

Primroses thrive best in a damp situation in semi-shade. Alternative with Forget-me-nots (*Myosotis alpestris*). They make a charming edge for a shady border, or in front of shrubs. There are many colors including white, pale yellow, deep yellow, bronze and deep red and crimson, but the colors blend perfectly and it adds to their charming effect to have all colors grown together. The bloom commences in early May and continues into June. Height 6 to 8 inches. We have large clumps ready for very early planting.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted



**PRIMULA** (*Primrose*)

**POLYGONUM** (*Knotweed*)

**CUSPIDATUM.** Noble plant attaining a height of 6 feet, producing long, drooping clusters of white flowers in the axil of each leaf.

**PYRETHRUM** (*Persian or Painted Daisy*)

One of the best perennials in our list. It is perfectly hardy, will thrive in any garden soil and in any situation except in dense shade under trees. As a cut flower it is unsurpassed in daintiness and keeping qualities. Comes in white, pink and dark red but not in separate colors. Blooms in May and June, and if cut back after first bloom will give flowers throughout the Summer and early Fall. Grows about 1½ to 2 feet high.

**RUDBECKIA**

**GOLDEN GLOW.** One of the best known hardy flowers, blooming from July until September.

**PURPUREA.** Large, showy reddish purple flowers; 4 inches across. 3 feet. July to October.

**SALVIA**

**AZUREA GRANDIFLORA** (*Blue Sage*). A Rocky Mountain native, producing a profusion of beautiful flowers on slender spikes during August and September. Very attractive planted with late-flowering white Phlox, or with a background of flowering shrubs. 4 to 5 feet.

**FARINACEA** ("Blue Bedder") (New). A beautiful, deep blue sport of *Salvia farinacea*, more floriferous and a trifle dwarfer in growth, and much more beautiful in color, as it is a wonderful deep shade of blue. Spring delivery only.

**PRATENSIS** (*Meadow Sage*). An early blue Sage producing showy spikes of violet blue in late May and June. It is an excellent plant in the hardy border blooming with *Iris* and *Hesperis*, making a most attractive combination. Height 2 to 3 feet.

HARDY PERENNIAL PLANTS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**SANTOLINA** (*Lavender Cotton*)

\***INCANA.** Silvery white foliage, used for rock border and very largely used for carpet bedding.

**SCABIOSA** (*Pincushion Flower*)

**CAUCASICA.** Sky blue flower, about 4 inches across, with tufted center, flowering from June to September and attains a height of about 18 inches. Splendid for cutting purposes.

**JAPONICA.** Bright blue flowers, flowering from July until September and growing 2 feet high.

\***SAPONARIA** (*Soap Flower*)

**OCYMOIDES.** Border plant, growing about 6 inches high, producing masses of bright pink flowers from July to October.

**SEDUM** (*Stonecrop*)

\***ACRE.** Very useful in the rock garden or for wall crevices; making thick tufts, covered with very small, bright yellow flowers in the early Summer; creeping flowers, sometimes called "Wall Pepper."

\***ALBUM.** This makes a thick mat of gray green foliage, small white flowers blooming in July and August, 3 to 4 inches high, spreading habit, splendid for rock gardens.

\***ANGLICUM.** Delicate pink feathery blooms and rosettes of gray, fleshy leaves. 50c. each, \$5.00 per dozen.

\***KAMTSCHATICUM.** Numerous yellow flowers in flat heads. Blooms late Summer. 6 inches high. 50c. each, \$5.00 per dozen.



**SPIRAEA** (*Meadowsweet*)

\***LYDIUM GLAUCUM.** Pink blossoms in Mid-summer. 4 inches high. 50c. each, \$5.00 per dozen.

\***REFLEXUM.** Small yellow flowers. 8 to 10 inches high. 50c. each, \$5.00 per dozen.

**SPECTABILE.** Most popular of all the Sedums, producing large, flat heads of rose colored flowers 2 feet high. Mid-August to mid-September.

**SILENE**

\***SCHAFTA.** The Autumn "Catchfly." Rosy flowers on 6 inch stems. Blooms June to frost. 50c. each, \$5.00 per dozen.

**SPIRAEAS** (*Meadowsweet*)

Very showy plants, either planted in isolated clumps or intermingled with other herbaceous plants in the hardy border. They thrive well in any rich garden soil, but prefer damp positions. Very decorative with beautiful spikes of flower. Many of the varieties we offer below are varieties that have been grown for many years in the gardens of America, and have proved very satisfactory.

**AMERICA.** Charming lilac rose flowers which hold their color very well over a long period. 20 to 22 inches in height and abundant foliage. 50c. each.

**BRUNHILDE.** Very late, tall creamy white flowers borne on long stems, and a profuse bloomer. Produces excellent cut flowers from June until August. \$1.00 each per plant, \$10.00 per dozen.

**GLADSTONE.** A very beautiful pure white variety. Immense plummy trusses borne on erect, strong stocks; one of the most popular varieties. 75c. per plant, \$7.50 per dozen.



**SCABIOSA CAUCASICA** (*Pincushion Flower*)

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

## HARDY PERENNIAL PLANTS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

## SPIRAEAS—Continued

**GLORY.** One of the best pink varieties having tall branching spikes of plummy flowers. A gorgeous bright pink that shows up well in the garden and adds lovely color to the perennial border through June and July. \$1.00 per plant, \$10.00 per dozen.

**KRIEMHEILDE.** One of the most attractive of the late Spiraeas, salmon pink in color. \$1.00 per plant, \$10.00 per dozen.

**MONT BLANC.** A dazzling white with right green foliage, dwarf habit. Flowering medium early. 75c. per plant, \$7.50 per dozen.

**QUEEN ALEXANDER.** Another very fine variety. 75c. each per plant, \$7.50 per dozen.

**RUBENS.** Very beautiful carmine rose and one of the best liked of the many varieties sent out. 75c. each per plant, \$7.50 per dozen.

**VENUS.** Is a purplish rose, very tall, late growing variety. \$1.00 per plant, \$10.00 per dozen.

**VESTA.** Is the bright rosy pink, the earliest of all Spiraeas to flower. \$1.00 per plant, \$10.00 per dozen.

STATICE (*Sea-lavender*)

**\*LATIFOLIA.** A popular border and rockery plant with very glossy leaves and small purplish blue flowers in trusses about 12 inches across, blooming profusely. Height 18 inches. Useful for Winter bouquets.

STOKESIA (*The Cornflower Aster*)

**CYANEA CAERULEA.** Very large lavender blue flowers blooming from early July until late October—succeeds well in open, sunny position. A very desirable border plant growing about 1½ to 2 feet high.

**ALBA.** White form of the above.

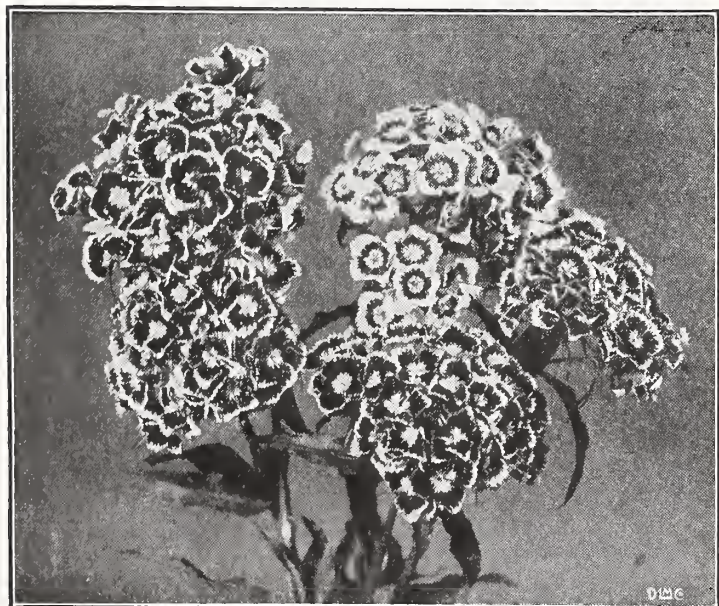
SWEET-WILLIAM (*Dianthus barbatus*)

Possibly one of the best known, free flowering, hardy perennials; easily one of the most attractive flowers in the garden.

**PINK BEAUTY.** Beautiful Newport pink color.

**PURITY.** Snow white, one of the best.

**SCARLET BEAUTY.** Brilliant scarlet.



SWEET-WILLIAM (*Dianthus barbatus*)



VERONICA LONGIFOLIA SUBSESSILIS

THYMUS (*Creeping Thyme*)

**\*LANUGINOSUS.** Clouds of purple blue flowers. Also excellent for wall garden. 50c. each, \$5.00 per dozen.

**\*SERPYLLUM.** Creeping, wiry stemmed variety used extensively for planting between stepping stones and in the rock gardens. Small, purple lilac bloom, flowering most of the Summer. This delightful little plant makes a close, fragrant carpet that may be walked on freely without injury. Grows on hot, dry, sunny banks where it is difficult to establish other plants.

VERONICA (*Speedwell*)

**ERICA.** A very attractive Veronica for the rock garden, having a pink Heather-like bloom about 8 inches high and blooming more or less through the Summer. 50c. each, \$5.00 per dozen.

**LONGIFOLIA SUBSESSILIS.** Also known as the clump "Speedwell." This is one of the handsomest of the Veronica type. It has long spikes of a beautiful deep blue and is frequently used as a cut flower. It attains a height of about 2 feet and flowers from July to September. Grown for cut flower purposes in the hardy border, it is one of the most satisfactory perennials it is possible to procure. \$5.00 per dozen, \$35.00 per 100.

**\*REPENS.** Prostrate moss-like growth. Pale blue flowers in early Spring. 50c. each, \$5.00 per dozen.

**SPICATA.** Flowers in June and July; magnificent sprays of bright blue flowers, growing 1½ to 2 feet high.

**SPICATA ROSEA.** A splendid hardy member of this family with an exceptionally long blooming period, commencing in June and continuing until frost. The spikes of lovely soft pink grow about 18 inches high and have an abundance of branches if the old spikes are cut away.

**\*TEUCRIUM.** A creeping variety covered with deep blue flowers in June. Most attractive. 50c. each, \$5.00 per dozen.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

HARDY PERENNIAL PLANTS—Continued

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**VALERIANA** (*Valerian*)

**OFFICINALIS.** Very fragrant, rose tinted flowers, sometimes called garden Heliotrope; flowering June and July. 2 feet high.

**RUBRUM.** Large, flat headed clusters of deep pink flowers. Blooms from late June until August. Height 1½ feet.

**VERBENA VENOSA**  
(*Hardy Garden Verbena*)

This variety is largely used for bedding purposes. It is a strong, thrifty grower about 1 foot high and covered from early Summer until late Fall with its bright purplish heliotrope flowers. 50c. per plant, \$5.00 per dozen.

**VERBASCUM PHOENICEUM**

(*Purple Mullein*)

Producing slender spikes of rosy lavender and mauve purple, about 2 feet high. This unusual plant forms a crinkly rosette of leaves and is most attractive in the rock garden where taller plants can be used.

**\*VINCA MINOR** (*Common Periwinkle*)

One of the best evergreen ground covers making a thick trailing growth in two years. Blooms quite freely in early Spring and occasionally through the Summer and Autumn. Will grow well under trees and is excellent for covering bare slopes and rocky banks.



VIOLA APRICOT QUEEN

**\*VIOLA APRICOT QUEEN**

A fascinating shade of apricot that compels the immediate attention and admiration of all who see it. The plant has a neat, compact habit of growth and blooms freely from Spring to October. The requirements for success in growing this charming Viola are to locate the plants in full sun and to shear them close to the ground twice during the season.

Price: 50c. per plant, \$5.00 per dozen, \$35.00 per 100

**\*VIOLA, JERSEY GEM**

The peerless Viola that blooms from April until snow, rich, dark violet color, with long stems and a delicious fragrance. It is perfectly hardy and will grow in any good garden soil, but must have full sun for best results.

**\*HYBRID VIOLA, JERSEY JEWEL**

Here we have a new break, as remarkable in its way as Viola Jersey Gem. Practically all the Cornuta characteristics have been eliminated but it retains the perpetual blooming habit that has made Jersey Gem famous. The flowers are about twice the size of Jersey Gem; the color being true Pansy violet. \$1.00 each, \$10.00 per dozen, \$75.00 per 100.

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted

**VIOLA CORNUTA** (*Perennial Violet*)

**\*ADMIRATION.** A deep dark blue in color with flowers almost as large as the annual Pansy, but flowering continuous over half of the year.

**\*WHITE PERFECTION.**

**\*YELLOW GEM.**

**YUCCA** (*Adams Needle*)

**FILAMENTOSA.** Ornamental foliage and flowering plants. Makes a splendid foil for the delightfully fragrant spikes of creamy white flowers produced during June and July. 5 to 6 feet tall.

## ROCK GARDEN COLLECTIONS



### 1 Plant Each

of the following

### 24 Varieties

24 Plants

**\$10.00**

Makes a garden 3ft. x 6ft.



### 3 Plants Each

of the following

### 24 Varieties

72 Plants

**\$18.50**

Makes a garden 8ft.x8ft.



### 6 Plants Each

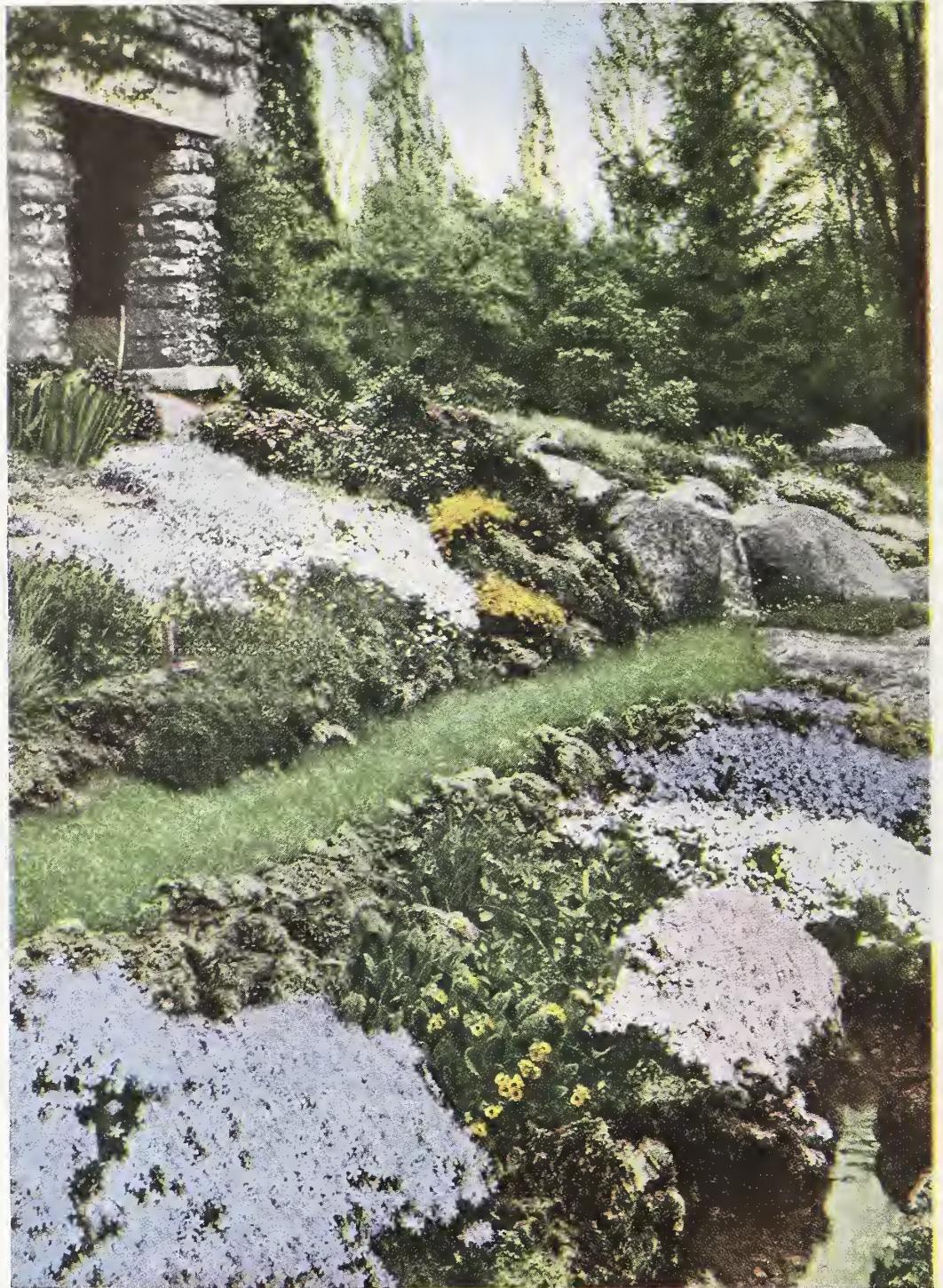
of the following

### 24 Varieties

144 Plants

**\$35.00**

Makes a garden 10ft.x12ft.



There is no form of gardening so captivating to the majority of garden lovers as the rock garden.

Rock plants prefer a sunny exposure and good drainage, but do not require special care. A liberal amount of good garden loam mixed with limestone chips, or coarse gravel, forms an ideal mixture in which to grow the plants listed. For fertilizer use bonemeal, or very well rotted cow manure moderately.

*Aquilegia alpina*  
*Alyssum argenteum*  
*Arabis albida*  
*Arenaria montana*  
*Armeria lauchiana*  
*Aubrietia purpurea*  
*Aubrietia leichtlini*  
*Campanula rotundifolia*

*Dianthus arenarius*  
*Dianthus caesius*  
*Dianthus deltoides*, "Brilliant"  
*Helianthemum*, "Fireball"  
*Hypericum olympicum*  
*Linaria hepaticifolia*  
*Mazus rugosus*  
*Nierembergia rivularis*

*Sedum anglicum*  
*Sedum kamtschaticum*  
*Sedum lydium glaucum*  
*Sedum reflexum*  
*Silene schafta*  
*Thymus lanuginosus*  
*Veronica teucrium*  
*Veronica repens*

For description, see list of perennials

Price: 50c. per plant, \$5.00 per dozen, \$35.00 per 100

## ROCK GARDEN PLANTS

*Anchusa myosotidiflora*  
*Arabis florepleno*

*Geum heldreichi*  
*Phlox caerulea*

*Veronica erica*  
*Viola, Apricot Queen*

For description, see list of perennials

Price: 50c. each, \$5.00 per dozen, \$35.00 per 100

*Alyssum saxatile compactum*

*Arabis alpina*

*Campanula carpatica Blue*

*Campanula carpatica alba*

*Dianthus Annie Laurie*

*Dianthus plumarius*

*Helianthemum aureum*

*Iberis gibraltarica*

*Iberis sempervirens*

*Linum perenne*

*Myosotis alpestris Indigo Blue*

*Myosotis palustris semperflorens*

*Nepeta mussini*

*Plumbago larpentae*

*Phlox divaricata laphami*

*Phlox subulata alba*

*Phlox subulata lilacina*

*Phlox subulata rosea*

*Phlox subulata Vivid*

Primroses

*Santolina incana*

*Saponaria ocymoides*

*Sedum acre*

*Sedum album*

*Statice lactifolia*

*Thymus serpyllum*

*Vinca minor*

*Viola Jersey Gem*

*Viola Admiration*

*Viola White Perfection*

*Viola Yellow Gem*

For description, see list of perennials

Price: 50c. each, \$3.00 per dozen, \$20.00 per 100



## HARDY VINES

We have had so much call for hardy vines that we have decided to carry the following choice kinds best suited for covering houses, fences and garden walls.

### AMPELOPSIS VEITCHI

*(Boston or Japanese Ivy)*

Useful in city and suburbs; its glossy foliage withstands dust and smoke well. Clings to bricks, walls, fences, or rocks. Once established forms a dense, rapid growth. Foliage turns to brilliant, scarlet crimson and orange in the Fall. 3 yr. old, \$1.25 each; 2 yr. old, 75c. each.

### CLEMATIS PANICULATA

*(Japanese Virgins-bower)*

A very satisfactory flowering vine. Perfectly hardy, of strong, rapid growth, attractive, glossy green foliage producing a profusion of white, fragrant flowers in August and September. Also useful as a trailer on rocky slopes and banks. 75c. each, \$7.50 per dozen.

### EUONYMUS

*(Broad-leaved Evergreen; Bittersweet)*

**RADICANS VEGETUS.** Very attractive climbing evergreen with aerial rootlets, which makes it self supporting on a stone wall or base of house. Also attractive as a ground cover. In the Fall this produces an abundance of orange scarlet berries which remain on the plant the greater part of the Winter. As an absolutely hardy evergreen wall covering, this plant is unequalled. 50c. each, \$5.00 per dozen.

**LONICERA** *(Hall's Evergreen Honeysuckle)*

**HALLIANA.** One of the best vines for all purposes, blooms from early Summer to frost. Flowers yellow and white with a delightful fragrance. Very vigorous grower. Splendid covering for banks and slopes. 50c. each, \$5.00 per doz.



## EVERGREENS AND FLOWERING SHRUBS

A few, well chosen evergreens add year-round interest and beauty to the herbaceous borders and the rock garden. The group we list below are especially selected for these purposes. Also, we have chosen a group suitable for base or foundation planting of dwarf varieties that will remain dwarf indefinitely if given the proper care and are clipped or sheared at the proper season. This should always be done in the early Spring so that the new growth will have sufficient time to mature before freezing weather.

These plants are exceptionally well formed and compact and will be ready for delivery, balled and burlapped in the Spring, during April and May and again in August and September for Fall planting.

- BIOTA nana aurea** (Berckmann's Golden). Fine dwarf specimen, compact, globe-shaped, yellow tipped foliage.  
 10-12 inches.....\$2.50 each  
 12-15 inches..... 3.00 each
- JUNIPERUS chinensis pfitzeriana**. Gray green bushy plant, feathery foliage; extremely hardy.  
 1½-2 feet.....\$3.50 each  
 2½-3 feet..... 5.00 each
- JUNIPERUS communis aurea**. Splendid, low-spreading, bushy tree, with golden foliage.  
 1½-2 feet.....\$3.50 each
- JUNIPERUS communis hibernica** (Irish Juniper). Tall, symmetrical, useful for accent.  
 2-2½ feet.....\$3.50 each
- JUNIPERUS excelsa stricta**. Pyramidal, compact, gray green foliage; useful in formal plantings.  
 12-15 inches.....\$2.50 each  
 15-18 inches..... 3.50 each
- JUNIPERUS sabina**. Irregular spreading branches, foliage dense dark green, retaining splendid Winter coloring.  
 1½-2 feet.....\$4.00 each
- JUNIPERUS sabina prostrata** (Creeping Juniper). Adds green to the rock garden in Winter.  
 1½-2 feet.....\$3.50 each
- RETINOSPORA plumosa**. Bright green, plummy foliage of fine texture. May be sheared into formal shape.  
 2-2½ feet.....\$4.00 each  
 2½-3 feet..... 5.50 each
- RETINOSPORA plumosa aurea**. Same as above, but foliage has a golden sheen.  
 2-2½ feet.....\$4.00 each  
 2½-3 feet..... 5.50 each
- RETINOSPORA plumosa lutescens**. Low, rounded broad bush, very slow growing and a splendid contrast to the blue green foliage of the Junipers.  
 12-15 inches.....\$2.50 each  
 15-18 inches..... 3.50 each
- THUJA occidentalis pyramidalis** (Pyramidal Arborvitae). Remains green over Winter and is very vigorous; an excellent accent plant.  
 3-4 feet.....\$6.00 each
- THUJA occidentalis compacta**. The globe-shaped dwarf Arborvitae, beautiful bright green foliage and very hardy.  
 15-18 inches.....\$3.00 each



**BEAUTYBUSH (*Kolkwitzia amabilis*)**

An exceedingly handsome ornamental shrub which has come to us from the wildernesses of China and Central Asia. The foliage and habit are attractive when the bush is out of flower and it is perfectly hardy as far north as Montreal.

It grows 6 to 9 feet high when mature and as much through, erect and twiggy, producing long, arching branches covered in Spring with clusters of small, tubular flowers of the Honeysuckle type, borne in such profusion that the bush is one cloud of delicate pink.

Beautybush has all the merits of a perfect shrub—hardiness, year-round beauty in foliage and habit, and an amazing profusion of flowers of beautiful color.

	Each	Doz.
3-year old, 2-3 feet.....	\$2.50	\$25.00
2-year old, 18-24 inches.....	1.75	20.00
2-year old, 12-18 inches.....	1.25	15.00



BEAUTYBUSH (*Kolkwitzia amabilis*)

**PHILADELPHUS, BOUQUET BLANC**

One of the handsomest of shrubs, which must be seen to be appreciated. Makes a fine specimen for the lawn, and for hedges it is beyond words; the variety is a vigorous grower and throws gracefully arching stems closely set with bouquets of individual white flowers; these sprays look like large ostrich plumes of soft, snowy white. Height 3 feet. Never Winterkills. \$1.00 each, \$10.00 per dozen.



PHILADELPHUS, BOUQUET BLANC

**KOREAN SPIREA (*Spiraea trichocarpa*)**

This handsome, new shrub was discovered in Korea and has been enthusiastically admired by all who have seen it since its introduction to America. It is the best of all the Spireas in commerce.

It is a splendid, healthy plant growing when mature, 4 to 6 feet tall and even greater in diameter, forming a big, dome-shaped bush, covered in its season with large, rounded clusters of snowy flowers marked with darker eyes.

It is hardy as far north as Montreal and is most attractive in habit and foliage, even when not in bloom. It is more robust and blooms two weeks later than the familiar *Spiraea vanhouttei*, and is much more desirable. It retains its beautiful glossy green foliage late into the Autumn.

	Each	Doz.
3-year old, 2-3 feet.....	\$2.50	\$25.00
2-year old, 18-24 inches.....	1.75	20.00
2-year old, 12-18 inches.....	1.25	15.00

**NEW RED-LEAVED JAPANESE BARBERRY**

It is only once in a lifetime that a really worthwhile, outstanding novelty in hardy shrubs is introduced and in this new Barberry we have such a plant. It is similar in all respects to the green-leaved Japanese Barberry which is so popular, but the foliage of this new variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese Maples.

All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

	Each	12	100
1-year old plants.....	\$0.50	\$3.50	\$35.00
2-year old plants.....	.75	7.50	50.00

**HARDY BOXWOOD (*Buxus sempervirens*)**

Unusually fine Boxwood matched specimens suitable for steps or entrance. \$8.00 each, \$15.00 for two. Small size, for hedge, 1½ to 2 feet, \$6.00 each, \$50.00 per dozen.

Individual specimens furnished at the prices listed.

# PRACTICAL, DEPENDABLE GARDEN BOOKS FOR THE AMATEUR

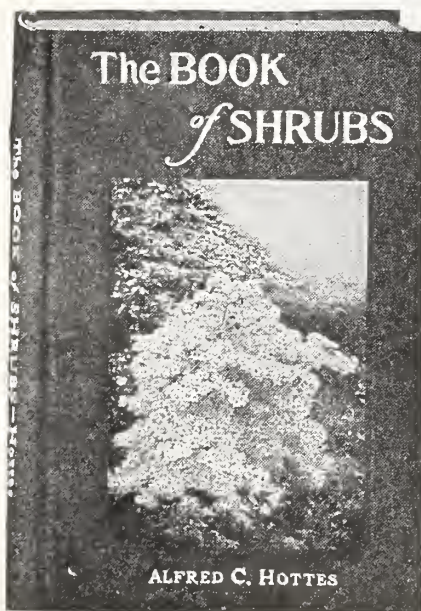
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**Rock Garden Primer.** By *Archie Thornton*. An American book written with particular regard for the benefit of those who require information on every minute point connected with the making of a rock garden. Amply illustrated with teaching diagrams and reproductions from selected photographs; four rock garden views in color. Cloth, \$2.15.

**Garden Guide.** By *Various Experts*. A complete handbook for the amateur gardener, containing wonderful chapters devoted to the vegetable, flower and fruit garden, with practical layouts and planting plans. 384 pages and over 275 teaching illustrations. Paper, \$1.10; cloth, \$1.65.

**Practical Landscape Gardening.** By *Robt. B. Cridland*. Takes up all the elements that enter into the beautifying of properties. 91 photographic illustrations, 67 sketches and 33 plans. Cloth, \$2.65.

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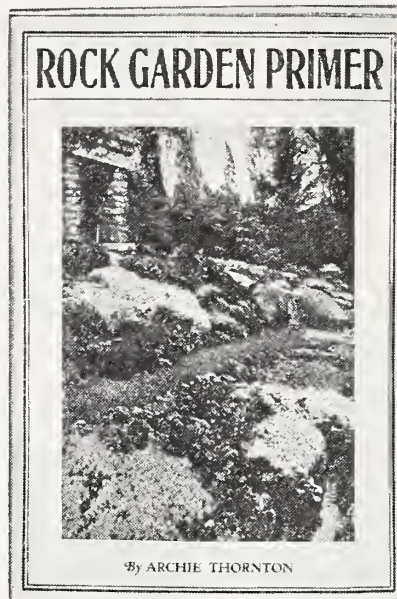
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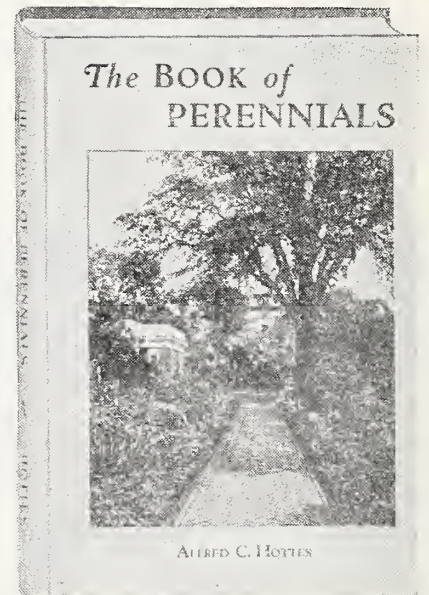
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on ALL HOUSE PLANTS

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To keep your ferns, geraniums, cyclamen, begonias, rubber plants, in fact all potted plants lovely, healthy and growing while inside during the winter, it is necessary to feed and watch them even more carefully than during the time they are outside enjoying fresh air and sunshine.

You are now able to feed your flowers with Plantabbs during the winter because these little wonder tablets are full of fertilizing elements yet are free from offensive odor.

Follow these simple directions and your house plants will go through the winter in better shape than ever before in spite of the disastrous effect of heated rooms and apartments.

### DIRECTIONS

Give as much fresh air as the weather will permit, watch for mild days and open the windows or transoms.

Once a week put one of the Plantabbs in each pot and then water freely, see that enough is given to soak the entire soil in the pot.

Sprinkle or spray the leaves of your plants frequently. If possible put them in the bath tub and give them a thorough washing off.

Remember, Plantabbs are food for your plants, but have no effect upon insects; therefore keep your eyes open for them and get a good insecticide if needed.

While Plantabbs are especially adapted to feeding indoor plants on account of being without odor, they will benefit every kind of vegetation such as outdoor garden flowers, bulbs, hedges, vines, ornamental shrubs and garden vegetables. They are perfectly safe to use and are inexpensive.

Box of 75 Tablets.....	.50c
Box of 200 Tablets.....	\$1.00
Box of 1000 Tablets.....	\$3.50

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**T O T T Y ' S**

**Madison • New Jersey**





# TERMS OF SALE

*This Price List Cancels all Previous Quotations*

**D**ELIVERY will be made on all orders at the proper time for planting, providing no specific date is mentioned when ordering.

Remittances should be made by check, post office order, or express order. When it is not convenient to remit in this way the letter should be registered. We will not be responsible for the receipt of money not registered. On all shipments by parcel post the postage will be charged for.

Be sure that both postal and express address is mentioned, as frequently shipments requested to be sent by parcel post must be shipped by express, on account of overweight when ready for delivery.

Orders for less than \$5.00 must be paid for in advance, and when cash accompanies order, a discount of 3% is allowed from the total amount of the order.

Accounts unpaid within 30 days are subject to sight draft without further notice.

Orders from customers in foreign countries must in all cases be accompanied by cash.

While we exercise every care in packing, and have confidence in the safe arrival of shipments, all goods are forwarded at the purchaser's risk.

If found unsatisfactory on arrival they must be returned to us immediately. Complaints on goods will not be accepted later than 10 days after their arrival, and no adjustment will be made after that time, as we cannot be responsible for bad weather conditions, or carelessness in culture.

If the customer does not wish to accept the shipment under these conditions, we ask that the plants be returned us immediately.

PLEASE NOTE—It is not unusual for us to receive orders without any signature or identification mark attached, so customers who do not get a response to their correspondence or orders within a reasonable time, please write again, enclosing copy of letter or order so we may be able to trace same quickly.

Not less than three plants of one variety will be sold at the dozen rate; nor less than twenty-five at the hundred rate. We are sometimes asked to send one hundred plants in about thirty varieties at the hundred price. We will not send less than twenty-five of one variety at the hundred rate, as it takes considerable time to select one hundred plants in twenty or thirty varieties, and we must charge for the same accordingly.

**CHARLES H. TOTTY COMPANY**  
**MADISON** **NEW JERSEY**

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COMPANY



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