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L. H. K. & Co., Inc.

1925



Lottys

MADISON

NEW JERSEY

## Foreword

**T**HIS is our twenty-second annual catalogue and with it goes our thanks to the many, many customers who write us every year congratulating us and encouraging us in our work.

The Fall of 1924 was phenomenal in one respect, and that was the simply superb weather that for weeks gave our customers a display of Hardy 'Mums that they never had any conception of before. The Singles in particular were glorious. They are on the crest of the wave of popularity and the dozen or so novelties we are sending out this year are the "best ever," winning certificates and prizes wherever shown. "Louise Mayo" of this year's set is called "The Queen of the Singles." The big 'Mums are coming back. No question about that, and we are ready to anticipate your wants with a superb Totty-Pockett set that are truly international in form and breeding.

Rose novelties for the garden are numerous this year and superlatively good. England and France combined with our own country have produced some half dozen splendid sorts. "Angele Pernet," the last Pernet introduction is unique in color—a tango apricot.

Note also our Dahlias and Gladiolus which are just the cream of the many varieties.

Our Perennial list is extensive and good, the Iris in particular being a critical selection of one of the foremost experts in the country.

If you are ever in our vicinity, stop in and see us. Madison is within 25 miles of New York on the Lackawanna Railroad, and the road is in excellent shape for the motorist. You are always welcome and we will endeavor to make your visit a pleasant one.

Always at your service,

**CHARLES H. TOTTY COMPANY**  
**MADISON    ::    ::    ::    NEW JERSEY**



## Our Flower Shop

Our sincere thanks are due to those friends who are patronizing our flower store and helping us to realize our ideal of a high-class flower shop that sells only the finest and freshest of natural cut flowers.

These, so far as possible, we grow ourselves, and the fact that our cut flowers are prize winners in all the chief exhibitions of the country is your guarantee that our stock is the finest procurable.

Our prices are as reasonable as the quality will permit, and we know that the satisfied customer is our best asset.

You may be located far from New York, and yet at any time some of your friends may be sailing for Europe, or arriving here, or you may need flowers to express any one of a thousand social amenities. In such a case our credit facilities are open to you, the same as in our plant business, and all you need do is telegraph or telephone your order, with the certainty that it will always be promptly and properly taken care of.

Drop in on us any time you are in New York, whether you wish to purchase anything or not. You are always welcome. Orders may be left for our catalog specialties and they will be transferred to our main office at Madison, N. J. Note the address.

*Lottly's*

4 EAST 53RD STREET

NEW YORK CITY

*Telephones: Plaza 9720, 3249, 3250*

## THE POCKETT-TOTTY SET FOR 1925

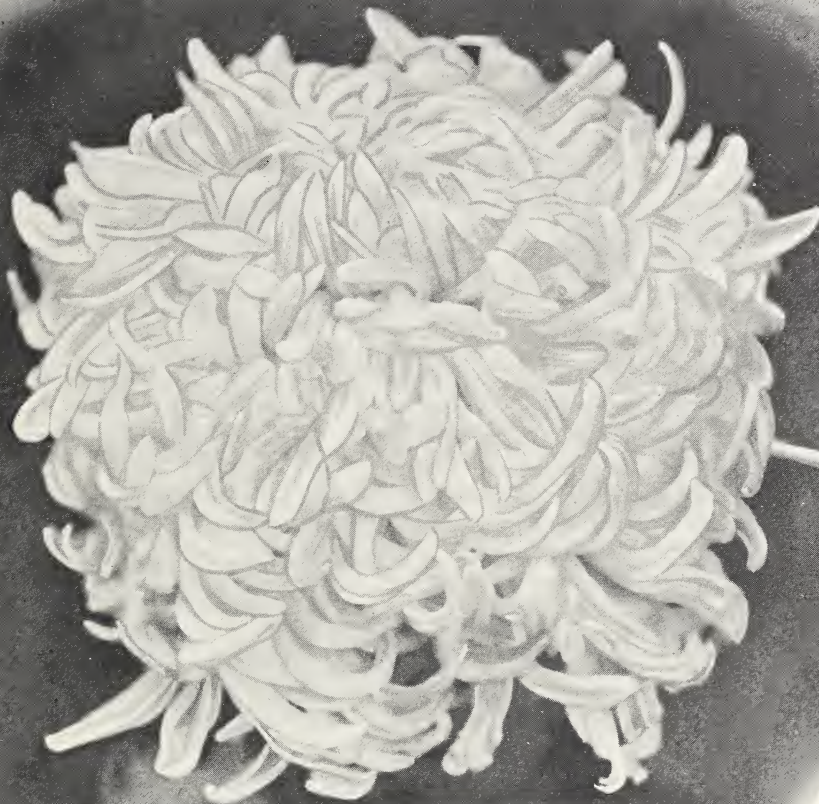


MRS. FELIX FULD

### MRS. FELIX FULD

Amaranth pink with a silvery reverse; a variety coming 100 per cent perfect. Strong and robust in growth and a magnificent sort, measuring up to the best traditions of the Pockett type. The flower attains a height of 6 feet, so headroom must be provided. Scored 91 points before the C. S. A. Committee, and was also awarded the Silver Cup as the best seedling of the year. Bud August 20th onward.

**Price: \$2.00 each, \$20.00 per doz.**

THE POCKETT-TOTTY SET FOR 1925—*Continued*

JOHN S. BUSH

**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. It does not have the heavy foliage that makes Pockett somewhat of a problem for the cultivator, but the petals on the flower are twisted and whorled to a great extent. If the lavender shaded flowers are desired, select the bud the second week in November. For pure white flowers, take bud August 15th onward. Height 6 feet.

**Price: \$2.00 each, \$20.00 per doz.**

THE POCKETT-TOTTY SET FOR 1925—*Continued*

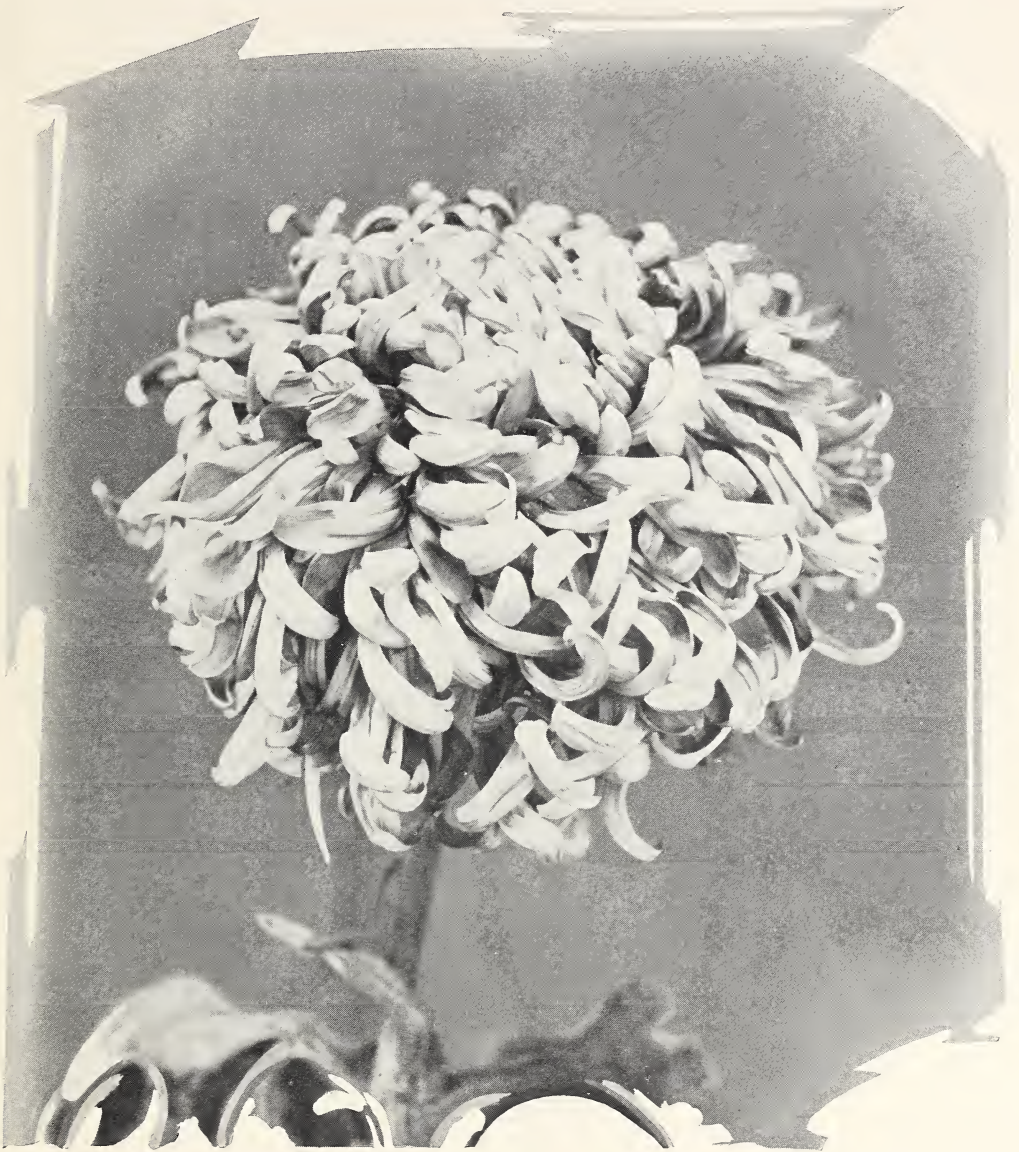
MRS. F. E. LEWIS

**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. Our finest red in twenty years of introducing novelties. Late crown bud the first week in September. Growth wonderfully strong and robust. Height 4 feet. Certificated 93 points.

**Price: \$2.00 each, \$20.00 per doz.**



THE POCKETT-TOTTY SET FOR 1925—*Continued*

MISS RITA MITCHELL

**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. To date there has not been any variety introduced to compare with this unusual color. Certificated 92 points by C. S. A.

**Price: \$2.00 each, \$20.00 per doz.**

THE POCKETT-TOTTY SET FOR 1925—*Continued*

MARION SEMLER

**MARION SEMLER**

Beautiful wine-red with pinkish-buff reverse. An exceptionally novel color that will be welcomed in collections for exhibition. Fine, strong grower with foliage right up to the flower. Height, 4 to 5 feet. Bud last week in August.

**Price: \$2.00 each, \$20.00 per doz.**

THE POCKETT-TOTTY SET FOR 1925—*Continued*



EDWARD D. DUFFIELD

**EDWARD D. DUFFIELD**

A lovely shade of orange-yellow, which color is retained under artificial light. The petals stand out straight from the flower head and are of excellent substance. The growth is dwarf and stocky. Height, not over 4 feet. Bud on September 1st.

**Price: \$2.00 per plant, \$20.00 per doz.**

THE POCKETT-TOTTY SET FOR 1925—*Continued*

J. B. DEAL

**J. B. DEAL**

Color is shrimp pink. Reflexing variety with the petals hanging down twisted and interlaced in a most pleasing manner. Very deep flowers with petals 9 inches in length. The shape of the flower is very much like that of James Fraser. Height 4 feet. Any bud after August 15th.

**Price: \$2.00 per plant, \$20.00 per doz.**

In this diagram, 1 in. equals 3 ft.

Outside measurements of garden:

18 feet long.	150 square feet of border.
15 feet wide.	20 varieties.
3 feet depth of border.	104 perennial plants, \$20.00.

The letter A indicates the back of the garden, where the tallest plants have been placed.

The letter B is the front or entrance, 3 feet wide, which should be of sod connecting the lawn with the grassplot inside the garden.

The entrance would be a very suitable place for a trellis or arch, over which may be trained two climbing Roses.

### *Special Chrysanthemum Offer:*

For customers purchasing this garden we will send two dozen Hardy Chrysanthemums, our selection, for \$5.00.

This will carry the blooming season into November and room may be found for these in the corners. Shipment made during the month of May.

No. of Plants	Variety	Common Name	No. of Groups	Color	Height	Time of Bloom
4	Anthemis	Golden Marguerite	2	yellow	2-3 ft.	June to Sept. 15
4	Campanula persicifolia	Peach Bells	2	blue	2-3 ft.	June 1 to July 1
7	Coreopsis	Tickseed	3	yellow	1-2 ft.	June and July
6	Delphinium	Hardy Larkspur	2	blue	4-5 ft.	June 15 to Oct. 15
5	Dianthus, Double	Garden Pink	5	assorted	6-12 in.	June 15 to Oct. 15
6	Digitalis	Foxglove	2	assorted	2-4 ft.	June 1 to July 15
4	Eupatorium coelestinum	Hardy Ageratum	2	blue	2 ft.	Sept 1 to Oct. 30
4	Gallardia	Blanket Flower	2	yellow	2-3 ft.	June 1 to Oct. 30
4	Hesperis	Sweet Rocket	2	white	2-3 ft.	May 15 to July
5	Iberis gibraltarica	Hardy Candytuft	5	pink	8-10 in.	April 15 to May 15
4	Yellow Iris	Iris	2	yellow	2 ft.	May and June
6	Blue Iris	Iris	3	blue	2 ft.	May and June
4	Nepeta mussini	Ground Ivy	2	blue	10-12 in.	June to Oct. 30
7	Phlox, white	Hardy Phlox	3	white	2-3 ft.	July to Aug. 15
6	Phlox, pink	Hardy Phlox	2	pink	2-3 ft.	July to Aug. 15
5	Phlox divaricata	Early Blue Phlox	3	blue	12-15 in.	May to June 15
8	Pyrethrum	Painted Daisy	4	assorted	2 ft.	June to July
5	Primroses	Cowslip	5	yellow	6-8 in.	April and May
4	Chrysanthemum	Shasta Daisy	2	white	2½ ft.	June and July
6	Veronica longifolium subsessilis	Speedwell	2	blue	2-3 ft.	Aug. 15 to Sept. 30
104						

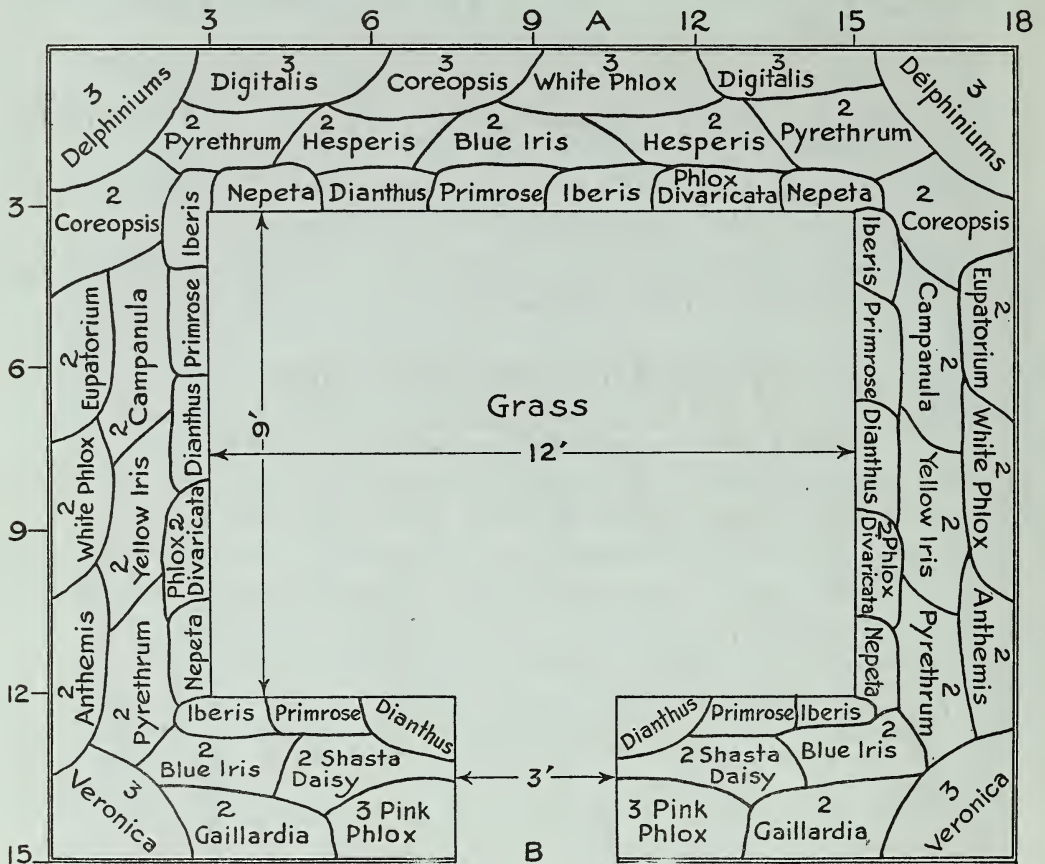
*If certain color scheme is desired, write us for suggestions as to what stock to plant.*

## Charles H. Totty Co.

### *Horticulturists*

MADISON, NEW JERSEY

# The Little Perennial Garden



**The Complete Garden \$20.00**  
**One-half of Garden - \$12.00**

**T**HIS little garden may be placed on any open space of lawn near the house or porch and any backyard or city lot, twenty-five to one hundred feet in width would accommodate this compact garden and will give a variety of harmonious bloom outside and for cutting from early Spring until late Fall.

Orders for this garden may be received at any time and shipment will be made in the Spring, April 1st to June 15th, and in the Fall, September 1st to November 1st.

In laying out this garden, measure off the distances and drive in stakes at six outside corners and six inside corners, then stretch white cord from stake to stake and in this way the whole garden is outlined and it can be made straight before the digging is commenced. Cut out the sod, leaving clean edges and then dig and thoroughly prepare before planting.

THE POCKETT-TOTTY SET FOR 1925—*Continued*

PHYLLIS

**PHYLLIS**

A brilliant scarlet with green-gold reverse. Good reds are not any too plentiful and this splendid variety of scarlet and gold will find a welcome awaiting it. The stem is thin, but strong as a whip and the foliage ample for the flower. Height 5 feet. A late crown last of August gave us the best results, as the earlier buds are too crowded with petals. Certificated 86 points by C. S. A.

**Price: \$2.00 per plant, \$20.00 per doz.**

## The Introductions of 1924

On account of the great demand for the following variety and the fact that it is such a shy propagator we must retain it in our catalogue this season at the original price of introduction.



MISS ELLEN MACKAY

### MISS ELLEN MACKAY

Claudius Pernet or clear yellow in color. A magnificent variety with each individual petal  $1\frac{1}{4}$  inches across; flower 9 inches deep and 9 inches across, making a perfect specimen. Handsome foliage coming right up to the flower, greatly enhancing the beauty of this exquisite variety. Height 4 feet. Bud August 20th.

**Price: \$2.00 per plant, \$20.00 per doz.**



THE INTRODUCTIONS OF 1924—Continued



JOSEPH P. DAY

## JOSEPH P. DAY

Pure ox-blood red, of reflexed type. A Pockett introduction that lines up in size and habit with his previous introductions. We do not have many varieties of this color, so this is more than acceptable to the grower of exhibition Chrysanthemums. The largest red variety introduced to date and does equally well on crown or terminal bud. Height 3 feet.

On account of the great demand for the above variety, and the fact that it is such a shy propagator; we must retain it in our catalogue this season at the original price of introduction.

**Price: \$2.00 per plant, \$20.00 per doz.**

THE INTRODUCTIONS OF 1924—Continued



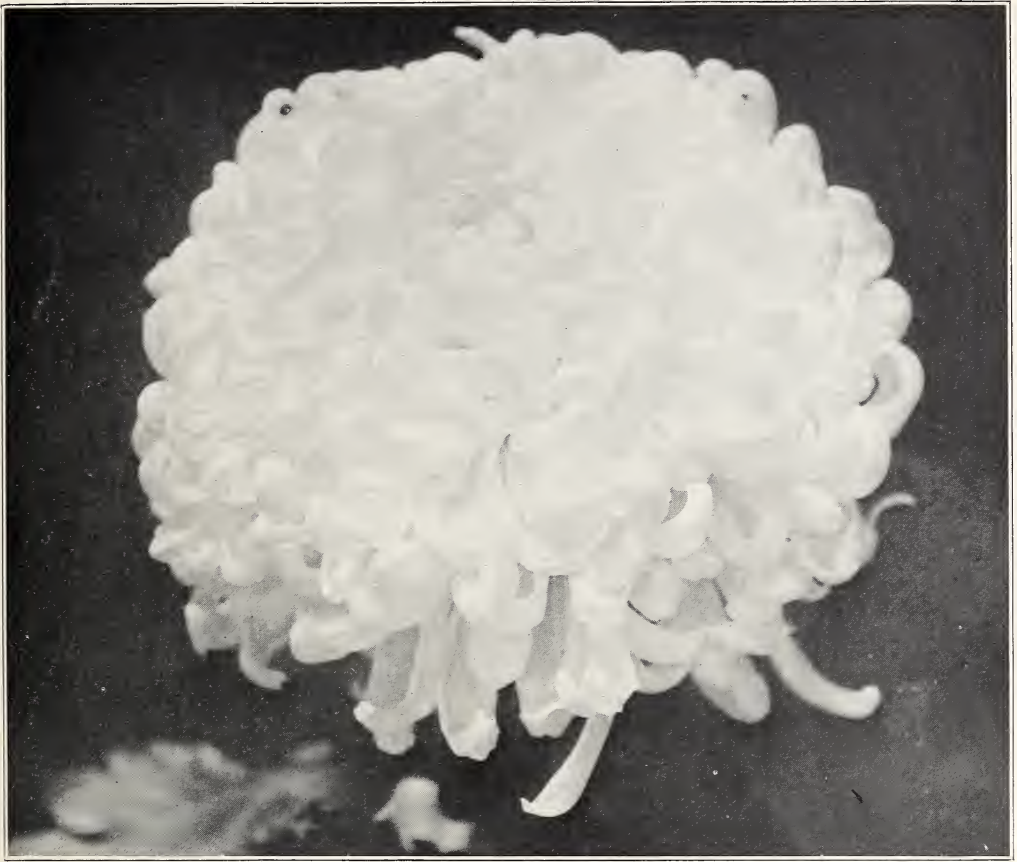
MISS MILLICENT ROGERS

## MISS MILLICENT ROGERS

One of the most novel Chrysanthemums introduced in many years. Color bronzypink with gold shadings. The lower half of the flower is clear lavender and the upper half bronzypink, very much like the Madame Butterfly Rose. The extreme lower petals hang down about 6 inches below the stem. The very center of the flower is pure, clear gold with no shading whatever. Foliage right up to the flower, stiff stem, fine habit of growth. Height  $4\frac{1}{2}$  feet, crown bud August 15th to 20th.

**Price: \$1.00 per plant, \$10.00 per doz.**

THE INTRODUCTIONS OF 1924—Continued



MRS. LOUIS B. TIM

## BRONZE TURNER

We were the introducers of Wm. Turner (white); Mrs. J. Leslie Davis (Pink Turner) and Yellow Turner, and we complete the quartet with the bronze variety. 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. Height 4 feet. Bud second week in September.

**Price: \$1.00 per plant, \$10.00 per doz.**

## 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. Certificated C. S. A., New York, Boston and Philadelphia. Splendid commercial variety.

**Price: \$1.00 per plant, \$10.00 per doz.**

THE INTRODUCTIONS OF 1924—*Continued*

ROSE CHOCHARD

### MISS EMILY MORRISON

Bright lavender, loose incurved type, foliage right up to the flower. One of the best Exhibition Chrysanthemums in this color that we have introduced in many years. Bud August 10th. Height 3 feet.

**Price: \$1.00 per plant, \$10.00 per doz.**

### ROSE CHOCHARD

A very early pink variety coming into flower early in October; a splendid companion for the popular white Alice Day. A great improvement on Chieftain in every way. Incurving type, largely grown for the Paris market. Certificated C. S. A. at New York. 3 feet high. Take bud August 15th.

**Price: \$1.00 per plant, \$10.00 per doz.**

## NEW AND SCARCE VARIETIES

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

### H. B. WEST

Deepest yellow in color, with long, broad petals, whorled and incurved. The growth, flower stem and general habit of the plant are perfect, quite distinct from any previous introduction. Crown bud August 20th.

### J. R. BOOTH

This is the golden yellow sport of Nagirroc, which is too well known for further description. A most spectacular yellow 'Mum, with the lower petals hanging down several inches, hiding the stem. Height 4 feet. Crown bud, August 26th.

### JOHN BALMER

A most attractive scarlet and bronze variety, but hardly large enough in size to be classed as an exhibition type. It shows up wonderfully well when used for decorative work in conjunction with the Autumn foliage. We can highly recommend this variety to commercial growers who are looking for a variety to fill the ever-increasing demand for a bronzy-scarlet. Height 3½ to 4 feet. Crown bud after August 15th.

### MAJESTIC

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

### MRS. W. C. EMMET

This variety will displace the renowned Louisa Pockett when generally distributed. Snow white in color, of tremendous size and vigorous growing habit, incurved type. Height 5 to 6 feet. Crown bud August 15th.

### MRS. H. S. FIRESTONE

The outstanding novelty of its year. It is wonderfully massive, stem perfectly rigid and foliage right up to the flower. Color pinkish, chamois-buff. This variety will be found invaluable in the classes calling for "any other color" in the exhibitions. Height 4½ feet. First bud after August 15th.

### OLIVE

Light carmine with yellow reverse, rather thin grower, but perfectly rigid stem. The general effect of flower is most attractive. Height 4 to 5 feet. Any bud after August 15th.

### PERCY A. DOVE

An incurving pure white of the very highest quality. Valuable as an exhibition or commercial type, constitution and habit of growth cannot be surpassed. Height 4 feet, any bud after August 15th.

### WM. RIGBY

The yellow sport of Mrs. Gilbert Drabble; color beautiful, bright canary-yellow. One of the best exhibition yellow 'Mums introduced to date. Exact duplicate of Mrs. Gilbert Drabble in every way, except color.

## STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS

All of the varieties listed below are splendidly adapted for exhibition purposes, although many are grown for commercial use also; but we class them under this heading since they are usually found on the exhibition tables, and are generally satisfactory.

**Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100, except where otherwise noted.**

### BOB PULLING

In this variety we have a wonderful 'Mum. Color, pure yellow; flower is extremely large and comes right down to the foliage. The individual petals are  $1\frac{1}{2}$  inches in width and some 10 inches deep. Bud August 1st.

### C. H. TOTTY

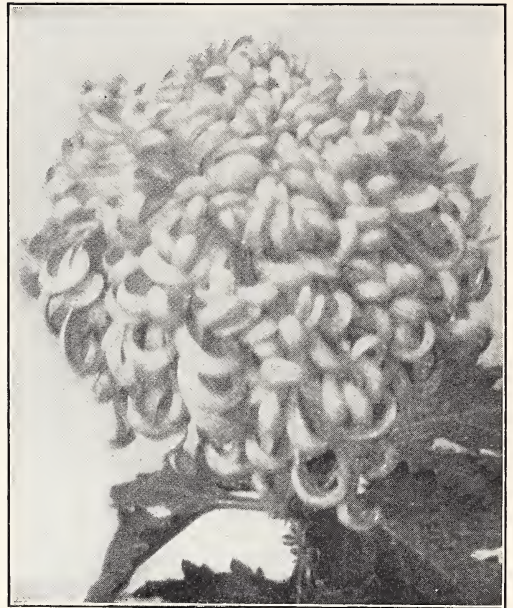
A glowing chestnut-scarlet; flower, stem and foliage are alike enormous. One of the best all-around Chrysanthemums we have ever introduced to the American trade.

### CORPORAL J. FRED PIPER

Immense yellow on the type of the old Col. Appleton, but much larger, and altogether better in color and growth. Stem and foliage ideal. Crown bud any time after August 20th. Height 5 feet.

### ELIZABETH JAMISON

Purest white. Petals irregularly twisted and curved at the tips. Plant is very strong in growth, about 6 feet in height under favorable conditions. Foliage carried completely up to the flower, and the stem is perfectly rigid and splendid for the long-stemmed class.



**CORPORAL J. FRED PIPER**

### EARL KITCHENER

Amaranth, with a silvery reverse. An enormous flower in a color not too plentiful in exhibition 'Mums at the present time. Stem, foliage and flower are alike tremendous. Bud August 20th.

### ELBERON

Large Japanese incurved, similar to Louiseau Rousseau in type and color; strong grower, stiff stem, with foliage well up to bloom.

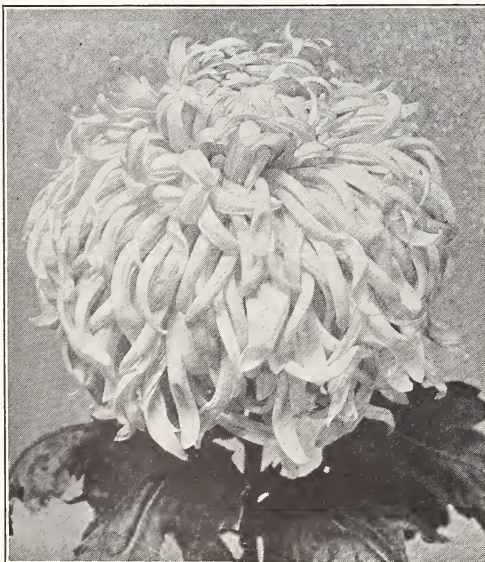
### KATHERINE TWIGG

*See illustration page 19*

White, with the faintest possible blush on petals. When well grown is a very fine flower, perfect in form and substance. Will rank with the finest of exhibition flowers. Growth about 5 feet in height. Bud August 20th.

### LOUISA POCKETT

Color purest possible white. Mr. Pockett calls this his "greatest achievement," and has named it after his wife. Flower, stem and foliage are alike enormous. Plants need plenty of room to develop. Certificated C. S. A. Height 5 feet.



**MISS RUTH TWOMBLY** (See page 17)

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS—Continued



**NAGIRROCO (Golden Champion)**

**MISS RUTH TWOMBLY**

Flowers absolutely perfect in form; color on the early buds occasionally veined with bronze and the later buds show considerable suffusion of this bronzy tint. This variety will line up with the best we have received from Pockett to date. More distinct than any other bronzy-yellow we are growing. Height 4½ feet. Bud August 15th onward.

**MRS. WOODROW WILSON**

Classed by many growers this year as the early Turner. It was in full flower October 1st. Mrs. Wilson ranks as the earliest flowering white 'Mum so far presented; it is tremendous in size and every bud produces a perfect flower. Take bud August 5th to September 1st. Height 4 to 5 feet.

**MRS. G. G. MASON**

Very distinct variety; color blood red with a gold reverse, though very, very little of the gold reverse appears. Its marvelous color will make it eagerly sought for in making collections. 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. J. LESLIE DAVIS (Pink Turner)**

We introduced the original variety (white) in 1912, and two years ago we introduced the yellow variety. 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. R. C. PULLING**

Clear yellow, an English variety, tremendous in size, which has made a wonderful showing in some of the exhibitions. Height 5½ feet. Crown bud August 10th and later.

**NAGIRROCO**

Finest exhibition bronze we have ever distributed; color, deepest glowing orange-bronze, 45 inches in circumference; every petal reflexing, showing the color to the best advantage. This is the variety exhibited at the shows under the provisional name of Golden Champion. Every bud makes a splendid flower. Stem and foliage perfect. Height 5 feet. Any bud after August 15th. Certificated C. S. A.

**POCKETT'S CRIMSON**

The greatest thing in its color ever sent out. Crimson with a gold reverse. Makes a flower 9 inches across; splendid grower, with foliage right up to the flower.

**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. As the flower develops, the center petals open outward and show considerable of the bronzy-crimson reverse. Very dwarf, robust grower, and one of the largest flowers in the collection. Bud August 15th onward. Height 3½ feet.

**PHILIP RICCI**

May be best described as an improvement on Chas. H. Totty, which has been for years the standard chestnut-bronze in the exhibition type. Petals long and graceful, with the habit of the plant leaving nothing to be desired in foliage or stem. Height 5 feet. Bud August 15th and later.



**MRS. G. G. MASON**

## STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS—Continued

**PRIVATE JAMES GRESHAM**

Terra cotta red with gold reverse. Strong healthy grower. Enormous reflexing flower. It is particularly strong and free and comes splendidly on any bud, either early or late. Height 4 feet.

**PRIVATE MERLIE HAY**

Warm, bronzy-red in color, with clean, heavy foliage right up to the flower. Certificated by the New York Florists' Club on October 14th. Take bud any time after August 10th. Height 5 feet.

**QUEEN MARY**

When taken on a bud in July produces an enormous flower; too early for any but the earliest exhibitions. Pure white in color.

**ROSE DAY**

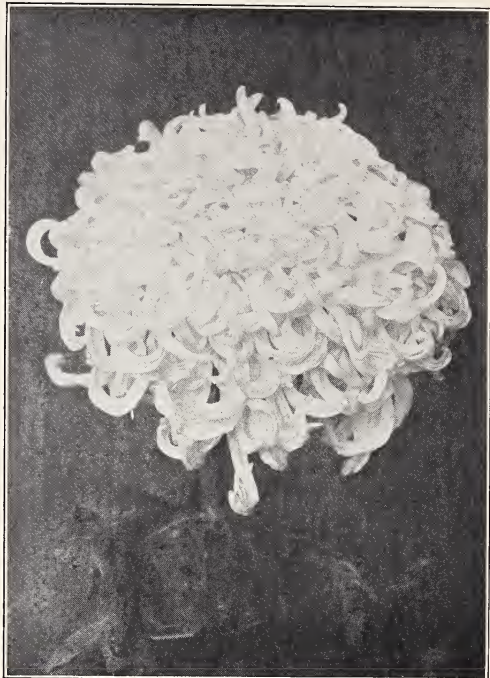
One of Pockett's masterpieces, and named in honor of his daughter. An exquisite flower of rose-pink; the lower petals droop and the upper petals are beautifully incurved. Foliage carried right up to the flower on immense stems, holding up the growth which is most vigorous and healthy. Height, 4 feet. Bud August 20th onward.

**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. Every bud produces a perfect flower and we feel sure Vermont will rank as one of the very best pink varieties in cultivation. Bud August 1st to 15th. Height 5½ to 6 feet.



WILLIAM H. WAITE



ROSE DAY

**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. One of the best commercial kinds also.

**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. Certificated C. S. A.

**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.

**YELLOW POCKETT**

Those who saw the magnificent flowers of Louisa Pockett staged at the New York Show realize that though we distributed Yellow Pockett to a limited extent we did not do it justice. It is a duplicate of Louisa Pockett in every way save color—every exhibitor simply must grow it.





KATHERINE TWIGG (See page 16)

## STANDARD VARIETIES COMMERCIAL CHRYSANTHEMUMS

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100

These varieties are the kinds usually grown where quantity rather than size is desired. With average culture and care these will give good results.

### ANTIQUE

A deep bronze sport of the favorite Dr. Enguehard. It is a duplicate of Enguehard in all respects save color. We recommend this variety to commercial growers where bronze varieties are popular. Treat similar to the parent in every way.

### BRONZE UNAKA

A bronze sport of the popular Unaka and to the commercial men will be a very valuable acquisition, since there are no other bronze varieties coming in so early in the season, the first week in October. Color very attractive bronze; any commercial grower who can grow Unaka should also grow this bronze companion—which is a duplicate in growth, foliage, and everything else except color.

### CHAS. RAGER

One of the best known incurving whites.

### CHRYSOLORA

This variety can be briefly described as an early Col. D. Appleton, coming in 15 days earlier; is of larger size, stronger stem, not quite as tall, and in color is intermediate between this variety and Major Bonnaffon. Best buds are those selected August 1st to 15th.

### CHIEFTAIN

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

### COLONEL APPLETON

At one time the most largely grown yellow in cultivation. It is too well known to need description.

### DR. ENGUEHARD

Very largely grown as a late commercial pink.

STANDARD VARIETIES COMMERCIAL CHRYSANTHEMUMS—*Continued***EARLY FROST**

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

**GOLDEN GLORY**

We have a fine stock of this splendid commercial yellow. Absolutely the best yellow for blooming November 1st. The size, color, stem and foliage are all ideal. Take terminal bud.

**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.

**IMPROVED GOLDEN GLOW**

This variety we recommend with every confidence to those commercial buyers who are looking for something that is an improvement on Golden Glow. It can be cut the first week in October, having the advantage of Chrysolora by a week and producing a flower equally as large and satisfactory.

**MAJOR BONNAFFON**

Introduced many years, but still a very popular commercial yellow.

**MARIGOLD**

A monster yellow; flower unsurpassed both in size and color in its season; our first flowers of this variety were cut October 5th, this year. Must be secured on an early bud.



OCTOBER QUEEN

**OCTOBER QUEEN**

Beautiful flower of purest possible white; very large size; strong stem and fine foliage.

**OCTOBER FROST**

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

**OCTOBER HERALD**

Orange-yellow, similar in color to Old Gold or Modello; reflexing form, with somewhat twisted petals.

**OCONTO**

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

**ODESSA**

Bright yellow, incurving form. A seedling from Merza, but much cleaner in growth.

**ORANGE QUEEN**

A burnt orange in color, coming at Thanksgiving time, its color in keeping with the season. Loosely incurved form, maturing November 20th from September 10th buds.

**PACIFIC SUPREME**

Bright pink, coming into flower about ten days after Glory of the Pacific.

**POLLY ROSE**

Splendid white. Very easily handled and grown in large quantities for the wholesale market.

**ROMAN GOLD**

Beautiful incurving bronzy yellow; excellent mid-season variety.

**SMITH'S ADVANCE**

One of the earliest large flowering white varieties; can be had by September 15th.

**UNAKA**

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

**WELLS' LATE PINK**

One of the finest things sent out in its color in many years; flowering from November 10th onward. Crown bud after August 25th.

**WHITE CHIEFTAIN**

Pure white sport of the variety Chieftain; duplicate of the parent in all respects save color, which is a pure white. One of the most valuable commercial varieties in cultivation at the present time.

**WHITE GLORIA**

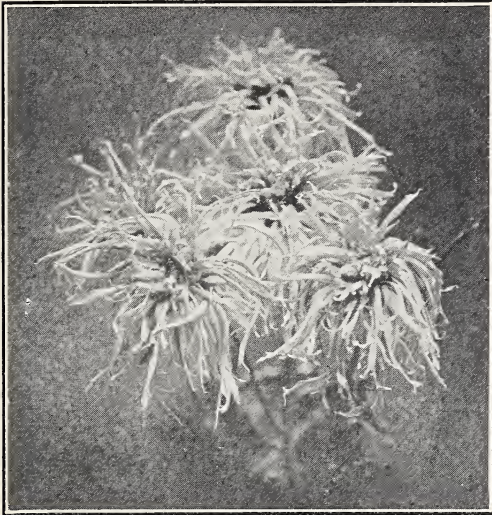
Pure white sport of Gloria.

**YELLOW ADVANCE**

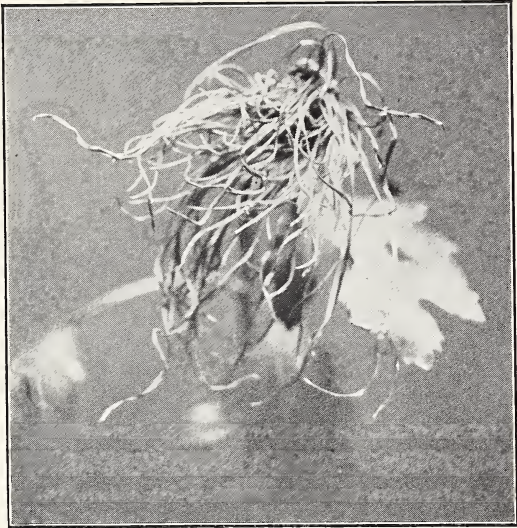
Yellow sport of the well-known Smith's Advance, coming in as it does the latter part of September. Yellow Advance is well worthy of a place in the early section which during the past year produced more adequate returns than the later varieties.

**YELLOW EARLY FROST**

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



SAM CASWELL



TACHIBANA

## FEATHERY, SPIDERY AND THREAD-LIKE VARIETIES

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.

### 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.

### DAIKOKU (God of Wealth)

Evidently a sport of Fugi, since it resembles it very closely, except that the petals are a combination of pink and pale green; each individual petal twists, showing the pink in one place and the pale green in another and when the whole flower is seen together it is very attractive.

### FUGI (THE WISTARIA)

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 peppermint 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.

### 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.

### TACHIBANA (The Orange)

Looks exactly like a mass of corn silk and when the flower is removed from the stem it is impossible to believe it to be a flower; certainly no one would think it was a Chrysanthemum.

### 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 THREAD

## JAPANESE ANEMONE CHRYSANTHEMUMS

The Anemone 'Mums should not be confused with the Singles or Pompons. They are entirely distinct and are readily identified by the large, central boss, composed of a myriad of smaller short petals.

**Prices: 30c. per plant, \$3.00 per doz., \$20.00 per 100.**

### BLANCHE

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

### COED

A clear pink with a tinge of yellow at center,  $3\frac{1}{2}$  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.

### GODFREY'S PERFECTION

Late variety which comes in excellent condition for Thanksgiving. Dwarf, robust habit, very stiff stem. Color of flower a beautiful, clear white.

### 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

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 petals of this exquisite flower are very narrow and refined; the outer petals are tubular until they reach the edges, where they open and droop back.



GRAF VON ORIOLA



JUNO

### INNOCENCIA

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

### 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; foliage and stem all that can be desired.

### PEPITA

Pale pink on outer petals, with an orange-yellow center; a delightful combination as seen in this type of Chrysanthemum. This flower is much heavier than many of the other varieties; the petals being of such strong texture permits of its being shipped considerable distance and arriving in perfect shape.

### 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.

### SUNSHINE

One of the best late yellow Anemone 'Mums so far introduced. Can be grown in large quantities for the Thanksgiving market and has proved itself a variety for which there will be considerable demand.

### SURPRISE

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



MRS. CHAS. H. PECK

## Pot Plants, Caps and Decorative Varieties

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. So treated they are a very profitable crop, blooming from October 15th to the end of the season, according to variety.

**Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.**

### CRIMSON QUINTUS

Excellent decorative variety; deep crimson, with splendid contrasting foliage of dark green.

### CRIMSON SOURCE D'OR

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

### FLORENCE STANTON

Bronze, incurving variety, largely grown for pot plants.

### LIZZIE ADCOCK

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

### BARBARA DAVIS

A rich shade of reddish bronze, of dwarf habit.

### YELLOW CAP

Brilliant yellow sport of Caprice.

### WHITE CAP

Pure white sport of Caprice.

### MRS. CHARLES H. PECK

This is a distinct and sensational acquisition as a Decorative variety. Color, brilliant bronzy-amber. If the grower wishes it can be disbudded to four or five flowers on a stalk; an exceptional variety in every way.

### 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.

## THE CAP FAMILY

### BELLE MAUVE

A good, all-around variety; rose-pink in color, very largely grown.

### MRS. GREENING

Pale pink sport of Caprice.

### PURPLE CAP

Bright purple sport of Caprice.

### BUTLER'S CAPRICE

Deep pink sport of Caprice du Printemps.

### KATHLEENTHOMPSON

The crimson sport of Caprice.

### LILAC CAP

Deep lilac sport of Caprice.

## 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.

### PROTECTION

The best method of protection for the Hardy Chrysanthemum is as follows: After they are through flowering about the middle of November, cut the dead stalks down to within 2 or 3 inches of the ground. Cover the crowns over with dry leaves to a depth of 3 or 4 inches, and then place chicken wire or evergreen boughs over these leaves to prevent them blowing away. Be sure that all danger of frost is past before this covering is removed in the early Spring, and you will find your plants will come through with practically no losses.

## Early Flowering Chrysanthemums

This type of Chrysanthemum deserves a place in every garden, coming as it does after the Summer flowers have begun to wane, and continuing to bloom profusely in most places until well into November. 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 green-houses or frames, or not. 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

Prices of these varieties: 30c. per plant, \$3.00 per doz., \$20.00 per 100.



CRANFORDIA (See page 25)

### 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.

### BELLE MAUVE

Mauve in color; a first-class variety; blooms early and is very free blooming.

### BILLANCOURT

Wonderfully strong, vigorous grower, plant makes a perfect bush; color brilliant terra cotta, shaded bronze. A splendid variety in every way.

### BORDER BEAUTY

Orange-colored petals tipped with gold.

STANDARD VARIETIES EARLY FLOWERING CHRYSANTHEMUMS—Continued

**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.

**HELENA**

Chestnut, shaded gold, with edge of petal tipped gold. In full flower September 18th.

**HENRI VINCENT**

This variety proved itself to be by far the most profitable Chrysanthemum we have had in our greenhouses, coming into bloom as it does October 1st.

**LA RHIN**

Reddish terra cotta; stiff habit.

**MRS. HARRISON CRAIG**

One of the most unique colored varieties we have ever handled or disseminated, the groundwork of the petals being yellow overlaid with brilliant orange-crimson, which on first inspection looks as if it were fine powder sprinkled over the flowers.



TINTS OF GOLD



SOURCE D'OR

**MRS. DEAN EMERY**

Color, brilliant chamois-pink, on the style of Le Pactole; flower exceptionally large and distinct, and wonderfully lasting. Stem and foliage ideal.

**NORMANDIE**

Creamy-white; magnificent variety. The earliest and perhaps the best.

**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.

**SMITH'S ADVANCE**

One of the earliest of the large flowering white varieties that can be gotten in by September 15th, and blooms profusely in great masses in the hardy garden by October 1st.

**SOURCE D'OR**

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

**TINTS OF GOLD**

The earliest bronze to flower, and makes a wonderful glowing bush if not disbudded. When the individual flowers are disbudded they will produce flowers as large as the greenhouse sorts.

**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.



## Novelty Single Chrysanthemums for 1925

Nothing can equal the gorgeous beauty of the present-day Singles, particularly the Novelties offered for this year on page 27.

We procured the best varieties of several English raisers and selected from them, those that showed the most merit. These are all splendid strong growers and far superior to existing sorts in texture of the petals, color and general conformation of the flowers. Especially valuable are "Louise Mayo," "Joyce Strowlger," and "Molly Hunt," etc., which gives us magnificent flowers in unique shades of color.

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



## NOVELTY SINGLE CHRYSANTHEMUMS FOR 1925—Continued



A. WENZ

LOUISE MAYO

CATRIONA

Price: \$1.00 each, \$10.00 per doz., \$75.00 per 100.

**ALBERT JESSURUN**

A very fine variety of scarlet and flame, shading to yellow in the center of the flower. An exceptionally brilliant color, marvelous in growth and freedom of bloom, and one of the most admired of our many varieties here this year.

**ALINE**

A brilliant, bronzy-amber overlaid crimson. An American seedling of great merit which compares favorably with the English introductions of this season. Magnificent growth and habit. Specially attractive staged in Show collections.

**A. WENZ**

Dainty Petunia-pink in color, very strong, robust growth and habit and the style of the flower with its cup-shaped petals remind one of a pink water-lily. An ideal sort in every way.

**CATRIONA**

Deep, rich amaranth, with a narrow white zone around the disc; of fine form and splendid habit. This variety will make one of the very finest Singles for pot culture owing to its dwarf, rigid growth and stiff stem.

**FLOSSIE**

Creamy white when first opening changing to pure white when fully matured. Every stem on the plant carries several flowers gracefully arranged on the stem, making it a superior sort for decorative purposes.

**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.

**JOYCE STROWLGER**

A bronzy salmon-pink of wonderful substance and texture. It is impossible to describe the true beauty of this particular variety but the color page opposite will give some idea of its type.

**LOUISE MAYO**

The most exquisitely beautiful single we have ever introduced. Contains about six rows of petals, the lower four rows of same being deep creamy lavender and the shorter or inner rows being a pale gold, of enormous size, with stiff, heavy growth. The petals graduate in size from the bottom to the top, showing the different shadings all through the flower to the best advantage.

**MARY DAVIS**

An improved Rosy Walker, growing about twice as large as the original variety. The center of the flower is a pale gold and the edge of the petals are blood red.

**MOLLY HUNT**

A glistening white Single with broad, flat petals in striking contrast to its bright yellow center. An English introduction of great vigor, both in growth and habit. Free flowering and a variety that will be warmly welcomed as it is the finest white in many years.

**MRS. J. B. MENCHIN**

A golden bronze with a shading of pale pink over the petals. The green-gold center in this variety shows up very prominently.

**SWEET AUBURN**

A bronzy crimson with a contrasting center of dull old gold. The lower petals on this Single reflects and the tips of the petals twist and curl in a most attractive manner. Very strong and vigorous in growth.



CHARLES FAIRS (See page 29)

## SINGLE CHRYSANTHEMUMS STANDARD VARIETIES

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.

### ALICE HOWELL

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

### ANNA H. CONDUCT

Greatly resembles Glorianna in color and shape, though the flower is considerably heavier as to texture and more artistic in arrangement of flowers on the stem. Dark, heavy foliage, and very rigid growth.

### 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.

### BEATRICE

Brilliant old-gold with lighter shadings in the center; one of the most popular varieties ever staged on the exhibition table. Foliage broad and glossy and stem very rigid.

### BERTHA FAIRS

Brilliant rose-pink; one of the earliest to come into flower with us, as it was fully open around the third of October. Valuable as a garden variety on account of its early season of blooming. Color most exquisite.



ARABY

## SINGLE CHRYSANTHEMUMS STANDARD VARIETIES—Continued

**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, and the commercial growers who are handling Buckingham for market flowers, will welcome this bronze companion with open arms.

**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. Individual flowers without disbudding will run  $4\frac{1}{2}$  to 5 inches across. This is an English raised variety and a giant in every way.

**CHARLES FAIRS**

Bronze, with a very stiff outstanding petal and compact, dwarf habit. The stem is stiff and the foliage dark and luxuriant. A splendid keeper and shipper, and one that will make its own place. Was the most attractive of all the bronze varieties we grew this year.

**COUNTESS EGMONT**

A splendid amber-bronze with a lighter shading in the center of the flower, conforming in all respects with the very finest types of Singles, that have made the name of Totty famous. Stem and foliage ideal in growth and habit.



BRONZE BUCKINGHAM

**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."

**ETHEL MAY JOHNSON**

Clear shiny-bronze, rather tall grower, but very distinct and striking in color. Disbudded this variety will give flowers 7 to 8 inches across.

**EXCELSIOR**

A gorgeous variety. When first opening almost a scarlet, which afterward changes to bronze and flame-color. One of the very largest and most attractive Singles ever introduced.

**FERNRIDGE**

When first opening it is practically a brilliant scarlet, which gradually fades to a terra cotta. Light, graceful growing variety and in color one of the most attractive ever sent out, as a bright gold zone around the center makes a beautiful combination of scarlet and gold, not often seen in a Chrysanthemum.

**GENEVIEVE**

Vivid deep spinel-red. Flowers very large and most attractively arranged on the stems. If slightly disbudded will give flowers 6 inches across, about seven on a stem. Fine, stiff stem and handsome foliage.

**GLORIANNA**

Bronzy-amber with pink shadings. Plant is an excellent grower, with perfectly stiff, erect stems. Free flowering. A most desirable all-around variety. Awarded a Certificate by the Chrysanthemum Society of America.



DAINTY

## SINGLE CHRYSANTHEMUMS STANDARD VARIETIES—Continued

**GODFREY'S BRONZE**

A scarlet bronze, with shiny yellow zone in center. A specially strong, robust grower, and very free flowering. Form, ideal grown as a pot plant, and splendid foliage.

**GOLDEN MENSA**

The parent of this variety, Mensa, is probably the finest Single that has ever been raised. It is of a wonderful size, with enough petalage to enable it to be shipped thousands of miles and come out of the box in perfect condition. In Golden Mensa we have a yellow sport of the same, identical with Mensa in every way except color, which is a bright, golden yellow.

**GRANT B. SCHLEY**

Late variety, growing considerably taller than the average Single; splendid for Thanksgiving and later. Color, lovely combination of orange-gold, changing to bronzy-scarlet. Created more favorable comment than any other variety in our exhibition house this Fall.

**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.

**HELIOS**

Chestnut-scarlet, occasionally flecked with yellow at the tips. The individual petals twist back, making the flowers look as though the petals were quilled. Foliage and stem particularly pleasing.



JULIA



IDA CATHERINE SKIFF

**IDA**

Pure sea-shell pink, a color that we have not had in Singles up to this time. The outer petals reflex and the inner petals are cup-shaped around the bright yellow center.

**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.

**JOAN MARIE PIPER**

A very distinct variety of coppery-bronze. The petals do not open flat as is the case in most Singles, but remain tubular until a week or so after the flower opens, when the tips of the petals show a rich, crimson color. One of the daintiest and most novel Singles of our entire collection.

**JOSEPHINE SCHOLTMAN**

Pale lilac in color with white zone around the immediate center of the flower. This variety was well shown at the Cleveland exhibition, where it was much admired, on account of its delicate shadings.

**JULIA**

Amaranth-pink, with silvery reverse and white zone around the center of the flower; very much the color of the old and well-known Lord Kitchener. Very heavy grower, having several rows of petals, making it a splendid keeper and shipper.

**KATHLEEN MAY**

Very brilliant crimson, with some six rows of petals, making the flower almost too heavy to be called a Single, although it has the open center of the Single types. Stiff stem and foliage ideal.

SINGLE CHRYSANTHEMUMS STANDARD VARIETIES—Continued

**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.

**LADY ASTOR M. P.**

A splendid, deep crimson, much the finest thing we have had in this color. Lady Astor is a late blooming variety and can be brought in for Thanksgiving very easily if desired.

**LARCHMONT**

Creamy-white with pale lavender edges. This Single is unique in its habit of growth on each individual flower. The outer or lower row of petals spread out considerably, then the succeeding rows of petals over this gradually reduce in length of petal until the center of the flower shows up. The little short lavender petals form a collar around the daisy-like center of the flower.

**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.

**MENSA**

Purest white. This is a splendid variety. Certificated by C. S. A.



LADY ASTOR, M. P.

**MILDRED PRESBY**

Color bright lavender pink, with petals curling slightly toward the tips, giving the flowers a novel appearance. Magnificent foliage and stiff stem all go to make this one of the best introductions to date.

**MILLICENT PIPER**

Most quickly described as an earlier Mensa, coming into bloom 10 days before Mensa. This variety was in the market and sold before Mensa was ready to ship and proved itself a most profitable sort.

**MISS ISABELLE**

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

**MISS RUTH S. BERGEN**

Brilliant amaranth with a straw-yellow zone around the center. This variety was raised outdoors without having ever been grown in a greenhouse and is particularly strong and healthy.

**MRS. MAX BEHR**

Shiny chestnut-scarlet; very dwarf grower and the flowers are closely placed together, therefore, should be slightly disbudded to give best results.

**MRS. W. E. BUCKINGHAM**

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

**MRS. CHARLES CLEARY**

Brilliant bronzy-red with yellow zone around the center. Stem is very stiff and habit of the plant very fine.



MRS. MAX BEHR

## SINGLE CHRYSANTHEMUMS STANDARD VARIETIES—Continued

**MRS. F. NORRIS COLLINS**

A bronze sport of the popular Grant B. Schley. A splendid, deep rich bronze with golden yellow center. One of the finest Singles we have introduced in many years. Rather a tall grower, attaining a height of 5 to 6 feet.

**MRS. E. D. GODFREY**

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

**MRS. C. S. MCKINNEY**

Bright buttercup-yellow. A superb variety in all respects. This has several rows of petals and a deep green center—a charming contrast. Stiff stem and nice foliage.

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

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

**MRS. LOU THOMPSON**

Primrose-colored sport from Mensa. Must not be confused with Golden Mensa, which is considerably deeper in color.

**MRS. W. H. WAITE**

The flowers open a soft Enchantress Carnation pink and when fully expanded, are pure white. The combination of the two colors, of the opening, and full open flowers, make a charming combination.



RUTH C. DENNISON

**MRS. E. H. WELLS**

Petals creamy white in center, shading to palest lavender on outer edges; refined and beautiful flower, the admiration of all who have seen this variety both in greenhouses and at the exhibitions.

**PHYLLIS BRYANT**

Sulphur yellow. The flower is absolutely perfect in outline and one of the very finest yellows.

**PORTIA**

Deep salmon-bronze, shading in center to a bright flame; splendid habit. This variety created a sensation wherever shown at the Fall exhibitions.

**RICHARD DELAFIELD**

An exceptionally novel, deep terra cotta with scarlet shades; very effective when grown with white varieties.

**RUTH C. DENNISON**

A bright yellow Single that is destined to take the place of Golden Mensa, since it is a great improvement over that variety, and comes into flower three weeks earlier. Very heavy flower, stiff petals o good texture, and one of the best we have introduced in the Single type.

**ROUPEL BEAUTY**

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

**STANLEY VEN**

Lovely rose color; sprays are well divided, doing away with the necessity of any disbudding. Certificated at Philadelphia, Boston and Chicago. This variety has been on the market five years, but we have been unable to find anything to displace it in its color to date.

**SUPREME**

Glowing crimson; much the finest thing in this shade we have ever introduced. Flowers are well divided on the stem and need no disbudding as they are extra large in size. Supreme will be the standard crimson another year.

**SARAH**

A bronze Single, growing in clusters of seven to eight flowers on a spray, reddish terra cotta bronze with bright green center. Each individual flower has several rows of petals, making it a very valuable keeper and shipper. Very handsome foliage, a delightful contrast to the brilliant, rich flower.

**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; the color is a brilliant canary-yellow, somewhat different from any other yellow ever sent out.

**YELLOW GLORIANNA**

Pure yellow sport of the bronze variety Glorianna, which we distributed two years ago. This variety is one of the largest and most distinct Singles for the hardy garden.

**YVONNE**

A brilliant bronzy amber. One of the best of the lighter bronze Chrysanthemums.

# Novelty Improved Pompons for 1925

## 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.

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



H. R. H.



ANNA KUHN

## 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. Individual flowers gracefully arranged on the stem showing the variety to the best advantage.

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

## ALEX DONALDSON

A lovely clear bronze, very dwarf and robust in habit. This variety will make beautiful bushes that need no artificial support, if pinched once when the plants are small. An ideal variety for pot culture and does splendidly when lifted Sept. 1st and potted for house decoration.

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

## MRS. J. WILLIS MARTIN

Lovely Autumn shade of bronze, ready to cut October 15th. Very closely resembles Bronze Doty in type and color, but is a much dwarfer grower and earlier variety. One of the most satisfactory of the outdoor Pompons, in this color.

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



MRS. J. WILLIS MARTIN



RED BIRD



YELLOW ANEMONE



MADAME LUNT

## Novelties in Hardy Types

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

While the following list may not conform strictly to the Pompon and Anemone types, they are all wonderfully beautiful, and are well worth being grown in every collection, and we are sure some of these varieties will find a lasting place among the hardy garden flowers.

### 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.

### 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.

### MARY ANN

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

### 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 many weeks. Growth stiff and robust.

### 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.

### PHYLLIS TYSON

A lovely variety of the large Anemone type. Color is an exquisite shade of salmon-bronze. We consider this the best of the hardy seedlings of the year.

### PINK ANEMONE

Amaranth-pink, with mustard shaded center; very vigorous grower, splendid, stiff stem, with very heavy texture to petals. Wonderfully effective when grown in sprays.

### PINK POPCORN

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

### 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.

### 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; center raised high from the surrounding petals, making this variety most attractive.

### WHITE FEATHER

This is a most attractive variety. The petals are very narrow, as in Golden Queen, and split on the ends into several segments, giving the flower the appearance of having numberless small white hooks on the ends of the petals. Color is pure white, and stem is very rigid.

### 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.

### MARIAN SHILLABER

Deep primrose-yellow, with deeper bronzy yellow-tufted center; about three rows of outside petals, with each succeeding row decreasing in size toward the center. Most easily described as "Jonquil" yellow.



## IMPROVED POMPONS

This type is about five times as large as the original or Button Pompoms, that have been known for many years as the only Hardy Chrysanthemums. As these are becoming better known they are being grown more than any other type of Hardy 'Mum, as they are wonderfully satisfactory whether for cut flower purposes or garden display.

**Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.**

### 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 L. MORAN

Of all the many Chrysanthemums we have distributed the last fifteen years this is our favorite in the Pompon section. The color is splendid—a brilliant, flame-scarlet, so vivid as to be easily the most striking flower in the entire collection. The individual flowers on this Pompon are large, on the order of the Doty type.

### BRONZE DOTY

Deep terra cotta bronze, like both of the foregoing varieties of the Doty family, it is also of splendid habit, stiff in stem and free flowering. The deep terra cotta red is enhanced considerably by the old-gold shadings throughout the petals.

### 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.



ANNA L. MORAN

### 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.

### CONNIE DICK

This has been aptly termed the "Yellow Doty." It is almost identical in every respect except color, which is a clear glowing yellow; very striking in contrast with other varieties. We feel that Connie Dick is the most valuable variety ever introduced in the large flowering Pompon section, as the habit is ideal; growth strong, and stiff stems with glossy foliage, a fascinating variety seeming to possess every desirable quality.

### FLORHAM QUEEN

A lovely blush white; flower is almost a globe when fully expanded. Ideal in growth and the arrangement of the flowers on the spray is superb, as the buds are well separated and have ample room for development with little, if any, disbudding.

### FRANCES HUCKVALE

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



ADELAIDE

## IMPROVED POMPONS—Continued



MRS. HENRY F. VINCENT

**HELENA FLINT**

Rich old gold in color; and a duplicate of Doty in form, growing habit, foliage, etc., etc. A very fine acquisition to the Doty type, we have been growing for a number of years.

**INDIAN HILL**

A stocky, stiff-stemmed variety; deep yellow, flecked throughout with crimson which gradually fades out as the flower ages.

**JULIA DE WITT**

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

**MARIANA**

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

**MRS. HENRY F. VINCENT**

An exquisite shade of fawn and bronze with salmon-pink shadings, a color that was one of the most popular shades in New York during the season just past. This variety also is very strong in growth and the foliage is perfect in every way. We predict this will be one of the most popular Novelty colored Chrysanthemums when generally introduced.

**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. A fine, sturdy, dwarf grower.

**MRS. CHESTER ROBINSON**

This variety is a very tall, strong grower, running 4½ to 5 feet tall in the benches. Flowers are very large, as large or larger than Doty, which it somewhat resembles, though it is deeper in color, being a lovely old rose shade of pink. Exceptionally robust in growth, with the stalk rigid and every flower well divided on the stem, so that no disbudding is necessary.

**MRS. CHARLES H. STOUT**

An improved Pompon, one of the hardiest and most satisfactory to grow. When first opening is a delicate bronze with a lovely deep pink center. As the flower develops, this color fades out to the tiniest pin-point of lavender on the tip of each petal, making a wonderfully striking color. Very dwarf in growth, and can be specially recommended as a pot plant.

**MRS. ROLAND VOIGT**

A welcome addition to the already numerous pink varieties of Pompons that we have distributed the past three years. This variety is ready to cut outdoors the last week in October, and is a lovely deep lilac pink in color, which retains its color under the most adverse weather conditions.

**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. As grown outdoors it is several shades deeper. Mrs. Harrison has a very vigorous constitution and makes a beautiful bush outdoors.



MRS. CHESTER ROBINSON

IMPROVED POMPONS—Continued



**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. We consider this the most valuable of the many sorts introduced for garden work; blooms October 25th.

**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.

**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. One of the finest, if not the finest, we have distributed in several years.

**SARDI VORRO**

A unique color, brilliant salmon shading to shining bronze; dwarf in habit, not over 2 feet; one of the first to bloom in the garden and one of the most cheerful in appearance.

**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. Named in Cleveland in honor of one of the garden clubs of that city.



MRS. H. HARRISON (See page 36)

**TRAVELER**

A robust, strong growing white with beryl center. Short, crisp petals; one of the varieties that will ship anywhere and arrive in perfect condition with none of the flabbiness that characterizes some varieties, hence the name of Traveler.

**HARDY POMPON CHRYSANTHEMUMS**  
Standard Sorts

Some of the best known old favorites are included in the following list, and many will bloom outdoors up to Thanksgiving.

Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100.

**BABY**

Everybody's favorite. The smallest yellow variety grown.

**BABY MARGARET**

Said to be a pure white sport of Baby; a very beautiful thing.

**BECKY McLANE**

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

**BILLIE BURKE**

Golden bronze flowering for Thanksgiving. One of the best late bloomers.

**BRIGHT EYES**

As name implies each flower has a bright eye. The outer petals are orange-apricot. Excellent for pot plants, flowering about October 25th.

**CHRISTMAS GOLD**

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

**CRISTA**

Small, sulphur-yellow, flowering November 1st.

**DELPHINE DODGE**

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

**DONALD**

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

**DORIS**

A bronze variety with very short, crisp petals that gives universal satisfaction.

## HARDY POMPON CHRYSANTHEMUMS—Continued

**GILDA**

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

**GOLDEN FIREBRAND**

Deep golden yellow variety, in full flower September 25th. The earliest variety we have.

**GOLDEN CLIMAX**

Orange-yellow. In our opinion the finest of the many yellows now in cultivation, possessing every necessary qualification. This variety has been admired more than any other variety in the exhibition, particularly at Chicago. Truly named, as it does not seem possible to improve on this variety.

**HILDA CANNING**

Reddish bronze, button Pompon. Very fine sort.

**IVA**

Dwarf bronze; wonderfully free flowering.

**JULIA LA GRAVERE**

Crimson maroon, for cut flowers. One of the best.

**LELIA**

Splendid scarlet bronze in color; tall, handsome flower, quite large in size.

**LILLIAN DOTY**

It is much the finest pink in the large flowered section of the entire Pompon family. The plant is a tremendous grower and will make stems 4 and 5 feet long, producing beautiful sprays of clear, light pink flowers.

**LITTLE GEM**

A beautiful shade of clear lavender-pink, with long sprays of flowers, growing about 2 feet in height.

**LOUISE DAVENPORT**

Rich bronze in color. Wonderfully free-flowering, and maturing November 10th.

**MARY PICKFORD**

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

**MEG**

Wine-red, shading to deep garnet. A colorful sort.

**MITZI**

Free flowering variety, medium size. Yellow, showing a red center during development.

**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.

**NEW YORK**

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

**NUGGETS**

A lovely clear shiny yellow, ideal either when grown as a pot plant or for cutting in graceful sprays. Impossible to be improved on in its season. November first to fifteenth.

**QUEEN OF THE WHITES**

Fine, creamy white; best in its color in the small types.

**QUINOLA**

Deep yellow. One of the favorite varieties in its color.

**RENA**

Rose-violet, somewhat the same shade as Baltimore, but altogether larger and better flowers; more perfect in shape and keep a long while in good condition after being cut. Splendid in its color.

**ROSE TREVENNA**

Rose-colored Pompon; much deeper in color than the usual pink sorts.

**ROMAINE WARREN**

The color is orange-bronze. It is a clean grower of medium height and makes very attractive flower sprays, carrying the flowers well apart.

**SUSQUEHANNA**

A very fine yellow, with gracefully irregular flowers; very well known.

**UVALDA**

Pure glistening white Pompon, in full flower October 5th. A fine early flowering sort.

**VARSITY**

Yellow Button Pompon, flowering in early November.

**VIOLA**

A rich violet-red. Very showy against a white background

**WACO**

A very fine white variety with splendid stem and foliage; a well known sort.

**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.

**WM. WESTLAKE**

Golden-yellow. An old variety that is still deservedly popular.

**YELLOW GEM**

Large, full flowers; pure yellow.

**ZENOBI**

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

# 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 New Forcing Roses for 1925

### GRAFTED STOCK ONLY

2½-in. plants: \$1.00 each, \$10.00 per doz.

3 -in. plants: \$1.25 each, \$12.50 per doz.

4 -in. plants: \$1.50 each, \$15.00 per doz.

### SOUVENIR DE CLAUDIUS PERNET

This Novelty yellow Rose, the winner of the first prize at the Bagatelle Rose Garden, we imported from France five years ago and introduced to the American trade at that time. It has proved to be the sensational garden Rose. Experiments have proven it just as successful as a forcing variety in the greenhouse, but limited stock year after year has prevented its being sent out in quantity before this time. Color, a clear, glowing yellow, with no other shading. Foliage, clean, glossy and holly-like. A remarkable Rose in every way.

### MME. ALEXANDER A. DREUX

Golden bronze with scarlet shadings, the most superb and striking color ever seen in a forcing Rose. Everyone who has seen it growing in our greenhouses is delighted with it and we predict that when it can be had in quantity, it will dominate the market on account of its remarkable color. Clean, healthy grower and very free-flowering all through the season. So far it has not shown a trace of mildew, black-spot or any other disease, and anyone looking for a truly Novelty Rose, will make no mistake in growing Mme. Alexander A. Dreux.

# The New Forcing Roses for 1925



SOUVENIR DE CLAUDIUS PERNET

## STANDARD VARIETIES OF ROSES FOR FORCING

### GRAFTED

	Per plant	Per doz.	Per 100
2½-in. . . . .	50c.	\$5.00	\$40.00
3 -in. . . . .	60c.	\$6.50	\$50.00
4 -in. . . . .	75c.	\$7.50	\$60.00

### AMERICA

We cannot find a fault with this Rose—size, form, freedom, color, stem and foliage being alike, ideal. The color is an absolutely pure rose-pink that never under any circumstances turns blue, and the fragrance is unsurpassed. Every bud of America produces a perfect flower, no matter how strong the growth, and this fact alone puts it far ahead of Columbia, or any other variety of its type.

### CECIL 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. Own root stock only.

### COLUMBIA

This variety sends up quickly numerous stiff stems which are of good length without pinching, and naturally throws long, stiff stems. It is a free grower with beautiful foliage, the leaves spaced just right to please a cut flower grower and to form a fine setting for the bloom. Color true pink; a peculiarity of the variety is that the shades all become more intense until the full maturity of the flower is reached.

### DOUBLE WHITE KILLARNEY

There are several strains of Double White, but this stock we secured from a sport of Double Pink Killarney, and it is the finest type we have seen. In some soil Double White does not produce as many blooms as the Single White Killarney.

### FRANCIS SCOTT KEY

One of the most valuable Roses for growing in this country. On account of its heavy petalage it is considered an ideal variety for Summer growing, since it does not blow open so quickly. Free flowering and beautiful shade of deep red or American Beauty in color. Grafted stock only.

### HADLEY

Deep velvety-crimson, retaining its brilliancy at all seasons of the year; strong, rigid growth and flowers borne on long, stiff stems. Has proved itself a first-class forcing variety.

### IDEAL

Dwarf-growing Polyantha, very fine grower. Amaranth-red in color and a fine variety for growing in a greenhouse where room is at a premium. Own root stock only.

### MRS. AARON WARD

A general favorite; rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

### OWN ROOT

	Per plant	Per doz.	Per 100
2½-in. . . . .	30c.	\$3.00	\$20.00
3 -in. . . . .	40c.	\$4.00	\$25.00
4 -in. . . . .	45c.	\$4.50	\$30.00

### MADAME BUTTERFLY

A glorified Ophelia. It is altogether more vigorous in growth than its parent, Ophelia, as grown side by side in our establishment. Foliage and habit can be most quickly described as unsurpassed by any existing variety. 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

Rose Premier is a cross between Ophelia and Russell. The flowers are of Russell type, and hold a clear, pure shade of rose-pink throughout the year, lighter in Summer, deep rose-pink in cooler weather; a dozen blooms make an imposing bouquet.

### SENSATION

The color is an entrancing shade of red. The bud long, pointed, and the open flower beautiful, with extreme size and good color to the last. As large and more prolific than Premier. Well supplied with heavy, luxuriant foliage. The flowers are fine any season of the year. The stems are long, jointed and strong, with ample foliage. A good keeper and shipper. Has been hailed by the forcing Rose growers as the Rose they have been waiting for for years, because all other Red Roses introduced to date lack freedom of bloom.



AMERICA



## Novelty Carnation for 1925



RED LADDIE

### RED LADDIE

Red sports from Laddie have appeared from time to time with different growers, but only in one known case has the red sport been properly "fixed," or rogued to a true and permanent variety.

The variety we are introducing this year is the sport originated by William Kleinheinz of Philadelphia, and is the variety he has been exhibiting successfully in the large eastern shows for several years.

Everyone knows Laddie and the wonderful record it has made and it is not necessary to go into further details regarding the growth, etc. This new red is a wonderful shade of scarlet producing flowers 4 to 5 inches across, coming perfectly true to type in every instance and conforming in every way to the finest flowers of Laddie.

It presents the same difficulties of propagation and while we have a large stock at this time, we cannot guarantee unlimited deliveries, as many orders have been placed by visitors to our establishment who have seen it growing. Pot plants only, and all orders filled in straight rotation.

Awarded silver medal, Museum of Natural History, 1924.

**Price: 75c. each per plant, \$6.00 per doz., \$40.00 per 100.**

## 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.

**Prices: 30c. each per plant, \$3.00 per doz., \$20.00 per 100, except where otherwise noted.**

### PINK

**LADDIE.** This Carnation has established itself in the unique position of being worth more now than when it was introduced. 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. The keeping qualities are beyond question away ahead of any Carnation yet introduced. The plant is a splendid grower and the blooms very prolific. Pot plants, 2½-in., \$4.00 per doz., \$25.00 per 100.

**WINSOME.** Much darker in color than Mrs. C. W. Ward. Very free blooming variety, splendid habit of growth; long, stiff stem, early and continuous bloomer, good keeper, with flowers about 4½ inches across, of splendid form. One of the very finest deep pink varieties introduced in many years. Pot plants, 2½-in. \$4.00 per doz., \$25.00 per 100.

**ENCHANTRESS SUPREME.** Color is a light salmon-pink several shades deeper than the original parent, Enchantress, and this variety persists in the bright sunlight without fading. It is better than Enchantress in every way. We cannot too strongly recommend this variety. Calyx is a non-splitter, and the plant is just as productive as the old Enchantress.

**MRS. C. W. WARD.** Deep pink, large, perfectly formed flower with full center.

### 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. 2½-in. pots \$4.00 per doz., \$25.00 per 100.

### SCARLET

**BELLE WASHBURN.** Brilliant scarlet, about 4 inches across, non-bursting calyx, free and continuous blooming variety. Very stiff stem.

### CRIMSON

**DORIS.** The commercial crimson. It is wonderfully free and persistent in blooming, coming in early and flowering continuously throughout the entire season. If you need a crimson—try Doris.

### VARIEGATED

**PINK BENORA.** In this variety we have a sport of Benora that is rejuvenation in every way of its parent. The growth is much stronger and the flower is heavier with a perfectly stiff stem. In Benora, the ground color of the flower is white and in this variety it is pink.



MRS. C. W. WARD

### WHITE

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

**WHITE ENCHANTRESS.** Of the pure white strain. Splendid variety; satisfactory in all seasons.

## The Marinelli Carnations

Perpetual Giant Flowering Carnations

### MERVEILLE FRANCAISE

The largest Carnations ever produced, the colors being flesh with variegated dark pink stripes and spots.

### LE MIRACLE

The most remarkable color ever obtained in Carnations, being purple-lavender during the Winter, changing to a variegation of color in the Spring and Summer.

**Price: \$2.00 each per plant, \$20.00 per doz.**

Write us if you wish other varieties. We can furnish all standard sorts.



## TENDER BEDDING and GREENHOUSE PLANTS

### PYCNOSTACHYS—Dawei (The Blue Bee Balm Flower)

A unique and beautiful blue Winter flowering plant, coming to us from the Island of Madagascar, and blooming at a time when blue flowers are very scarce. The name is derived from the Greek *pyknos*—"dense," and *stachys*—"a spike," referring to the dense solid spike of flowers that it produces. The plant is an easy propagator, flowering from December to March. It lasts a considerable time in water or on the plant and is almost the only plant we have of its shade blooming during the Winter months under glass. Delivery June 1st.

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

### WINTER AGERATUM—*Erlangea tomentosum*

A Winter flowering plant with lavender Ageratum flowers, and wonderfully fragrant foliage. As a Winter cut flower, it is very popular, flowering from December to April. Delivery June 1st.

Price: 50c. per plant, \$5.00 per doz., \$25.00 per 100.

TENDER BEDDING AND GREENHOUSE PLANTS—Continued

## AGERATUM FRASERI

We feel confident in offering *Ageratum Fraseri* to our customers that we are offering what will be one of the most valuable acquisitions to the bedding plant line in recent years, that is a blue, a decided blue, that would be continually in bloom. In our trial grounds last Summer *Fraseri* attracted more attention than any other bedding plant. It only grew about 8 or 10 inches high and was covered the entire Summer with what can be easily classed as immense trusses of flowers, as many of them were over  $2\frac{1}{2}$  inches across, while the individual flower would be  $\frac{7}{8}$  of an inch in diameter. The plants spread about 12 to 15 inches across. It can very easily be used with *Alternanthera* as a border plant. Being an early bloomer and dwarf, compact grower, it makes an excellent pot plant. 25c. per plant, \$2.50 per doz., \$15.00 per 100.



BUDDLEIA ASIATICA

## 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. \$3.00 per doz., \$20.00 per 100.

**FARQUHARII.** This new Winter flowering Lilac is the first authentic hybrid in the genus. The flowers are pale pink, delightfully fragrant, and are borne in long, cylindrical, tail-like clusters. It is of easy culture, flowers during December and January, and is valuable for conservatory and house decoration and as cut flowers.  $2\frac{1}{2}$ -in. pots, 50c. per plant, \$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.  $2\frac{1}{4}$ -in. pot plants: \$1.50 per doz., \$10.00 per 100.

## SALVIA AMERICA

Differs from other types as it is a perpetual bloomer. It can be brought into flower for Christmas, Easter or any other desired time. It is just as free blooming as any other variety, and the color is a brilliant glowing scarlet, with very bright, green foliage, making a gorgeous contrast. The constitution is particularly rugged and healthy. As an outdoor bedding plant, it will be in great demand, as it is such an attractive addition to every garden.

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.



HELIOTROPE

## HELIOTROPE

We have reason to pride ourselves on the three varieties of Heliotrope we have introduced to the trade in this country. "Centefleur" was our first introduction; followed later on by "Elizabeth Dennison," and last year "Royal Fragrance," the latter being the finest Heliotrope that has ever been raised.

### 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 July until frost, and its fragrance can be detected all over the garden. 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.

2½-in. pots: 30c. each, \$3.00 per doz., \$20.00 per 100.

3 -in. pots: 40c. each, \$4.00 per doz., \$30.00 per 100.

4 -in. pots: 50c. each, \$6.00 per doz., \$40.00 per 100.

### 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.

### CENTEFLEUR

Deep blue in color with conspicuous white eye. Our first introduction in the Heliotrope line and is delightfully fragrant, as are all types of Heliotrope, but these three varieties are exceptionally so. Grows about 18 to 20 inches in height according to the soil and location where planted.

#### Prices of the above two varieties

2½-in. pots: 20c. each, \$2.00 per doz., \$15.00 per 100.

3 -in. pots: 30c. each, \$3.00 per doz., \$20.00 per 100.

4 -in. pots: 40c. each, \$4.00 per doz., \$35.00 per 100.

## SELECTED CANNAS FOR THE YEAR 1925

Cannas are among the most popular and magnificent of the Summer blooming plants, and seem to do equally well in all sections of the country. Cannas are gross feeders; they need a generous amount of fertilizer, and in dry weather should be watered freely. For best effects plants set out in large blocks, say 2 feet apart, allowing each plant room for individual development, will make a marvelous showing in any planting plan. Of the numerous varieties in cultivation, the following list is the selection of an expert in this particular line of plants.

### AMERICAN BEAUTY

This is the richest colored Canna we know—a velvety, oriental carmine or translucent cerise. It is unusually attractive, with its large flowers of tropical magnificence. Height 5 feet. 50c. each, \$5.00 per doz., \$35.00 per 100.

### KING MIDAS

Very large flowers of glittering gamboge-yellow. An outstanding variety, making glorious trusses on stems as straight as an arrow. A true Canna aristocrat. Height 5 feet. 75c. each, \$7.50 per doz.

### MRS. ALFRED F. CONARD

A leader in the salmon-pink shades. Firm, lasting flowers. A glorious Canna when planted in quantity beds. Height 4 feet. 25c. each, \$2.50 per doz., \$20.00 per 100.

### MRS. PIERRE S. DU PONT

This new Canna surpasses all other pink varieties. The color, a vivid watermelon-pink, is exceedingly rich and attractive. Although the single flowers are very large and form immense heads, each petal is so firm that the blooms always open perfectly and do not wilt in the hot Summer sun. The wavy or crinkled edge to the petals is a new departure in Cannas. The flower-stems are strong and upright, holding the heads well above the healthy, green foliage. Mrs. Pierre DuPont will long reign as pre-eminent queen of all the pinks. \$5.00 each, \$50.00 per doz.

### PALM BEACH

Broad, long-petaled flowers of maize-yellow, with a faint blush of pearly pink. Really a rival of the daintiest orchids. The throat and lower petal are soft buff-yellow, shaded with apricot, producing a harmony of delicate shades. Height 3½ to 4 feet. \$1.00 each, \$10.00 per doz.

### THE PRESIDENT

Color is rich, glowing scarlet, and the immense, firm flowers, 7 inches across when open, are produced 10 to 15 on a head, on strong, erect stalks. For a glorious, glowing show all Summer this Canna is unsurpassed. Height 4 feet. 25c. each, \$2.50 per doz., \$20.00 per 100.

### RAZZLE DAZZLE

The flowers are exquisitely colored crimson-maroon and each petal being edged with brilliant yellow, makes a dazzling effect. One of the prettiest Cannas we have. Height 4 feet. \$1.50 each, \$15.00 per doz.

### VULCAN

Medium-sized flowers, borne in great heads of brilliant, glowing, velvety cardinal-red color. The ebony-colored stems help the dark effect of this new beauty. Splendid for bedding and a delightful sight when massed. Height 3 feet. \$1.50 each, \$15.00 per doz.

### WINTZER'S COLOSSAL

The average flowers more than cover a man's hat. The color is a striking vivid scarlet, that does not fade. Height 5 feet. 25c. each, \$2.50 per doz., \$20.00 per 100.

### WYOMING

Very large, orange-colored blossoms. The foliage is rich purplish-bronze. Height 7 feet. 20c. each, \$2.00 per doz., \$15.00 per 100.



THE PRESIDENT



LADY ELIZABETH (See page 50)

## DAHLIAS

*Culture.*—The best time to plant tubers is from May 15th to June 15th, but green plants should not be set out earlier than mid-June. Plant 3 feet apart in the rows having 4 feet between each row. This will allow the plants to grow without crowding and the air to circulate through the plants.

The tubers should be planted 6 to 8 inches deep and laid in a horizontal position so that the growth will come straight up as it develops. Be sure that the tuber is placed with the eye upward and cover the same with about 2 inches of soil and fill in with more soil as the growth develops.

DAHLIAS—Continued

## Novelties

### JERSEY'S BEAUTY (DECORATIVE)

Very fine true pink, flowers of perfect shape, produced on long, straight, stiff stems. Very free bloomer, and a splendid keeper. Tubers \$10.00, plants \$5.00.

### JERSEY'S EMPEROR (DECORATIVE)

Dark maroon flowers of good size and produced very freely on good stems. Plants \$5.00.

### JERSEY'S GEM (DECORATIVE)

Lavender-pink. Flowers large, produced on very long, straight, stiff and slender stems. A very free bloomer. Tubers \$5.00, plants \$2.50.

### JERSEY'S JEWEL (DECORATIVE)

Mallow-pink, very large, long-petaled flowers on fine stems. A splendid exhibition variety. Flowers can be had 9 inches without disbudding. Tubers \$10.00, plants \$5.00.

### JERSEY'S KING (DECORATIVE)

Begonia-rose, large, broad-petaled flowers produced very freely on splendid stems. Tubers \$2.50 plants \$1.00.

### JERSEY'S RADIANT (HYBRID CACTUS)

Bittersweet orange, large flowers on long, stiff brown stems, well above the foliage. A very attractive variety. Plants \$3.00.

### JERSEY'S ROSE (DECORATIVE)

Cerise; very fine, free blooming variety. Flowers large, on good stems. Tubers \$5.00, plants \$2.50.



JERSEY'S JEWEL



JERSEY'S BEAUTY

### FRANCIS LOBDELL (HYBRID CACTUS)

Mallow-pink, shading to white in center. A very stiff, low-growing habit, wonderful free bloomer, the bush being covered with flowers. Splendid bedding variety as well as an exhibition and cut flower variety, the stems are like pieces of cane. True stock very scarce. Tubers \$5.00, plants \$2.50.

### LADY ELIZABETH

(See color illustration page 49)

A distinct new break in Hybrid Cactus Dahlias, resembling the Hairy or Plume variety of Chrysanthemum. A distinctive novelty, color, clear canary-yellow overlaid with bronzy-pink, the tips of quilled petals are split, giving the flower a very shaggy appearance. The center petals stand out straight from the flower, with the bronzy color very much intensified in these center petals. A very free flowering variety, and one that should be very popular with practically every grower of Dahlias in the country. Tubers \$5.00, plants \$2.50.

### ORANGE BEAUTY (DE WILDE)

A very beautiful new variety in a really unusual shade in Dahlias, being a true orange; very decorative in the garden, and one that lends itself particularly well for decoration indoors. Of the decorative type, medium in size, with a splendid, stiff stem and all the good qualities of Patrick O'Mara. Tubers \$5.00, plants \$2.50.

### VIOLETTA (HYBRID CACTUS)

Petunia-violet. This variety is always a favorite and the best in its class. Flowers produced very freely on splendid stems. True stock is still very scarce, as the demand has always been heavy. Tubers \$5.00, plants \$2.50.



## DECORATIVE DAHLIAS

Decorative Dahlias are the kinds used mostly for cut flower work. They have round or flat petals, are loosely formed and never show any opening in the center. This is the most popular type grown today. Stems are always thick in this type.

### AGNES HAVILAND

Large flowers on strong, stiff stem; of perfect type; color a fine rose-pink, slightly suffused with yellow. Tubers \$2.00, plants \$1.00.

### ALEX WALDIE

A beautiful Decorative Dahlia, large flowers of creamy white, overlaid with delicate salmon-pink. \$4.00 per tuber, \$2.50 per plant.

### AMUN RA—THE SUN GOD

Resembles the setting sun. Outer petals of gorgeous shades of copper and orange, shading to gold and amber, deepening to a rich, dark reddish-bronze at the center. Tubers \$2.50, plants \$1.50.

### CARDINAL

Very deep maroon-red. Fine for cut flowers having a wonderfully stiff stem and lasting qualities. 25c. per tuber.

### CHAMPAGNE

A massive flower on upright, stiff stems. Coloring is rare—a dull golden varying to chamois. Tubers \$5.00, plants \$2.50.

### DELICE

A pretty shell pink. 50c. each.

### DREAM

Amber-rose, borne on long stems which hold the flower free above the foliage. Excellent for both cutting and garden decoration. Decorative type. 50c. per tuber, \$5.00 per doz.

### EDITH CAVELL

An enormous flower of old gold, shaded to reddish-bronze. Very long, stiff stems. Tubers \$1.50, plants \$1.00.

### EARLE WILLIAMS

A very attractive variegated variety; one of the best of this type. Large flowers, deep formation, brilliant crimson-scarlet, each petal tipped with white; free bloomer. Tubers \$2.50, plants \$1.50.

### EMILY RENWICK

A bright, rosy Decorative from the East, a profuse bloomer, flowers of medium size on good stems. \$1.50.

### E. T. BEDFORD

The color is purple, with a lighter shading, giving it the appearance of a silvered purple tone. Should be in every exhibition collection and in every garden where good Dahlias grow. Height 5 feet. Decorative type. Tubers \$2.00, plants \$1.00.



JUDGE MAREAN (Decorative)

### GLADYS SHERWOOD

One of the most beautiful large flowering white. The flowers are of fine form, held erect on strong stems. Profuse bloomer. Tubers \$1.50, plants \$1.00.

### HERCULES

Tangerine and deep yellow. Quilled, of enormous size on long, stout stems. Tubers \$2.00, plants \$1.00.

### HOCHSAI

Decorative type. Bronzy yellow overlaid with crimson shadings through the petals, giving the effect of crimson dust scattered over a bronzy-yellow surface. Plant is a tremendous grower and perfect as to stem and foliage. 50c. per tuber, \$5.00 per doz.

### ISLAM PATROL

A stunning red and gold Hybrid Decorative that attracted attention wherever shown. Tubers \$3.00, plants \$2.00.

### JUDGE MAREAN

A perfect Decorative type of a most beautiful color. A wonderful combination of glowing salmon-pink, red, iridescent orange, yellow and pure gold; it is a continuous bloomer and at its best in August. Average height 4 feet. Tubers \$2.00, plants \$1.00.

## DECORATIVE DAHLIAS—Continued

**LIBERTY BOND**

One of the finest Decorative Dahlias; unusual coloring of buff, bronze and salmon shades blended. The flower is immense in size and full in form. A profuse flowering, vigorous growing plant. Tubers \$1.50, plants \$1.00.

**MARIE HARDY**

Giant variety from California. Color pale lemon-yellow ground, with cerise tips on the edge of the petals. As the flower ages the cerise color becomes very prominent, spreading practically over the whole flower. Flowers profusely with stems of good length and very rigid. Show type. Tubers 25c. each, \$2.50 per doz.

**MILLIONAIRE**

The most delicate lavender, with a faint pink cast overshadowing it. A good exhibition variety of unusual size; stands erect on its stem. Tubers \$1.00.

**MINA BURGLE**

This is one of the finest broad, flat-petaled Dahlias in existence, always giving satisfaction and producing blossoms of gigantic size with perfect centers. In color, a glowing and most brilliant rich crimson-scarlet. Decorative type. Tubers 25c. each, \$2.50 per doz.

**MME. VAN DEN DAELE**

Flowers large, of extra fine form, and produced upon exceptionally good stems. As a cut flower variety it is unsurpassed. White, deeply edged a silvery-pink; a blending of colors rare among Dahlias. Decorative type. 25c. per tuber, \$2.50 per doz.



PATRICK O'MARA

**MRS. BRANDT**

Color, salmon with golden-yellow center. A very large Decorative Dahlia. 50c. per tuber, \$5.00 per doz.

**MRS. I. DE VER WARNER**

True Decorative type of largest size; color a deep mauve-pink, strong grower and very free bloomer. A magnificent and most desirable Dahlia in every way. Average height, 5 to 6 feet. Tubers \$3.00, plants \$1.50.

**MRS. J. GREEN**

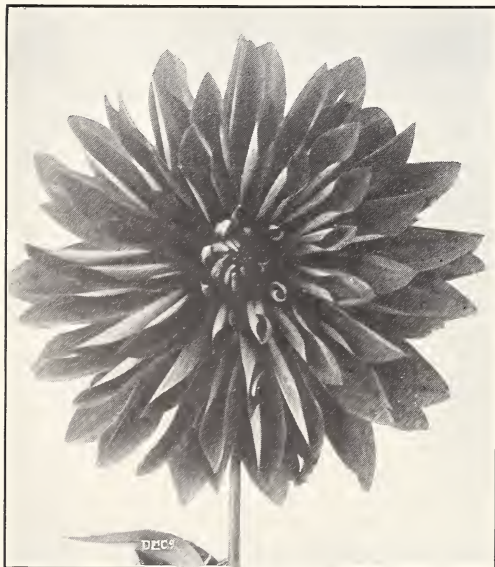
Vivid, brilliant scarlet in color, with very large, full flowers. We received this variety from California and it more than surpasses the wonderful description that accompanied it. We consider it the finest red Decorative type in our garden. 50c. per tuber, \$5.00 per doz.

**PATRICK O'MARA**

Decorative. A very fine golden yellow, produced on strong, straight stems. Being a seedling of King of the Autumn, it is a very free and vigorous grower, and never produces a single flower like its parent. Tubers \$1.00, plants 50c.

**PRESIDENT WILSON**

Large flowers of the finest form, there is nothing in its class to compare with it in beauty. Color a carmine red with tips of petals white. Tubers \$2.50, plants \$1.50.



MINA BURGLE

## DECORATIVE DAHLIAS—Continued

**PURPLE MANITOU**

The same type and size as Le Grand Manitou, but of a pure purple. Tubers 50c.

**QUEEN MARY**

A beautiful rose-pink of great substance and charming formation. The stem is wonderfully long and stiff, and the flower grows well above the foliage. It is a cut flower par excellence. Decorative type. Tubers 50c., plants 25c.

**ROSA NELL**

Flowers very large, fine for exhibition. A clear, bright rose color, very unusual and attractive. Fine stem. Tubers \$1.00, plants 75c.

**THE EMPEROR**

This variety caused quite a stir at the Dahlia exhibitions on account of its enormous size, its beautiful deep color, the perfect form of the flower, and the extra long stem. The flower is a maroon of the finest type; made up of long, flat petals; the color does not spot under any weather condition. Average height 6 feet. An exceptional variety. Decorative type. Tubers \$3.00, plants \$1.00.

**VENUS**

A beautiful variety and much esteemed as a cut flower; it is a splendid free grower, and the flower, which is a combination of pink and white, is borne on long stems. Decorative type. Tubers \$1.00, plants 75c.

**VERDUN**

This beautiful Dahlia was imported from France and attracted great attention at all the shows. The color is a clear yellow tipped and edged with red. The flowers are strong and upright, held well above the foliage on exceptionally stiff stems. One of the most profuse bloomers we have ever shown and one which we highly recommend for the garden or for use as cut flowers. Tubers \$2.00, plants \$1.00.

**WIZARD OF OZ**

One of the finest Dahlias in existence, of a salmon-rose color shading to amber towards the center. Robust grower. We have had four flowers on a single stalk each of which measured 6 inches. When disbudded 10-inch flowers are not uncommon. Flowers resemble a huge Water Lily and are wonderful keepers when cut. Tubers \$4.00, plants \$2.00.

**CACTUS DAHLIAS**

The Cactus type of Dahlia is very readily identified by its long, narrow petals. Many of them resemble Chrysanthemums. They are usually very brilliant in color, but many of the finest varieties are weak in the neck of the flower and for this reason they are not grown to as great an extent as are the other types.

**AMBASSADOR**

The floral sensation of Los Angeles; the color is a soft yellow buff, shaded salmon-pink; flowers of pleasing form, and enormous size, 7 to 10 inches without disbudding; the splendid flowers are held erect well above the foliage on the strongest stems I have ever seen on a Cactus Dahlia. Tubers \$5.00, plants \$3.00.

**F. W. FELLOWS**

Very large blooms of a beautiful orange color. \$1.00 per tuber, \$10.00 per doz.

**JULIANA**

A flesh-pink with a white center; large, incurved flower of narrow petals, with a good center and extra strong stems. Cactus type. 25c. per tuber, \$2.50 per doz.

**MARJORIE CASTLETON**

The outer florets are rose-pink. The tips and inner florets are pure white. Cactus type. 25c. per tuber, \$2.50 per doz.

**MRS. EDWARD DRUREY**

This new creation will prove a thoroughly reliable variety in any situation. Color, a delicate shade of purple-crimson. The flowers are formed evenly but are not strikingly curved. Large blossoms, produced freely and good throughout the season. Cactus type. 50c. per tuber, \$5.00 per doz.



F. W. FELLOWS

## CACTUS DAHLIAS—Continued

**NIBELUNGENHORT**

Very attractive petals of purplish-rose splashed with gold. Individual petals which twist and curl are flowers of the Hybrid Cactus type. Tubers 75c.

**SCORPION**

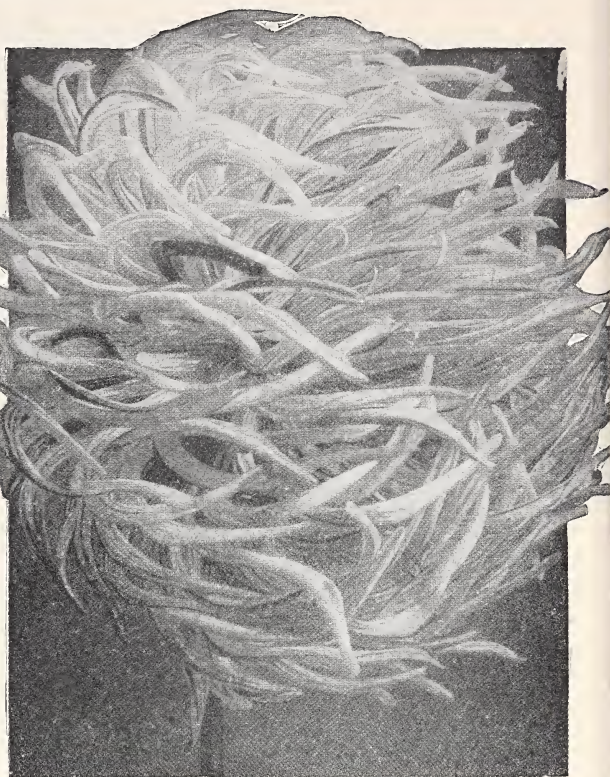
At first sight one would think it a Chrysanthemum. The blossoms are of medium size and of a beautiful, clear yellow color. This variety is a great favorite with specialists abroad, especially appealing to the lovers of irregularly formed Cactus Dahlias. \$1.00 per tuber, \$10.00 per doz.

**THE IMP**

Described as the "Black Dahlia," the color being as near black as any we have ever seen in Cactus Dahlias. A beautifully formed flower with long, claw-like petals and exceptionally good incurved form. 25c. per tuber, \$2.50 per doz.

**HYBRID CACTUS DAHLIAS**

Until recently the Hybrid Cactus Dahlia was the most popular of all the types, and on account of their graceful form and their magnificent diversity of coloring they still continue to be grown by many customers. As a general rule this type of Dahlia is very free flowering, and many people select this type in preference to the Show Dahlia. Where Dahlias are grown in a garden for show, this is the ideal type, and there are always quantities of flowers on the plant from early in the season until frost.



SCORPION

**ATTRACTION**

A large, elegant flower of clear lilac-rose. The habit is perfect, with long, strong stems, holding the blossoms stiff and upright. The long, stiff stems of the Hybrid Cactus Dahlias make them far superior to all other Cactus Dahlias. \$1.00 per tuber, \$10.00 per doz.

**ELIZABETH SLOCOMBE**

Rich, purplish-red, changing to a clear garnet red as the flower ages. Hybrid Cactus type. \$2.50 per tuber.

**ETENDARD DE LYON**

Hybrid Cactus type, distinct in shape from all others. The petals are broad, curled and wavy, and form a flower fully 6 inches in diameter and 4 inches deep; a very large flower. The color is rich carmine-rose, with a brilliant suffusion difficult to describe. Tubers 75c.



GEORGE WALTERS (See page 55)

HYBRID CACTUS DAHLIAS—Continued

**GEORGE WALTERS**

This variety has long, broad, quilled petals, a bright salmon-pink, artistically suffused with old gold. The flowers are produced on long, stiff, wiry stems, well above the foliage. \$1.00 per tuber, \$10.00 per doz.

**INSULINDE**

A very handsome variety. In coloring the Autumn tints of amber and gold are beautifully blended. The flower is large, and is borne on strong, stiff stems. Splendid for exhibition. Tubers \$1.50, plants \$1.00.

**KALIF**

One of the largest Hybrid Cactus Dahlias. A fine, brilliant scarlet. It has a fine, stiff stem and produces its massive flowers in great abundance. Very useful for cutting, as well as for garden decoration. 75c. per tuber, \$7.50 per doz.

**LA FAVORITA**

A brilliant salmon shade. Rosy salmon in the center and shading to pink at the twisted points. Hybrid Cactus type. \$1.00 per tuber, \$10.00 per doz.

**LATONA**

An unusual blending of orange, buff and yellow. Flowers are nearly full to the center, and produced freely on good stems. 50c. per tuber, \$5.00 per doz.

**PEONY TYPE DAHLIAS**

The Peony type of Dahlia is one of the most popular types. The flowers are usually very large, and very often show an open center. Some varieties very much resemble the semi-double Peony, and for this reason the type is known as the Peony type.



**PINK BEAUTY**

**MEPHISTOPHELES**

Hybrid Decorative; the insolent beauty of this Dahlia makes itself felt through its giant flowers held perfectly erect on extra long, stout stems; ruby red. Tubers \$2.00, plants \$1.00.

**MT. SHASTA**

Hybrid Cactus. Delicate coral-pink. Very large and free; upright. Red, very vigorous grower, producing many flower stalks on a plant growing to a height conservatively averaging 6 to 8 feet. It is considered the best Dahlia in existence. \$5.00 per tuber.

**RED CROSS**

This is of the Hybrid Cactus type. Bronzy-yellow with red shadings, and possibly one of the most charming in our garden this Summer. Exhibited at the New York Dahlia show and was one of the most admired in our exhibit. Tubers \$1.00, plants 75c.

**YELLOW KING**

Another giant Hybrid Cactus Dahlia that is splendid for cutting. A very beautiful pure yellow, passing to a lighter shade at the tips. The stems are very long, stiff and upstanding; the plant is a vigorous grower and an early and prolific bloomer. \$1.00 per tuber, \$10.00 per doz.

**CAECILIA**

A magnificent flower of great individuality; one that will give perfect satisfaction. A wonderfully large creamy white flower. Cactus type. 35c. per tuber, \$3.50 per doz.

**CLEOPATRA**

Peony-flowered type; very strong grower; large flowers on wiry stems; fine yellow shade with tangerine reverse. Average height 5 to 6 feet. \$1.00 per tuber, \$10.00 per doz.

**ETENDARD**

One of the purest types of Peony flowering Dahlia. This variety produces quantities of flowers, 9 inches across, on stiff stems, 2 to 3 feet long. One of the very finest subjects for cutting. Color, pure glistening white with yellow center. \$1.50 per tuber, \$15.00 per doz.

**PEG O' MY HEART**

Dahlia, Peony flowered type; extremely attractive color, being of an old rose shaded to soft golden. Average height 5 to 6 feet. Tubers \$2.00, plants \$1.00.

**PINK BEAUTY**

A wonderful variety in the Peony type. Flowers are borne on stems 18 inches to 2 feet long, perfectly rigid. Color is a brilliant carmine, veined and flecked silvery pink. 25c. per tuber, \$2.50 per doz.

## SHOW DAHLIAS

These are the old-fashioned type of Dahlia. They have very tight flowers with short, crisp petals.

### AMERICAN BEAUTY

The color of this new acquisition is a gorgeous wine-crimson. The blossoms are of colossal size, petals being beautifully cupped and quilled. Show type. 35c. per tuber, \$3.50 per doz.

### GOLD MEDAL

This is without question the finest fancy Dahlia that has ever been introduced. Blooms early, free, and continuous and keeps perfectly for many days. The color is a beautiful dandelion-yellow suffused with oriental-red shadings. Show type. 50c. per tuber, \$5.00 per doz.

### MAUDE ADAMS

Center white. Tinted a clear delicate pink from the Pompon variety of the Show type. 50c. per tuber, \$5.00 per doz.

### PRIMROSE DAME

Spherical, exquisitely quilled flowers of a lovely primrose-yellow shade. Free flowering. 25c. per tuber, \$2.50 per doz.

### STORM KING

The most reliable pure white frilled Dahlia to date. Spherical flowers produced on good stems well above the foliage. Show type. 25c. per tuber, \$2.50 per doz.

### SYLVIA

Beautiful deep pink, blending to pale lemon at the center. Petals long and slightly incurved. Show type. 25c. per tuber, \$2.50 per doz.

### W. W. RAWSON

A wonderfully quilled Dahlia of great beauty. Good stem. Color is white, overlaid with delicate lavender. 25c. per tuber, \$2.50 per doz.

### YELLOW DUKE

Beautiful brilliant yellow of the Show type. Flowers are borne on long, stiff stems. 25c. per tuber, \$2.50 per doz.

## POMPON DAHLIAS

Splendid for cutting and on account of their small, compact nature last a considerable time. Very free flowering. **Price: 50c. per tuber, \$5.00 per doz., \$35.00 per 100.**



ADA FINCH

ALEWINE	GOLDEN BANTAM
ARIEL	GLOW
AMELIA	HARRY SNOOK
BOBBY	HYPATIA
BELLE OF SPRINGFIELD	IDEAL
DARKEST OF ALL	LASSIE
DEWDROP	LITTLE BEESWING
DEE-DEE	LITTLE DOROTHY
DR. JIM	MAVIS
DAISY	ROSEBUD
ERNEST HARPER	SNOWCLAD
FAIRY QUEEN	ZOE

## Miscellaneous Stock

Every year, when the tubers are taken up from the field some of them get separated from their labels and we have a collection of unknown varieties. These are first-class tubers of our best varieties which we can offer at a very low rate.

**Price: \$1.00 per doz., \$10.00 per 100.**

## ADA FINCH, Narcissi-Flowered

This variety is a forerunner of a new type of Dahlias termed the Narcissi-flowered Type, on account of the center of the flower. On this particular variety, the outer row of petals are pure white and stand straight out from the center, while the center itself is tufted with the pale yellow, quilled petals standing up in the same manner as the Double Narcissus. \$1.00 per plant, \$10.00 per doz.

## COLLARETTE DAHLIAS

This type is distinct from others on account of the row of small petals around the center of the flower forming a collar, from which the type derives its name.

### ACHIEVEMENT

The flowers of this phenomenal creation are very novel, the large petals being of a clear, rich, velvety maroon, with a smaller ring of petals arranged around the yellow center of pure white. Collarette type. Tubers, 50c. each, \$5.00 per doz.

### CLIMAX

A variety of surpassing merit and beauty. Brilliant scarlet with outer petals shaded bronze. The collar is of pale gold, around the deep orange center, making a most striking combination. We call it "Climax," as we consider it the last word in "Collarette Dahlias." Tubers 50c. each, \$5.00 per doz.



## MIGNON DAHLIAS

### Dwarf Bedders

Several years ago we imported from France, a dwarf type of Dahlia, known as the "Mignon," which we have been selling the past two years to our many customers. These are all single varieties and make wonderful bedding plants since they do not grow over 18 inches in height and are of brilliant colors. They begin to flower in late June and continue to do so all through the Summer until frost cuts the flowers down. Every plant is covered with blossoms from the beginning to the end of the season, and are the showiest flowers in the garden.

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

# GLADIOLI

## CULTURAL DIRECTIONS

The Gladiolus is a flower of easy culture and does well in any soil, but should be planted in full exposure to the sun. They will do well planted in the hardy borders or in front of shrubbery. Many of the best varieties produce small bulbs, and in buying a mixture you will find it much better when the size of the bulbs varies to a considerable degree. The largest bulbs do not always give the best results. It is essential that the bulb should be of blooming age rather than size. 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.

## NAMED VARIETIES OF LARGE FLOWERING TYPES

Varieties marked with an asterisk (\*) are particularly fine for forcing.

**ALBANIA** (Kemp). Pure silver white, with edge of petals daintily ruffled. Faint pink markings on tips of petals. An exceptional variety for every use. \$5.00 per doz., \$40.00 per 100.

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

**AMETHYST**. A remarkably strong, open flower of a deep amethyst color, slightly suffused rose. Beautiful for bedding, as it holds its bloom well, with nearly all flowers open at one time. \$5.00 per doz., \$40.00 per 100.

**BARON JOSEF HULOT**. One of the finest blue Gladioli. A deep violet blue with well-opened flowers. \$1.25 per doz., \$8.00 per 100.

**BLUE JAY**. A light grayish-blue with darker blue markings and having a red stripe on tongue of the lower petals—a distinctive variety. \$3.00 per doz., \$22.00 per 100.

**BYRON L. SMITH**. A magnificent flower of pale hortense violet, with tinted cream throat. \$2.50 per doz. \$18.00 per 100.

**CANDIDUM**. Charming white flowers, wide open on a fine stalk. Tips of petals tinted pink. Splendid for all uses. \$2.00 per doz., \$15.00 per 100.



DAWN (See page 59)



## GLADIOLI—Continued

- CATTLEYA.** Charming soft white, heavily suffused lavender and pink. Large, wide open flowers. \$5.00 per doz., \$40.00 per 100.
- CHARLEMAGNE.** A French novelty, of magnificent sunrise red, marked in throat with creamy white, blazed plum. A most desirable variety. Large flowers on massive spike. \$3.00 per doz., \$22.00 per 100.
- CONSPICUOUS.** Beautiful gray-blue, with darker throat markings and a fine penciling of yellow. Very attractive. \$2.00 per doz., \$15.00 per 100.
- CRACKER JACK.** Large flowers of rich, velvety dark red, throat spotted with yellow and dark maroon. 75c. per doz., \$5.00 per 100.
- CRIMSON GLOW (Betscher).** By far the most beautiful red Gladiolus yet on the market. A perfect scarlet of a deep tone. Very large, open flowers of the finest form and exceedingly well placed on the spike. \$2.00 per doz., \$15.00 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. Its color and texture make it indispensable as a cut flower and for bedding. \$2.00 per doz., \$15.00 per 100.
- \*DAYBREAK.** A charming light pink, with blazed white throat. Magnificent orchid-like variety; dwarf habit. \$3.00 per doz., \$22.00 per 100.
- \*DELICE.** A choice, early variety. Clear, dainty pink, self-colored. \$1.00 per doz., \$7.50 per 100.
- EASTER BELLS.** Fine sulphur-yellow of very graceful form and spike. Very faint markings in throat. We consider Easter Bells one of the best light yellows on the market. \$5.00 per doz., \$40.00 per 100.
- EVERLYN KIRTLAND.** Companion to Gretchen Zang. Charming rose-pink blooms, very long stalk. \$2.00 per doz., \$15.00 per 100.
- FLORA.** One of the best yellows. Pale corn-yellow with delicate lines on lower petals. Very fine spikes of open flowers. Splendid for both house and garden. \$2.00 per doz., \$15.00 per 100.
- GIL BLAS.** Early flowering of dwarf habit. Flowers salmon-rose with bright red blotch on primrose ground. Fine for bedding as well as a cut flower. \$1.00 per doz., \$7.50 per 100.
- GOLDEN KING.** A brilliant golden yellow, with intense crimson blotch in throat, giving a magnificent effect. One of the best of the yellow-throated varieties. \$1.00 per doz., \$7.50 per 100.
- GRETCHEN ZANG.** Tall, graceful spike of soft, pleasing shade of geranium-pink, with carmine throat markings. \$2.00 per doz., \$15.00 per 100.
- \*HALLEY.** A most attractive early blooming sort, with large, well-opened flowers of delicate salmon-pink. Similar in type to the popular Mrs. Francis King. 60c. per doz., \$4.00 per 100.
- HARVARD.** A perfect "Harvard" crimson in color. It is becoming very popular as a cut flower, and is especially effective for table decorations when used with green foliage, because of its long, graceful spike of large, open flowers. \$1.00 per doz., \$7.50 per 100.
- HERADA.** A novelty of true merit. An intense phlox color, shaded pure purple. A tall grower with large flowers, many open at one time. \$2.00 per doz., \$15.00 per 100.
- HORTENSE.** The finest heliotrope Gladiolus on the market. A rich fuchsia-mauve in color, large, open flowers of great substance. \$5.00 per doz., \$40.00 per 100.
- \*INDEPENDENCE.** A brilliant begonia-pink, with richly marked throat. A long spike of wax-like flowers. One of the best because of its color and the lasting quality of the bloom. 60c. per doz., \$4.00 per 100.
- JACINTHE.** One of the most valuable of the orchid-shaded Gladioli. A clear iris-lavender with a carmine-purple throat, beautiful in combination with Primulinus hybrids. \$5.00 per doz., \$40.00 per 100.
- \*LILY LEHMAN.** No white Gladiolus equals this variety. A Lily in both name and form, of a pure glistening white, with just a tinting of pink on tips of petals. \$1.25 per doz., \$10.00 per 100.
- L'IMMACULEE (New).** A truly wonderful spike of pure white flowers, with wax-like texture and with great keeping qualities. \$1.50 per doz., \$10.00 per 100.
- LOVELINESS.** This variety produces flowers of distinction in daintiness and beauty, as the name implies. Color a clear, cream-tinted sulfrano-pink. \$2.00 per doz., \$15.00 per 100.
- MADONNA (New).** The finest white Gladiolus yet introduced. Immense blooms of pearly whiteness, absolutely without markings. \$5.00 each.
- \*MAIZE.** A valuable addition to the list of light colored Gladioli. A soft, light corn-color, tinted rose, with slender tongue of fuchsia-red on lower petals. \$2.00 per doz., \$15.00 per 100.
- MARY FENNELL.** One of the patricians of the garden. Beautiful, light lavender flowers on a tall, slender spike, lower petals penciled with primrose-yellow. \$2.00 per doz., \$15.00 per 100.



HARVARD

## GLADIOLI—Continued



PINK WONDER

**MISS HELEN FRANKLIN.** New variety of the ruffled type, a good white with violet markings on the lower petals, vigorous, tall spike with from six to ten flowers open at one time. \$1.50 per doz., \$10.00 per 100.

**MRS. BEECHER.** Deep rosy-crimson, with white throat. Large flowers. 75c. per doz., \$6.00 per 100.

**MRS. DR. NORTON.** A pure, soft white, with tips of petals suffused La France pink. Quite the most beautiful variety of this type on the market. Highest awards in its class wherever shown. \$2.00 per doz., \$15.00 per 100.

**\*MRS. FRANCIS KING (The Original).** A most beautiful "Besnard shade" flame-pink. Immense flowers on a spike growing 4 feet high, with from eighteen to twenty flowers, six to eight open at one time. 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. \$1.00 per doz., \$7.50 per 100.

**MRS. FREDERICK C. PETERS.** Beautiful shade of rose-lilac, with crimson blotch, bordered white on lower petals, resembling an orchid in color. Flowers are of large size, and many open at a time on a strong spike. \$5.00 per doz., \$40.00 per 100.

**\*MRS. WATT.** Glowing American Beauty shade, self color, well-opened flower. Nearly all flowers open at one time, spike very erect and not too stiff. Very distinct variety. \$1.00 per doz., \$7.50 per 100.

**MYSTERY.** A superb, dark reddish-purple, very graceful spike, and a great favorite. Wonderfully effective in large vases. \$5.00 per doz., \$40.00 per 100.

**\*NIAGARA.** A light crocus-yellow, throat shaded deeper. Large open flowers on a strong spike. One of the very best. \$1.00 per doz., \$7.50 per 100.

**NORA.** Beautiful lavender-blue with darker spot on lower petals. \$3.00 per doz., \$22.00 per 100.

**ORANGE GLORY (Kund.)** Striking orange coloring. Large beautiful blooms. \$3.00 per doz., \$22.00 per 100.

**\*PANAMA.** The companion to America, which has become very popular. A perfect hermosa-pink in color with large, wide-open, wax-like flowers. \$1.00 per doz., \$7.50 per 100.

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

**\*PINK PERFECTION.** In color a true La France pink. Its soft coloring and magnificent bloom make it one of the choicest of the newer varieties. \$2.00 per doz., \$15.00 per 100.

**PINK WONDER (Kemp).** The sensational new pink Gladiolus, in color a shade lighter than Panama, base of petals light corn-yellow, feathered rose. This wonderful Kemp production is the finest of the pink varieties. \$5.00 per doz. \$40.00 per 100.



MRS. FRANK PENDLETON

## GLADIOLI—Continued

**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. The tips of petals shaded darker or apricot-buff. A novelty of great value, eight or ten blooms open at one time on a long, graceful spike. \$2.00 per doz., \$15.00 per 100.

**PRINCEPS** (Known as the Thousand-Dollar Gladiolus). Amaryllis-like flowers of a rich dark scarlet, marked with white on the lower petals. Foliage of a beautiful dark green, and very attractive. \$1.00 per doz., \$7.50 per 100.

**PURPLE GLORY.** Dark velvety-maroon, with touches of black on edges of petals. Very unusual. \$1.00 per plant, \$10.00 per doz.

**RED WING.** Glowing deep scarlet, solid self color. Beautiful in vase or garden. \$3.00 per doz., \$22.00 per 100.

**ROSE GOLD.** Soft salmon rose, with dark brown marks on the lower petals. A flower of special merit. \$5.00 per doz., \$40.00 per 100.

\***ROUGE TORCH.** Large, creamy-white flower, with a rouge, torch-like tongue on inferior petals, making a striking contrast. \$2.00 per doz., \$7.50 per 100.

**SCARSDALE.** Long, graceful spike of wide-open flower. A deep jacinth, shading to lavender-iris with rose tints. \$1.00 per doz., \$7.50 per 100.

**SCHWABEN.** This is the largest and strongest flowered yellow Gladiolus. A clear citron-yellow with aster-purple tongue on lower petals. Buds sulphur yellow. \$1.00 per doz., \$7.50 per 100.

**SULPHUR KING.** A long spike of clear sulphur-yellow flowers. \$2.50 per doz., \$20.00 per 100.

**SUNRISE.** This exquisite canary-yellow Gladiolus is invaluable as a cut flower and for bedding. Long spikes of dainty flowers, clear color with no marking. \$2.00 per doz., \$15.00 per 100.

**SUNSET.** A rich cream color, suffused with rose. Dark carmine almost brown throat. Very unusual and strikingly beautiful. \$5.00 per doz., \$40.00 per 100.

**VELVET KING.** Large, open flowers of gorgeous scarlet, suffused rose. Very unusual and splendid for masses of color. \$1.00 per doz., \$7.50 per 100.

**WAR.** Deep blood-red, shaded crimson-black, wide-open flowers. \$1.00 per doz., \$7.50 per 100.

**WHITE GLORY.** A very striking variety, tall and showy. Color a clear, solid white, with dark iris-blue tongue on lower petals. In appearance it is like an Iris. \$3.00 per doz., \$22.00 per 100.

**WHITE WONDER** (Kemp). A superb white with lily-like flower, having the same habit as the very popular variety Mrs. Francis King. Flowers pure white without markings. Splendid for forcing and a marvel for the garden. \$3.00 per doz., \$22.00 per 100.



PRINCEPS

**WINE KING.** Most pleasing wine-red, with purple tints and very dark red throat. Not a large flower but especially good in color and form, and a great favorite. \$2.00 per doz., \$15.00 per 100.

\***WILBRINK.** This variety has everything to recommend it. Immense blooms of a delightful flesh pink, on a graceful spike. An early and profuse bloomer. A few spikes make a splendid decoration. \$2.00 per doz., \$15.00 per 100.

**WISTARIA.** Pale lavender, suffused violet, with darker throat. One of the few good bluish-lavender varieties. \$5.00 per doz., \$40.00 per 100.

\***YELLOW PRINCE.** A choice addition to the yellow Gladioli. A clear pinard yellow with flowers well placed on a willowy stalk. Fine in combination with all lavenders. \$2.00 per doz., \$15.00 per 100.

**AMATEUR MIXTURE.** Includes all 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.

## GLADIOLI—Continued

NAMED VARIETIES of *Primulinus* Hybrids

**ALBIA.** Very rich rose-pink with lighter throat and delicate markings. \$2.50 per doz., \$18.00 per 100.

**ALICE TIPLADY.** The queen of the *Primulinus* type. A soft, coppery bronze. In color, texture, and contour nothing surpasses this variety. \$1.50 per doz., \$10.00 per 100.

**ALOAKA.** Rose with gold tints. Glowing coloring, which grows better as the entire spike comes into bloom. \$5.00 per doz., \$40.00 per 100.

**ANGOLA.** Exquisite flowers of salmon-pink on long stalk. \$1.50 per doz., \$10.00 per 100.

**ANITA.** Rich canary-yellow with deeper throat. Many open flowers. \$2.00 per doz., \$15.00 per 100.

**COPPER KING.** Unusual coloring. Copper tinted red. Large flowered of fine form on long stems. One of the best of the hybrids. \$1.00 each, \$10.00 per doz.

**DEXTER.** Purest blush pink, tinted rose, throat cream yellow with no markings. One of the most popular. \$2.50 per doz., \$18.00 per 100.

**GOLD DROP.** An extra large, pure deep yellow, with beautiful red line on petals. \$2.00 per doz., \$15.00 per 100.

**JASPER ROSE (Novelty).** Most unusual in color and form. Deep rose with Jasper tints. Large hooded blooms of great beauty. \$3.00 per bulb.

**LORD NELSON.** Fascinating blooms of deep buff or apricot, on long, graceful stems. \$1.50 per doz., \$10.00 per 100.

**LINTON.** Flowers of salmon-rose, edge of petals deeper shade. Profusion of blooms and a joy in every garden. \$2.00 per doz., \$15.00 per 100.

**MAIDEN'S BLUSH.** Enchantress pink flowers of finest form on stiff, slender stalk. Quite the most beautiful pink variety. \$2.00 per doz., \$15.00 per 100.

**MIDSUMMER DREAM.** Splendid, deep geranium-rose flowers on a very graceful spike. Especially fine for home use. \$2.50 per doz., \$20.00 per 100.

**ORIENT BEAUTY.** Luscious apricot-pink blooms, tinted soft yellow. A coloring not often found in garden flowers. In vase or basket, these are a glowing mass of color. \$10.00 per doz.

**PRIMULINUS.** A rare species from Victoria Falls, South Africa. Small flowers of a primrose-yellow. Fine in the border with perennials. \$1.50 per doz., \$10.00 per 100.

**PRIMUNELLA.** Wide open butterfly blooms of softest rose-pink with clear cream throat, no markings. One of the best. \$5.00 per doz., \$40.00 per 100.

**ROANOKE.** Splendid, rich yellow *Primulinus* hybrid, open flowers with crimson lines in throat. One of the best yellows, of fine form. \$1.50 per doz., \$10.00 per 100.

**ROSE FAWN (New).** Exquisite shade of salmon-buff, with pink tints, slight throat stripes. Beautiful dainty flowers of true *Primulinus* type. \$10.00 per doz.

**SENECA.** Delicate pink, opal tints on yellow. \$2.00 per doz., \$15.00 per 100.

**SIMPLICITY.** Soft, creamy yellow, heavily suffused salmon. Beautiful for every purpose and one of the most charming varieties. \$2.00 per doz., \$15.00 per 100.

**VIKING.** Opal red suffused rose. Dainty blooms on very delicate stems. A rare flower in both color and form. \$5.00 per doz., \$40.00 per 100.

**\*PRIMULINUS HYBRID MIXTURE.** 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



PRIMULINUS HYBRIDS

# ROSES FOR OUTDOOR PLANTING

## Cultural Notes

The cultivation of Hybrid Tea Roses is as follows:

### THE SOIL

The soil which best suits the Rose is a deep, unctuous loam, with free drainage, as Roses do not thrive where there is stagnant moisture. If these conditions are not to be had naturally, they must, as far as possible, be provided. In the first place, if drainage is bad, the soil must be thrown out to a depth of 18 inches, and, if it is not convenient to use tiles, about 5 or 6 inches of broken bricks or other rough material should be thrown in the bottom, and a layer of turf laid on top, grassy side down. On the top of the turf should be placed a layer of well-decayed farmyard manure, then a light layer of soil, and another layer of manure, on top of which should be placed the remainder of the soil, to which, if light and sandy, should be added a liberal supply of well-chopped-up turf, raising the whole of the bed to a height of about 12 inches above the original level of the soil. In case of heavy land, a layer of lime rubble should be added, as this will help to sweeten the soil.

### PLANTING

Should be deferred until the soil is in proper condition to receive the plants, as it is a great mistake to plant in wet soil. Teas and Hybrid Teas should be planted about 18 inches apart and the Hybrid Perpetuals 2 feet apart, keeping all manure away from direct contact with the roots when planting. Firm the soil well around the plants and give a thorough watering.

### PRUNING

All the short, prematurely ripened wood and all small shoots should be cut clean away, leaving just the strongest shoots from 4 to 6 inches long. Pruning should be done immediately after the plants are set out, if it has not been previously done.

This close pruning does not apply to the Hardy Climbers or Ramblers; these should be shortened back if they have grown beyond their allotted space and thin out the very small shoots.

### PROTECTION

Before the ground freezes solid the soil should be pulled up around the base of the plants, 7 or 8 inches, and the surface of the bed afterward well covered with dried leaves or cornstalks. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy as far north as Winnipeg.

### INSECTS

Caterpillars and rose grubs are the worst pests that attack Roses, and these should be destroyed by hand picking when they first appear. Green flies are also troublesome in most sections, but if the plants are syringed carefully with a solution of soft soap in the proportion of one pound to six gallons of water with some tobacco dust added to the same, it will be found effective.

### MILDEW

This will appear on Rose plants in the early Autumn or during the Summer if the weather is very, very wet. The best preventative is Sulphide of Potassium used in the proportion of  $\frac{1}{4}$  ounce to a gallon of water and sprayed on the foliage once a week, when the mildew first makes its appearance.



AMELIA de BETHUNE

## Recent Rose Novelties for 1925

### AMERICA

Blooms continuously from early May until heavy frost, on stems  $2\frac{1}{2}$  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. It is of Ophelia habit in the fact that it is disease resistant, always having a clean, glossy foliage at all seasons of the year. It rivals the American Beauty in size of flower, and we strongly suggest that if you are looking for a marvelous Rose you will make no mistake in growing America.

**Price: \$1.50 per plant, \$15.00 per doz.**

### AMELIA de BETHUNE

(Pernet-Ducher)

Color very much on the style of Mme. Edouard Herriot—coral red shaded with yellow at the base—but a much larger, more double flower.

**Price: \$1.50 per plant, \$15.00 per doz.**



ELDORADO (Land of Gold)

## ELDORADO (Land of Gold)

An exact reproduction of Miss Lolita Armour in every way except color. This is of a golden yellow, with the petals slightly tinted red.

**Price: \$1.00 per plant, \$12.00 per doz.**

## ANGELE PERNET

(Pernet-Ducher)

This latest introduction of Mr. Pernet-Ducher will be sent out simultaneously this Fall by Mr. Pernet in Europe and by us in the United States and Canada. Entirely distinct and novel in color, described by the raiser as a vivid orange-yellow shaded fiery deep reddish-apricot, but tango color we think describes it better. It is a moderately strong grower, producing a long bud opening to a medium full flower, which on account of the incurving form of the petals rarely shows a center; it is a beautiful, sweet scented flower that at once attracts attention.

**Price: \$5.00 each per plant**

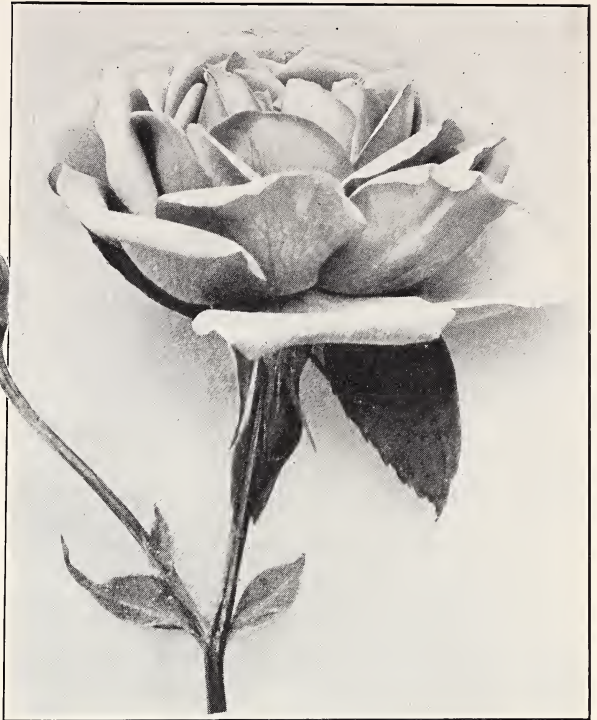
## IMPERIAL POTENTATE (Clarke Bros.)

Splendidly shaped buds, opening to well-formed, large, double flowers of crisp, glistening rose-pink with silvery suffusion at the base of the petals, sweetly scented. At the International Rose Test Garden, at Portland, Oregon, this variety was awarded the Silver Medal of the American Rose Society, the Gold Medal of the City of Portland for the best bush Rose shown, and the Silver Trophy of the Portland Chamber of Commerce for the best Rose produced in 1923 on the Pacific Coast.

**Price: \$1.50 per plant,  
\$15.00 per doz.**

## MME. ALEXANDER A. DREUX

Golden bronze with scarlet shadings, the most superb and striking color ever seen in a Rose. Everyone who has seen it growing in our establishment is delighted with it, and



IMPERIAL POTENTATE



PADRE

we predict that when it can be had in any quantity, it will dominate the gardens on account of its remarkable color. Clean, healthy grower and very free flowering all through the season. So far it has not shown a trace of mildew, black-spot or any other disease, and anyone looking for a unique novelty Rose will make no mistake in growing Mme. Alexander A. Dreux. Stock very limited this year.

**Price: Two-year-old plants,  
\$5.00 each, \$50.00 per doz.**

## PADRE (R. R. Cant)

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.

**Price: \$1.50 per plant,  
\$15.00 per doz.**





PRESIDENT CHERIOUX

## PRESIDENT CHERIOUX

(Pernet-Ducher)

One of the most beautiful of this season's varieties of Mr. Pernet-Ducher, a beautiful shade of prawn-red and salmon pink shaded with yellow; large, full, splendidly formed, globular flowers, a strong, vigorous grower and very free flowering.

**Price: \$1.50 per plant, \$15.00 per doz.**

## 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. One of the most fragrant of the entire list of Garden Roses.

**Price: \$1.00 per plant, \$12.00 per doz.**

## SOUVENIR DE GEORGES PERNET

While this is not as sensational in color as the Claudius Pernet we know it is one of the most promising bedding Roses offered in many years. It is wonderfully vigorous in growth and freedom of bloom. The color of the flowers, which are exceptionally large and of globular form, is a brilliant orient-red, shading to cochineal-carmine at the end of the petals and the entire Rose is suffused with a golden sheen, making it one of the most attractive colored Roses that has been offered in many years.

**Price: \$1.50 per plant, \$15.00 per doz.**

## 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. This is the first year of introduction, but we feel confident H. A. Verschuren will be with us for many years to come as an ideal, hardy Rose.

**Price: \$1.50 per plant, \$15.00 per doz.**

## SENSATION

The color is an entrancing shade of red. The bud long, pointed and the open flower beautiful, with extreme size and good color to the last.

As large and more prolific than Premier. Well supplied with heavy, luxuriant foliage. The flowers are fine any season of the year. The stems are long, jointed and strong, with ample foliage. A good keeper and shipper.

Has been hailed by the Rose growers as the Rose they have been waiting for for years, because all other red Roses introduced to date lack freedom of bloom.

**Price: \$1.00 per plant, \$12.00 per doz.**

## SOUVENIR DE CLAUDIUS PERNET

With the fourth year of its introduction this is still the premier yellow Rose for the garden. 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.

**Price: \$2.00 per plant, \$20.00 per doz.**

## THE QUEEN ALEXANDRA

(McGredy)

A brilliant flower of intense vermilion, deeply shaded old gold on reverse of petals, which spring from a pure orange base; one of the most remarkable color combinations seen in Roses. The flowers are quite full and when half blown are bewildering in their beauty, delightfully sweet scented.

**Price: \$1.50 per plant, \$15.00 per doz.**

Two-year-old dormant plants, delivered March and April.

For those who cannot plant their garden before May or June we will have pot plants of these varieties, two-year-old stock in full leaf, that will flower almost immediately after being planted, at the same price.

# Hardy Garden Roses

The general demand nowadays in Hardy Roses is for the Hardy Hybrid Tea type, since they give the greatest number of flowers during the season.

All of the varieties we list we have tested personally in our gardens, and they have been found satisfactory in practically all sections of the country.

In our list we include a few of the old-time favorites of the Perpetual type, such as Frau Karl Druschki, Paul Neyron, etc., that are sometimes asked for by our customers.

Under ordinary conditions of culture any of the varieties selected from the following list will give quantities of flowers, and are splendid, clean, healthy growers.

## HYBRID TEA ROSES

Price: \$1.00 each, per plant, \$12.00 per doz., \$90.00 per 100, except where noted.

### AMELIA GUDE

The buds are long and pointed and as yellow as Mrs. Aaron Ward. The open flowers resemble Sunburst. A great improvement over either Rose in productiveness. Easy culture. Either as a bud or open flower this Rose is charmingly beautiful.

### AMALIE DE GREIFF

Rose-color, tinted white; blooms long and shapely. Splendid variety for cutting. Clean foliage.

### BEAUTE DE LYON

A Polyantha or Austrian Briar Rose. Superb coral-red, slightly shaded yellow. A splendid acquisition for any garden.

### BETTY

Coppery-yellow, overspread with golden rose; long, pointed buds.

### CAROLINE TESTOUT

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

### COLUMBIA

One of the finest of the outdoor pink Roses, so far introduced. It is strong and sturdy in growth, with handsome foliage which is almost immune to the ravages of black spot and mildew. The color is a glowing pink, and unlike most pink flowers, when it is fully developed, it is more vivid in color than in the bud state and the flowers last longer than any other variety.

### CONSTANCE

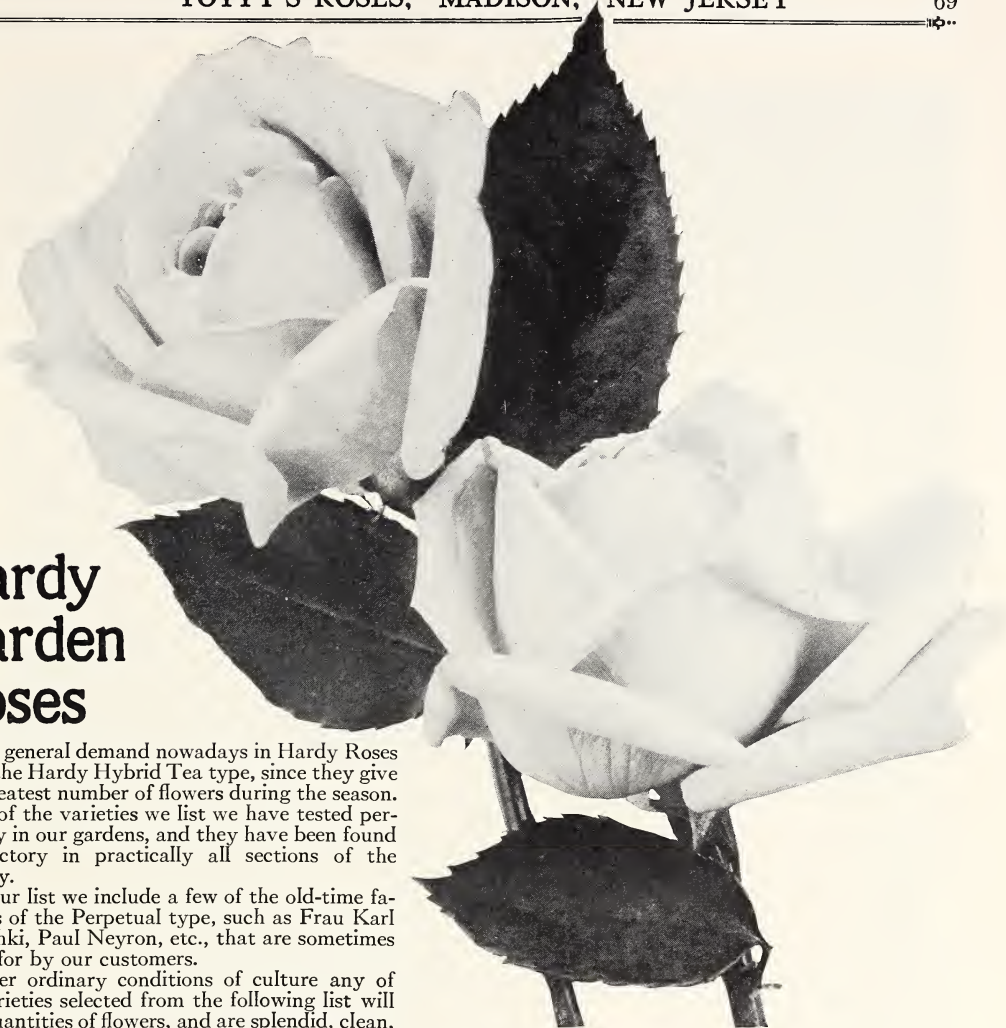
Long, orange-yellow bud; streaked with crimson; large, full flower; a greatly improved Rayon d'Or.

### DUCHESS OF WELLINGTON

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

### FRAU KARL DRUSCHKI

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



## HYBRID TEA ROSES—Continued



ROSE HUGONIS

**FLORENCE PEMBERTON**

Large, creamy white, flushed peach, very productive in Summer and Fall. Bright glossy foliage.

**GENERAL MACARTHUR**

Deep velvety scarlet; free and erect branching.

**GEORGE ARENDS**

Rose-colored, very free and fragrant. Perpetual type.

**GOLDEN EMBLEM**

A perpetual blooming Rose of deep orange when first opening, flushed claret-red, and opening to a pure sulphur-yellow. It surpasses Marechal Niel in form and striking color. Ideal in growth and habit; a most striking Rose.

**GRUSS AN TEPLITZ**

Brightest scarlet-erimson; splendid Rose for massing.

**HARRY KIRK**

Deep sulphur yellow; medium sized blooms.

**HOOSIER BEAUTY**

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

**HUGONIS**

A remarkably hardy variety, blooming the first week in May, and growing about 6 feet in height; single, dainty yellow flowers, growing on the branches like Hollyhocks. Immune from diseases of all descriptions. \$1.50 each, \$15.00 per doz.

**J. K. 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.

**KAISERIN AUGUSTA VICTORIA**

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

**KILLARNEY**

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

**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 PIRRIE**

Outside of petals, deep coppery reddish-salmon, inside of petals flushed fawn on copper; large, full, long-pointed flowers, opening freely and flowering in immense profusion.

**LAURENT CARLE**

Deep rosy-carmine, full flowers, very fine grower.



LAURENT CARLE

## HYBRID TEA ROSES—Continued



MADAME BUTTERFLY

## LOS ANGELES

Growth, very vigorous, flowers luminous flame-pink toned with coral, with lighter shadings at the base; buds are long and pointed and expanding to a flower of mammoth proportions. Very fine form. Vigorous foliage. \$1.50 per plant, \$15.00 per doz.

## LOUISE CATHERINE BRESLAU

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

## MARY, COUNTESS OF ILCHESTER

Deep coppery-carmine, very full and free flowering.

## MADAME BUTTERFLY

A glorified Ophelia. It is altogether more vigorous in growth than its parent Ophelia, as grown side by side in our establishment. Foliage and habit can be most quickly described as unsurpassed by any existing variety. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold.

## HYBRID TEA ROSES—Continued



ROSE MME. EDOUARD HERRIOT

**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 two seasons in Europe.

**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.

**MME. SECOND WEBER**

Pure, light rosy-salmon; vivid center.

**MRS. AARON WARD**

A general favorite, rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

**MRS. JOHN LAING**

Soft pink, well formed, one of the best. Perpetual type.

**MRS. WAKEFIELD CHRISTIE-MILLER**

Soft, pearly blush, shaded salmon, loose flowers of very distinct appearance.

**MRS. A. R. WADDELL**

Reddish-salmon in color; strong grower and very healthy in habit.

**PAUL NEYRON**

One of the Perpetual type, or June Rose. Deep rose in color, immense in size of flower and very hardy and vigorous in growth.

**PREMIER**

Rose Premier is a cross between Ophelia and Russell. It has the stiff, thornless stem and quick free growth of Ophelia, with ample foliage, approaching Ulrich Brunner or American Beauty in arrangement and size of leafage. The habit is perfect for a forcing Rose; the breaks come quickly and are of fine length, every one producing a flower, even the shorter stems giving fine quality of bloom.

**QUEEN OF FRAGRANCE**

Pale shell-pink tipped silvery pink, very free flowering and one of the most fragrant varieties introduced to date. Awarded a certificate by the National Rose Society.

**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**

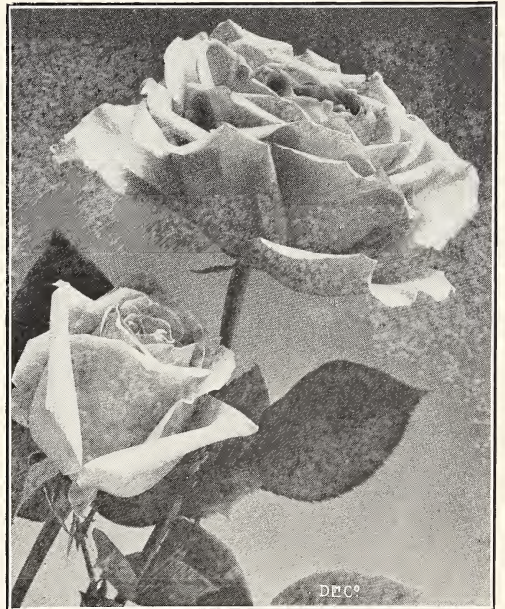
A duplicate of its parent in every respect save color, which is a brilliant red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.

**SUNBURST**

The bud is long and pointed and when first opening is a deep shade of orange-copper. When fully developed, in common with almost all other yellow Roses, the color is somewhat lighter.

**ULRICH BRUNNER**

Cherry-red; very large and of fine form. Perpetual type.



ROSE PREMIER

# 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 doz.



CORAL CLUSTER

## CECILE BRUNNER

(The Sweetheart Rose)

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

## CORAL CLUSTER

The most brilliant coral-pink Polyantha Rose introduced to date. This variety comes to us from England, and is one of the very finest of its type.

## CHATILLON ROSE

Color, silvery crimson, shading to white in center, produced in great sprays of from fifteen to thirty flowers on a branch, and remain in good condition without shedding a petal for several weeks.

## ERNA TESCHENDORFF

Deep crimson which does not fade; a valuable sport from Levavasseur.

## 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.

## JESSIE

Glowing crimson; the finest red to grow.

## KATHERINE ZEIMET

Pure white; small and double; very free and good.

## LAFAYETTE

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

## ORLEANS ROSE

Brilliant rosy-red; immense trusses of bloom.

## PHYLLIS

Bright carmine-pink, of erect, branching growth; one of the freest and finest in this section.

## CLIMBING ROSES

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

### 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 variety retains its foliage much later than most varieties.

### CARISSIMA

Delicate flesh-pink, a dainty variety in every way.

### 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 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.

### 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.

### DOROTHY PERKINS

Clear, bright pink, trailing growth, profuse bloomer.

### 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.

### GARDENIA

Bright yellow, changing to creamy white.

### 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.



HIAWATHA

### LADY GAY

Delicate pink; larger in flower than Dorothy Perkins.

### 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.

### TAUSENDSCHOEN

Delightful shade of soft pink when first opening; produces in clusters of ten to twelve flowers. One of the very finest of the entire climbing section.



## HALF STANDARD ROSE ORLEANS

Every year we receive many requests for Standard Roses from customers who have seen them in splendid growth in Northern Europe. The tall stems, 6 to 7 feet high, budded on Rugosa stocks, are very unsatisfactory in most cases and occasion only loss and disappointment to the purchaser. The Half Standards illustrated are much more hardy, are easily protected and the variety shown, "Orleans," is never out of bloom from Spring till late in the Fall. The color is rosy-red with tremendous trusses of bloom. Height of the plant 2½ feet.

**\$2.50 each per plant,**  
**\$25.00 per doz.**



HALF STANDARD ROSE ORLEANS



BUXUS SEMPERVIRENS

## HARDY BOXWOOD (BUXUS SEMPERVIRENS)

We have a first-class block of Boxwood for Spring planting. This stock is now four years old and is the true *Buxus sempervirens* growing here in our own establishment. It is naturally grown, running from 15 to 20 inches in height, and is splendidly rooted. Too much Boxwood has been sold that is shipped long distances from the South and far West and the hardiness of which cannot be vouched for. If you are needing Boxwood, be sure to get the true sempervirens.

**\$1.50 each, \$16.00 per doz.,**  
**\$125.00 per 100**

**Special price on 1000 lots**



## Hardy Perennial Plants

One of the lures of gardening is that the goal of perfection is always beckoning to us from next year's garden. No sooner does the frost and cold end one season of bloom and loveliness than we begin to plan that next year's garden shall be more glorious and beautiful than ever. This means the addition of new varieties and the increasing of preferred ones already in the garden to create a blaze of color, or fill spaces that have not been particularly pleasing.

Let us help you make your gardens and borders reach the perfection of which you dream, for next year. We are always glad to help with planting problems and to assist with cultural directions. The plants listed below are field grown clumps guaranteed to give satisfaction the first season.

**Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100, unless otherwise stated.**

### *ACHILLEA* (Yarrow)

**PTARMICA FL. PL., "THE PEARL."** Pure white, double flowers; one of the very finest things ever sent out; produces profusely the entire Summer. Splendid for cut flowers. 2 feet.

### *ACONITUM* (Monksblood)

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

### *EGOPODIUM*

**PODAGRARIA VARIEGATA.** A quick growing plant with green and yellow foliage, which does well in all sections; splendid border plant. 1 foot.

### *AGROSTEMMA* (Rose Campion)

**WALKERII.** Brilliant rose-crimson; excellent for cutting. 2½ to 3 feet. June and July.

**CORONARIA ALBA.** Pure white, with hairy, silver leaves. 2½ to 3 feet. June and July.

### *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.

### *ANCHUSA* (Alkanet)

**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.

## HARDY PERENNIAL PLANTS—Continued

**ANTHEMIS** (*Hardy Marguerite*)

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

**ARABIS** (*Rock Cress*)

**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.

**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.

**CÆRULEA.** Violet-blue and white. 2 feet.

**CALIFORNIA HYBRIDS.** Very beautiful hybrids; sepals and petals tinged with orange, with long spurs of orange-red. 2 to 2½ feet.

**CHRYSANTHA.** Golden yellow variety; sepals primrose yellow, petals deeper yellow, shaded with claret at the tip. 3 feet.

**ROSE-PINK.** A beautiful selection of long-spurred pink and rose shades. 2 feet.

**TOTTY'S LONG-SPURRED HYBRIDS.** Distinct, long-spurred hybrids, very strong in growth; flowers very long in size, varying in color, creamy white, pink, pale blue, etc.



AQUILEGIA

**Hardy Asters, Michaelmas Daisies**

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. Late August and September.

**CLIMAX.** Beautiful light blue, and when full grown, will measure 2 inches across. 4 feet high.

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

**RYECROFT PURPLE.** Very strong grower; flowers 2 inches across, freely produced. Height 5 feet.

**TATARICUS.** Distinct, large, bluish-violet variety. Very late blooming kind. Height 6 feet.

**WM. BOWMAN.** Rosy-purple that is satisfactory under all conditions and one of the very best known of this type. Height 4 feet.

**WHITE CLIMAX.** Pure white form of the favorite Climax. 4 feet high.

**ASSORTED SEEDLINGS.** Consisting of a mixture of pale-blue, deep blue, lavender, rosy-pink, etc., which make a wonderful show in the garden or border in late August and early September. Height 3 to 4 feet.



HARDY ASTERS

## HARDY PERENNIAL PLANTS—Continued

**BAPTISIA** (*False Indigo*)

**AUSTRALIS.** Splendid border plant, growing about 2 feet high, with spikes of dark blue flowers in June.

**BOLTONIA** (*False Chamomile*)

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

**LATISQUAMA.** Beautiful pink flowers. 5 feet.

**BELLIS** (*English Daisy*)

**PERENNIS.** Double pink, very largely used as a Spring bedding plant. 6 inches. April to early June.

**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.

**BUDDLEIA**

**VARIABILIS 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.

**VARIABILIS MAGNIFICA.** Similar to the above, only difference being the flower is a deeper color, shading toward rose.

**CENTAUREA** (*Knapweed*)

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

**CAMPANULA** (*Canterbury Bells*)

Any of the list mentioned below will give splendid results in the average garden or rockery.

When potted and allowed to flower indoors, they are among the most popular Spring flowering subjects.

**BLUE.** Single type.

**WHITE.** Single type.

**PINK.** Single type.

**CALYCANTHEMA.** (Cup and Saucer variety). White, rose and blue, splendid when grown in a small group or in masses. Height 3 feet.

**MEDIUM.** Assorted colors; white, pink and mauve. Single varieties in same colors. Height 2½ to 3 feet.

**CARPATICA.** A pretty species growing from 5 to 8 inches, flowering mid-June to mid-October; unsurpassed as a rock plant.

**PERSICIFOLIA ALBA** (White Peach Bells). 2 feet high.

**PERSICIFOLIA BLUE** Blue form of above. 2 feet high.

**CERASTIUM**

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

**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*)

**MRS. CHARLES L. BELL.** A fine, improved form of English Daisy, blooming continuously during the months of June and July, and attains a height of about 2½ feet.

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

**CLEMATIS PANICULATA** (*Japanese Virgin's 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 doz.



**CHRYSANTHEMUM** (*Shasta Daisy*)

## HARDY PERENNIAL PLANTS—Continued

**COREOPSIS** (*Tickseed*)

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

**DELPHINIUMS**

For many years we have made a specialty of this plant and the four types described below will give great variation in color, height, size of bloom and flowering periods, and if the plants are properly cut back when the blooms have faded, there will be several crops of flowers through the season. 50c. clump, \$5.00 per doz., \$35.00 per 100.

Before planting Delphiniums loosen the soil to a depth of 8 to 10 inches. Place the plant in the ground just as deep as it has been growing before. Spread out the roots and firm the soil well after planting and water at once. Do not use any manure. A light sprinkling of lime in the Spring and Fall will prevent the black rot. For Winter protection, cover after the ground is frozen with straw or marsh hay. Do not cover with leaves or manure, as these rot the crowns. A handful of bonemeal may be worked in near the plant after it is well established. Be sure they do not suffer from drought the first year.

**HYBRIDS.** These are the seedlings from some of the finest of the named European varieties and give a wonderful range of color, shading from pale blue to royal purple, through the most marvelous shades of azure, gentian blue and sapphire. The spikes attain a height of from 5 to 6 feet, with several to each clump.

**BELLADONNA.** Sky-blue, beautiful sprays; large flowers with white centers, one of the best known. Medium height 2 to 3 feet.

**CHINENSE BLUE.** Clear bright Chinese blue; a splendid carrying color in the garden. Very vigorous grower. 20 to 24 inches high.

**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.

**DIANTHUS**

**ALWOODII.** Perpetual flowering, hardy Carnations, flowering continuously from Spring until Fall. Very sweetly scented and cannot be surpassed for cut flowers. All colors in this assortment.

**JEAN.** Pure white, with a deep violet center. A distinct and handsome flower, which is produced in large trusses.

Single Mixed.  
Double Mixed.  
Double White.

**DICTAMNUS** (*Gas Plant*)

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



DELPHINIUM



**DIANTHUS ALWOODII.** (See page 79)

**HARDY PERENNIAL PLANTS—Continued**

**DIELYTRA** (*Bleeding Heart*)

**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. 1 to 2 feet. 75c. per plant, \$7.50 per doz. April and May.

**DIGITALIS** (*Foxglove*)

The lovely Foxgloves with their stately spikes of lovely, oftentimes spotted flowers must be considered among the most charming objects of the hardy border and rockery. They thrive best in partly shaded situations, have an iron-clad constitution and live for years, increasing in size and beauty as time rolls by. June and July.

**GLOXINIÆFLORA** (*Gloxinia Flowered*). Assorted strain of spotted varieties. 5 feet.

**LANATA.** Immense spikes of yellowish-gray flowers. 3 feet.

**EUPATORIUM** (*Hardy Ageratum*)

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

**ERYNGIUM** (*Sea Holly*)

This plant produces flowers in August and September, which may be cut and dried for Winter bouquets.

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

**FUNKIA** (*Plantain Lily*)

**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, with edges of petals bright golden yellow.

**GALEGA** (*Goat's Rue*)

**OFFICINALIS.** Purplish-blue, pea-shaped; 4 feet tall. Must have sufficient room for development. June to September.

HARDY PERENNIAL PLANTS—Continued

**GEUM** (*Avens*)

**MRS. BRADSHAW.** A new, large, double, scarlet variety, much better than any of this type previously introduced, blooming the greater part of the Summer and Fall. Height 15 inches.

**GYPSOPHILA** (*Baby's Breath*)

**PANICULATA.** Pure white flowers, splendid for use in decorating and making up bouquets. 2½ feet. June to August.

**FL. PL.** Double form of the above. 50c. each, \$5.00 per doz.

**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 colors 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.

**HELIANTHEMUM** (*Rock Rose*)

**CROCEUM.** Very pretty low-growing evergreen plants, orange-red in color. 6 inches. July to September.

**HELIANTHUS** (*Perennial Sunflower*)

**MISS MELLISH.** Very large, bright yellow flowers. 4 feet high. August and September.

**HELIOPSIS** (*Orange Sunflower*)

**PITCHERIANA.** Daisy-shaped flowers of deep orange color; fine for cutting. 3 feet.

**EXCELSA.** Semi-double yellow. Fine for cut flowers. 2½ to 3 feet.

**ZINNIÆFLORA.** Double flowering type of the orange Sunflower, growing 3 feet high. Flowers July and August.

**HEMEROCALLIS** (*Day Lily*)

**AURANTIACA.** Bright orange Day Lily. 2½ to 3 feet. Blooms in July.

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

**GOLD DUST.** Bright yellow flowers, buds and reverse of petals bronzy-gold, flowering in May and June. 2 to 3 feet high.

**HESPERIS** (*Sweet Rocket*)

Showy, terminal, pyramidal, fragrant white spikes, resembling stocks; blooming from June to August. Splendid for naturalizing in semi-shady places. 2 to 3 feet.

**HIBISCUS** (*Marshmallow*)

**MOSCHEUTOS.** Large, bright pink flowers, on bushes about 4 feet high.

**ALBA.** White form of Moscheutos, growing same height.

**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.

**NEWPORT PINK**  
**SCARLET**

**MAROON**  
**YELLOW**

**IBERIS** (*Hardy Candytuft*)

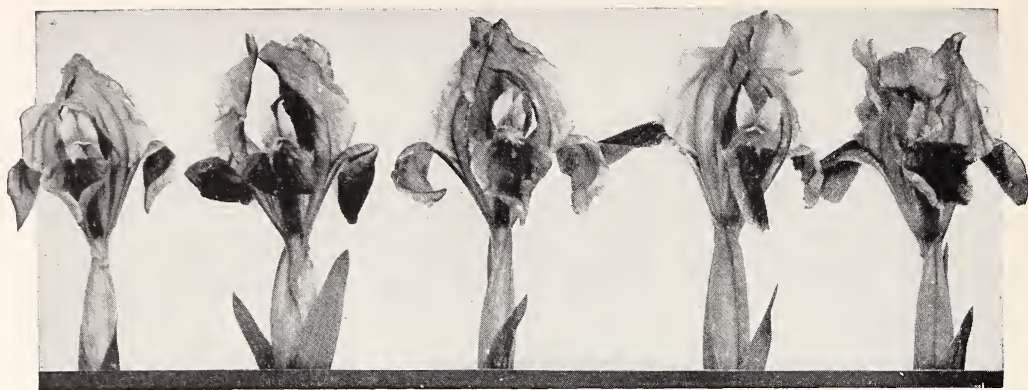
Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage also is quite ornamental, while the flowers, climbing and rambling in all directions, lend a picturesque touch whenever the plants are used.

**LITTLE PRINCE.** Dainty and distinct; beautiful species of snow-white flowers. 6 inches.

**GIBRALTARICA.** Delicate pink; dwarf in habit and completely covered with small pink flowers. Mid-April to mid-May.



HOLLYHOCKS



HARDY PERENNIAL PLANTS—Continued

## Tall Large-Flowering Bearded Flag Iris

### FLEURS-DE-LIS

*"Spend all you have for loveliness,  
Buy it and count not the cost."*

(Sarah Teasdale—A Magazine of Verses).

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 breathtaking. 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.

### DIFFICULT SLOPES AND BANKS

If you have such places to cover and protect, write us for suggestions. The vineyardists of Southern Europe discovered years ago that there is no "wash" in a soil full of Iris roots.

### 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, a notable example being the Iris Path on Admiral Ward's beautiful place.

Plant 3 feet apart and wait for clumps to form; or 1 foot apart for more immediate effect. Barely cover the rhizomes. Planting may be done at any time the ground is open, but the ideal time is through the months of July, August and September. The new growth is then active and the root quickly establishes itself for blooming next season. Late plantings should be mulched with leaves or straw, not manure.

### 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.



## HARDY PERENNIAL PLANTS—Continued

## Some New and Some Less Known Irises

- AFTERGLOW** (Sturtevant). Grayish-lavender, shading to yellow, fine in garden effects. 3 to 4 feet. \$2.00 each.
- 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. \$1.00 per plant.
- 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. Stock limited. \$5.00 per plant.
- AURORA** (Foster). S. and F. pale lilac pink. Large flower on strong, erect stems. Good for isolated clumps. 4 feet. 75c. per plant.
- CORRIDA** (Millet). A plant of great distinction and poise. One of the introducer's best. Pale lavender bloom. 36 inches. \$2.00 each.
- 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.
- 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. Ricardii. Fall delivery only. \$1.50 each.
- 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. \$3.00 per plant.
- 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 yellows. Award of Merit. \$2.50 per plant.
- ELDORADO**. To those who like "art" colors in flowers this will especially appeal. A large flower on slightly flexuose stems, 3 feet tall. S. yellow, brown and heliotrope; F. violet touched with bronzy yellow, while the style arms are clear gold. Fall delivery. 35c. per plant.
- ISOLINE** (Vilmorin). A. M., R. H. S. S. soft yellow-pink; F. deep old rose. A very large flower on 3-foot stems. 50c. per plant.
- JEANNE D'ARC** (Vilmorin). A. M., R. H. S. 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.
- 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. \$2.50 each.
- LORD OF JUNE** (Yeld). Free blooming, huge flowering Iris in pale blue. 36 inches. \$2.50 each.
- MAGNIFICA** (Vilmorin). Certificate, Paris. A tall plant, 4 feet, carrying immense flowers of violet-blue tone; deeper in the falls. The flower measures over 6 inches from tip to tip and is sweetly scented. Said by Vilmorin to be the largest flowered Iris he has ever sent out. Stock limited. \$5.00 each.
- MISS WILLMOTT** (Foster). A fine white, sometimes washed in blue. Flower stem variable in height. A large flower and considered by Sir Michael Foster one of his finest seedlings. It must have sharp drainage and sun. 50c. per plant.
- 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. 35c. per plant.
- 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. 50c. per plant.
- OPERA** (Vilmorin). Certificate, Paris. Of glorious coloring in velvety rich, deep red purples. A fine flower of good shape. 33 inches. Stock limited. \$2.00 each.
- ORIFLAMME** (Vilmorin). Award of Merit, London; Certificate, Paris. Immense handsome flowers of light blue and purple, always admired. \$1.00 per plant.
- PAULINE**. A fine red-purple Pallida, especially pleasing with Aurora. 36 inches. 75c. per plant.
- PARACINA** (Foster). An oncocyclus cross of great interest. S. rich violet and falls heavily netted violet on white ground. With the orange of *Hemerocallis Dumortieri* as a foil, in a warm, well drained corner, it attracts the attention of all who see it. It is perfectly hardy, also free in bloom and growth, given sun and good drainage. \$1.50 each.
- PARVAR**. A close relative of Paracina, but interesting in the differing tones of its rich coloration. \$1.50 per plant.
- PARC DE NEUILLY** (Verdier). A free blooming, deep violet self. The large flowers make a fine, dark mass. 30 inches. 75c. per plant.
- PARISIANA** (Vilmorin). S. white, minutely dotted lilac. At a distance the flower appears with lilac standards and white falls, edged lilac. Large flower on 32-inch stems. 50c. per plant.
- 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.
- 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.
- SOUVENIR DE MME. GAUDICHAU** (Millet). This vigorous plant, with rich purple flowers on 3-foot stems, makes a stunning garden effect. It ranked 9.3 in recent Symposium and is regarded by Millet and others as his finest introduction. An Iris with a future. \$5.00 per plant.
- 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. \$2.00 each.

## SOME NEW AND SOME LESS KNOWN IRISES—Continued

**RICHARD II** (Dykes). Award of Merit, R. H. S. A seedling of Black Prince. Low in stature and very late. S. white; F. black-violet and velvety, with a clear white edge. Placed advantageously, it makes a stunning clump in the rock garden or border when nearly every other Iris has finished blooming. \$2.00 per plant.

**ROSE UNIQUE** (Farr). A deep "pink." The rather small flowers are freely produced and massed with gray white Florentina, give an unusual touch of color at this season. 18 to 20 inches. 50c. per plant.

**SARAH** (Foster). An excellent hybrid. Rather broad, upright foliage; dwarf in habit. Flower large, pearly white, distributing its bloom over a considerable period. Early May. 15 inches. 25c. per plant, \$2.50 per doz.

**SHELFORD YELLOW** (Foster). Flowers larger and plant taller than Aurea, while the color is between that of Flavescens and Aurea. A fine yellow Iris. 50c. per plant.

**TAMERLANE**. S. silvery-blue, with deeper shadings; F. copper-purple, with yellow suffusion in throat. Grows 3½ feet high; one of the largest flowering Iris grown. 50c. per plant.

**THELMA PERRY** (Perry). A vigorous Pallida variety of refined coloring; soft blush; F. rosy-mauve. 36 inches. 75c. per plant.

**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. \$1.50 each.

**WHITE KNIGHT** (Saunders). A clear white of compact and pleasing form. 30 inches. \$1.00 per plant.

## Other Forms of Iris

**IRIS PRISMATICA**. A lovely and unappreciated native Iris. A plant of the "springy" meadows, it is perfectly content and even more free in the ordinary well enriched border. It flowers at the end of the tall-bearded Iris bloom and the fluttering pale blue blossoms remind one of a bevy of dragon flies. The stalk is slender, branching, and 20 inches. 50c. per plant.

**D. K. WILLIAMSON** (Williamson). A cross between two native Irises, Fulva and Foliosa. The plant makes a stunning growth and profusion of red purple bloom for a terrace corner over which

it may freely scramble. It comes into bloom at the end of the bearded Iris, is absolutely hardy; blossom large and arrestingly lovely as a cut flower in a jade green bowl. \$2.50 per plant.

**IRIS WILSONI**. We again have sufficient stock to offer this interesting Iris collected by E. H. Wilson in China. It belongs in the grassy-leaved Siberian class, but is entirely distinct in having a yellow blossom instead of the usual blue and white. In good soil it reaches 3 feet and should be planted where the daintily marked pale yellow bloom may be seen close at hand. \$1.50 per plant.

## Standard Varieties

(Bearded Iris)

**Price: 25c. per plant, \$2.50 per doz., except where otherwise noted.**

**AMAS, or MACRANTHA**. A huge flowered form from Asia Minor. Blooms slightly later than Florentina and the Intermediates. S. bright blue; F. deep purple-violet. This variety is responsible for the great size in some of the later introductions and on this account should be in the collection of those wishing to make seedlings. 2 feet. 35c. per plant, \$3.50 per doz.

**AUREA**. S. and F. soft clear yellow. A very beautiful variety. Try planting it back of the wild Columbine (canadensis). 30 inches. 25c. per plant, \$2.50 per doz.

**BLUE JAY** (Farr). A tall, late blooming variety in good "blues," bright and dark. 3 feet. 50c. per plant.

**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. 25c. per plant.



BLUE JAY

## OTHER FORMS OF IRIS—Continued

**CHESTER HUNT** (Farr). "Blue" Iris, long season of bloom, and lovely planted with Fairy. 75c. each.

**CORDELIA** (True). S. lilac; F. velvety-crimson. Late blooming. 24 to 30 inches. 50c. per plant.

**DALMARIUS**. A highly commended variety. S. satiny-gray; F. lavender with an enormous yellow beard. A large flower, vigorous plant and free in bloom. 30 inches. 25c. per plant.

**DOROTHEE** (Intermediate). S. pearly lavender-gray. F. touched with deeper lavender and whole flower flat like a Japanese Iris. 50c. per plant.

**FAIRY**. White, touched with blue, delightfully fragrant. 36 inches. 50c. each, \$5.00 per doz.

**FLAVESCENS**. Soft, creamy yellow. No Iris is more valuable in the garden. 30 inches. 25c. per plant, \$2.50 per doz.

**FLORENTINA**. The gray-white variety of the old gardens; large, fragrant and early. It makes a pleasing background for Clara Butt Tulips. 28 inches.

**FRITJOF** (Intermediate). A fine, purple bicolor in large flower, with a long blooming season. 50c. per plant.

**GERDA** (Intermediate). Pale yellow, earlier than Flavescens. 35c. each, \$3.50 per doz.

**GERMANICA TYPE** (Common Early Blue Flag). Violet-purple, free flowering and effective with yellow Tulip, Mrs. Moon.

**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. 35c. per plant, \$3.50 per doz.

**INNOCENZA**. S. and F. ivory white, slight reticulation at throat, late blooming and valuable. 26 inches. 35c. per plant, \$3.50 per doz.

**IRIS KING** (New). S. old gold; F. rich maroon-bordered yellow; a beautiful and striking flower—2 feet. 35c. per plant.

**JUNIATA** (Farr). Four-foot stems carry large, violet flowers above noticeably fine flowing foliage. Excellent in every way. 50c. per plant.

**JACQUESIANA**. Standards wine, shaded in copper. Falls red purple-violet, with blackish tones. There is not so much yellow in this flower as in Prosper Laugier, and it is taller in growth. Should be planted with pale yellow or creamy white. 3 feet. 35c. per plant, \$3.50 per doz.

**KOCHII**. S. and F. deep black-purple. An effective early blooming Iris, not so well known as it deserves. 2 feet. 25c. per plant, \$2.50 per doz.

**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. 35c. per plant, \$3.50 per doz.

**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. 35c. per plant.



IRIS MADAME CHEREAU

**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. 35c. per plant, \$3.50 per doz.

**MADAME CHEREAU**. S. and F. white, frilled clear blue; very lovely. 3 feet.

**MANDRALISCAE**. S. deep blue; F. violet-mauve; with pale yellow, striped throat; 3½ feet high.

**MAORI KING**. S. golden yellow; F. velvety-crimson, margined gold. A valuable Iris where brilliant low masses of color are desired. 18 inches. 25c. per plant.

**MRS. H. DARWIN**. A cool, pure white, with very slight reticulations of violet at base of falls. It blooms freely and is an indispensable sort. 2 feet.

**MRS. NEUBRONNER**. S. and F. golden yellow, deeper than Aurea, also slightly earlier. 20 to 24 inches. 25c. per plant, \$2.50 per doz.

**MURAT**. S. pale orchid, tipped gold; F. heavily striped with claret red; throat canary-yellow.

**NIBELUNGEN**. S. fawn; F. bronzy-purple, edged with fawn. An erect, vigorous, free blooming Iris, and one of the best of its color. Should be planted near a blue like Rembrandt and creamy yellow like Flavescens. 32 inches. 25c. per plant.

**NUEE D'ORAGE**. A large, slaty lavender bloom, lovely in association with Aurea, and good for cutting. 50c. each.

## OTHER FORMS OF IRIS—Continued

- OTHELLO.** S. rich blue; F. deep dark, velvety-violet. 30 inches. Still unsurpassed among the dark sorts. 25c. per plant.
- PALLIDA DALMATICA.** S. and F. soft lavender; very fragrant; exquisite as a cut flower; superb in the hardy border. 3 to 4 feet. 25c. per plant, \$2.50 per doz.
- 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. 35c. per plant.
- PLUMERI.** S. rose mauve with metallic shadings; F. deeper mauve. A sterling variety, very largely grown. 25c. per plant, \$2.50 per doz.
- PRINCESS BEATRICE.** A selected form of *Pallida Dalmatica*, with heavy textured lavender blue flowers. 50c. each.
- PRINCESS ROYAL.** Tall, slender stems of violet-blue flowers. 50c. each, \$5.00 per doz.
- QUEEN OF MAY.** S. and F. soft lilac-rose, fragrant. One of the most charming of the "pink" *Pallidas*. 32 inches. 25c. per plant, \$2.50 per doz.
- REMBRANDT.** S. and F. shades of soft blue with almost no suggestion of purple. An excellent "blue" sort. 2 feet. 25c. per plant.
- RHEIN NIXE.** A. M., R. H. S. Standards clear white; F. rich raspberry purple with white edge. Tall, vigorous branched spikes. 3 feet. 35c. per plant.
- SHERWIN WRIGHT.** A deep yellow, taller than Mrs. Neubronner. 35c. each, \$3.50 per doz.
- THORBECK.** S. white; F. deep black-violet. A very effective Iris. 40 inches. 35c. per plant, \$3.50 per doz.
- TRAUTLIEB.** The soft lilac pink of the wide open flowers, shading to white through the center, and the rather slender 18-inch stem, make it ideal for crystal bowls as well as garden massing. 35c. per plant, \$3.50 per doz.
- TROJANA SUPERBA.** A. M., R. H. S. A giant flowered, fragrant, late blooming variety from the Island of Cyprus. Light blue, lavender standards and deep purple falls. Needs a warm, dry location. 3 feet. 50c. per plant, \$5.00 per doz.
- VIOLACEA GRANDIFLORA.** Large, deep violet-purple flowers, freely produced. Effective in color. 25c. each.
- WALHALLA (Intermediate).** S. light blue-lavender; F. velvety-purple. Blooms in mid-May. 20 inches. 35c. per plant, \$3.50 per doz.
- SIBIRICA, Variety ORIENTALIS.** These are grassy-leaved Irises retaining lovely flowing 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.** 25c. per plant, \$2.50 per doz.  
**Shades of Blue.** 20c. per plant, \$2.00 per doz.
- 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. 25c. per plant, \$2.50 per doz.

## Dwarf Irises

- A GOOD BLUE.** For this dwarf we have no name. It came, a waif among other Irises to the garden a good many years ago. Its charming blue color has made for it many friends. It is a hybrid *pumila* and blooms in late April and early May, free in growth and bloom, and lovely. 25c. each.
- EXCELSA.** Deeper in color than *Lutea*, free and sweetly scented. 12 inches. 25c. per plant.
- THE BRIDE.** A very satisfactory white Iris; 12 inches, blooming in late April or early May. Foliage is noticeably good. 35c. per plant, \$3.50 per doz.
- 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. 25c. per plant, \$2.50 per doz.
- CRISTATA ALBA.** Like the type except that the blossom is white. As lovely as it is rare. \$2.50 per plant.
- 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. It bloomed over a period of three weeks this past season and is an acquisition, receiving praise wherever seen. Called the outstanding Iris of its color among the dwarfs, in the Iris Test Garden at New York Botanical Gardens. 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.



IRIS PALLIDA DALMATICA

## DWARF IRISES—Continued

**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. *July delivery only* on Gracilipes.

**LUTEA.** Pale yellow. Very vigorous in growth and profuse in flower. Mid-April. 8 to 10 inches. \$2.50 per doz.

**LUTESCENS** (var. *Statellæ*). Creamy white, globular flowers in late April on 12- to 15-inch stems. Fragrant and lovely for cutting. Established clumps make excellent subjects for forcing. 25c. per plant, \$2.50 per doz.

**NOVA AUREA.** A satisfactory yellow of great freedom and similar in color to *Excelsa*. Late April and early May. 12 inches. 25c. per plant, \$2.50 per doz.

**PUMILA ATROVIOLACEA.** S. and F. purple.

Falls slightly deeper in tone. 4 inches. The earliest to bloom. Especially good in front of white Arabis and Golden Spur Daffodils. 25c. per plant, \$2.50 per doz. *July delivery only.*

**PUMILA CÆRULEA.** Sky-blue mite and very scarce. 75c. each.

**SOCRATES.** Wine-red, with slender, graceful stem. 25c. each, \$2.50 per doz.

**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. \$2.00 each.

## Japanese Iris

These magnificent Iris 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.

**AZURE.** Double, mauve-lavender, darker halo.

Petals of soft, crepe-like texture, with yellow blotch at base. 50c. each, \$5.00 per doz.

**BLUE JAY.** Double sky-blue, distinct white lines on each petal. 50c. each, \$5.00 per doz.

**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. 50c. each, \$5.00 per doz.

**GOLD BOUND.** Double. Large, double white, enriched by a creamy glow, from the gold-banded center. 35c. each, \$3.50 per doz.

**MT. HOOD.** Double. A very large, bright violet-blue, shaded darker blue; prominent orange blotches in center—a splendid carrying color in the garden. 35c. each, \$3.50 per doz.

**ORIOLE.** Double. A large flower of rich plum color with darker shadings and touch of gold at center. 30c. each, \$3.50 per doz.

**PINK PROGRESS.** Single. Very large, slightly drooping falls; lovely soft mauve-pink, veinings of darker shade of pale yellow at base of falls. 50c. each, \$5.00 per doz.

**PYRAMID.** Double violet-purple, veined white in center of each petal. 35c. each, \$3.50 per doz.

**RED RIDING HOOD.** Single; fine amaranth, veined and suffused white. 35c. each, \$3.50 per doz.

**"ROSE-ANNA."** Double. Ivory white, with ruby-red veins, conspicuous yellow blotch; stigmata dark plum. 75c. per plant, \$7.50 per doz.

**TOTTY'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. 75c. each, \$7.50 per doz.

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



JAPANESE IRIS

# Liliums

*Culture.*—Plant bulbs in Fall and Spring, about 3 or 4 inches deep, in well-drained soil, not too rich, avoiding all manure in the soil. If planted in the Fall, mulch with very old, spent short manure after the ground freezes, and rake off in the Spring.

**BATEMANNÆ.** 3 to 4 feet high with five to ten flowers of reddish-orange color. Blooms in July or August. 50c. each, \$5.00 per doz., \$35.00 per 100.

**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. Delphiniums grouped with these beautiful Lilies make a charming combination in the hardy border during the month of June. 50c. each, \$5.00 per doz., \$35.00 per 100.

**CANADENSE.** Bell-shaped blossoms which vary in red and yellow colors. 3 to 5 feet high. 25c. each, \$2.50 per doz., \$15.00 per 100.

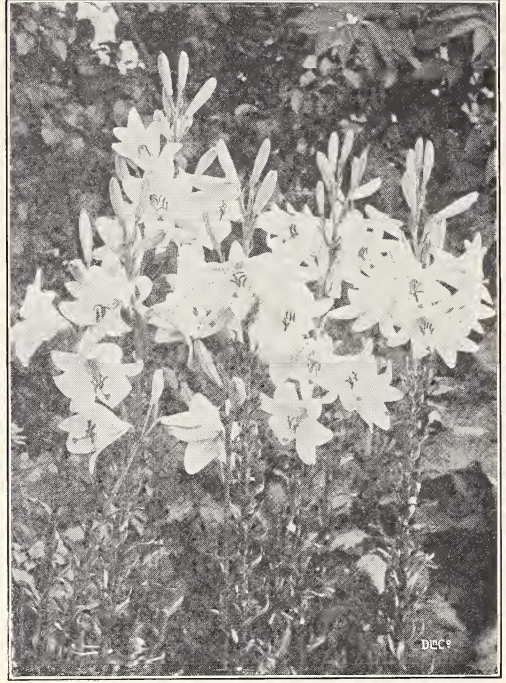
**CANADENSE FLAVUM.** Selected yellow. 35c. each, \$3.50 per doz., \$25.00 per 100.

**DAURICUM.** This beautiful Lily comes from the home of *L. tenuifolium* in Siberia. It resembles a native *Philadelphicum*. It is of easy culture, grows 2 to 3 feet high and blooms in umbels of three to five upright scarlet flowers. 20c. each, \$2.00 per doz., \$15.00 per 100.

**E. BICOLOR.** Dwarf, orange, edged scarlet, with few spots. 50c. each, \$5.00 per doz., \$35.00 per 100.

**HANSONI.** A very important Lily that is easy to grow, and being perfectly hardy, it is very desirable for border planting. Attains height of 3 to 5 feet. Reflexed blossoms 2 inches across, petals bright orange-yellow, faintly spotted brown, eight to twelve in a cluster, flowering in June or early July. 85c. each, \$8.50 per doz., \$65.00 per 100.

**E. LEONARD JOERG.** Rich apricot, spotted, very fine. 40c. each, \$4.00 per doz., \$30.00 per 100.



LILIAM CANDIDUM (Ascension or Madonna Lily)

**PARDALINUM** (Leopard Lily). Rich scarlet and yellow flowers, spotted with rich brown. Robust and free flowering. 50c. each, \$5.00 per doz., \$35.00 per 100.

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

**SUPERBUM.** 3 to 6 feet high, flowers from five to forty, nodding brilliant orange-red. Blooms in July. 30c. each, \$3.00 per doz., \$20.00 per 100.

**TIGRINUM FL. PL.** (Double Tiger). Orange-red, spotted black. 40c. each, \$4.00 per doz., \$30.00 per 100.

**TIGRINUM SPLENDENS.** Single form; same colors. 35c. each, \$3.50 per doz., \$25.00 per 100.



LILIAM REGALE, or MYRIOPHYLLUM

## HARDY PERENNIAL PLANTS—Continued

**LAVANDULA** (*Lavender*)

**VERA.** The true Sweet Lavender, growing 18 inches high, wonderfully fragrant, blue flowers blooming July and August.

**LUPINS**

**LUPINE.** Very valuable in the hardy border, giving an abundance of long spikes of delicately scented flowers in June and July. Height 3 feet.

**POLYPHYLLUS TYPE.** Blue.

**ALBA.** White.

**ROSEUS.** Rose-pink.

**LYCHNIS** (*The Lamp Flower*)

**CHALCEDONICA.** Most desirable variety; orange-scarlet. 3 feet high. June to mid-July.

**HAAGEANA.** Brilliant orange-scarlet. Flowers in May and June. 12 inches high.

**LYSIMACHIA** (*Loosestrife*)

**CLETHROIDES.** Long, dense spikes; pure white flowers, fine for cutting. 2 feet. July and August.

**LYTHRUM** (*Loosestrife*)

**ROSEUM SUPERBUM.** Rose color, robust habit. 4 to 5 feet high. July and August.

**MATRICARIA** (*Feverfew*)

**CAPENSIS.** Small, daisy-like white flowers, very pretty fern-like foliage; a splendid bedding plant. 15 inches high.

**SILVER BALL.** Large, double white, ball-shaped flowers blooming June to October; foliage has an aromatic odor, valuable in the border and as a cut flower. 18 inches high.

**MONARDA** (*Bergamot*)

**DIDYMA.** Brilliant crimson-scarlet, flowers produced on plants about 2½ to 3 feet high, during the months of July and August. Very showy and bright when planted en masse.

**FISTULOSA.** Lavender form of the above.

**VIOLACEA.** Bright amaranth-red. 2 to 3 feet high.

**MYOSOTIS** (*Forget-Me-Not*)

**PALUSTRIS SEMPERFLORENS.** No hardy flower is better known or appreciated than this royal blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location. 6 inches. Indigo-blue; grows about 9 inches.

**NEPETA** (*Ground Ivy*)

**MUSSINII.** Bright blue flowers, silvery foliage, growing about 9 inches high.

**HEDERACEA.** Dwarf trailing, creeping plant; very fine edging for borders. June to October.

**ENOTHERA** (*Evening Primrose*)

**SPECIOSA.** Pure white flowers that do splendidly in a sunny location. They bloom the greater part of the Summer with flowers 3 inches across and grow about 18 inches high.

**PACHYSANDRA**

**TERMINALIS.** The most generally useful evergreen ground cover plant we have ever used. Hardy under all conditions; suitable for foundation plantings, cemeteries, window boxes and all shady positions. Forms a thick mat of dark green foliage.

**PAPAVER ORIENTALIS**

(*The Oriental Poppy*)

**BEAUTY OF LEVERMERE.** Deep crimson flowers, very large; one of the best of recent introductions.

**BRILLIANT.** Bright scarlet.

**GOLIATH.** Fiery-scarlet with maroon blotch at base of petals.

**PRINCESS VICTORIA LOUISE.** New variety, with pure rose flowers in wonderful profusion.

**SALMON QUEEN.** Lovely salmon-scarlet.

**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** in separate colors—white, red and pink. 50c. per plant, \$5.00 per doz., \$35.00 per 100.

**PHALARIS** (*Ribbon Grass*)

**VARIEGATA.** A beautiful ornamental grass, striped white. Most attractive for planting along banks of streams or artificial ponds. 1½ to 2 feet.

**PHYSALIS** (*The Chinese Lantern Plant*)

**FRANCHETII.** Sometimes known as the Winter Cherry, attaining a height of 2 feet, and covered with bright orange-scarlet, lantern-like fruit in September.



PEONIES



HARDY PERENNIAL PLANTS—Continued

## Phlox

Phlox makes a beautiful background for the earlier flowers in the border and add a riot of color when their blooming season arrives in early July. A careful selection of varieties will give a continuous show until Fall if properly handled. Cut back the flowering heads as soon as they finish flowering to prevent them going to seed, since it is the seedling plants that show the magenta color so often seen in the Phlox family.

Phlox should be planted from eighteen inches to two feet apart, and will quickly repay any expenditures in the line of extra care and fertilizers. They flower continuously from July until Fall, and are always very showy in a garden.

Phlox is sometimes attacked with mildew, and this is best treated by the use of sulphide of potassium, applied in the proportion of one ounce to two gallons of water.

All of the varieties listed herein, unless noted, will attain a height of from two to two and one-half feet.

**Price: 30c. per plant, \$3.00 per doz., \$20.00 per 100,  
except where noted**





PHLOX DIVARICATA LAPHAMII

## PHLOX—Continued

- BARON VAN DEDEM.** Large truss, brilliant scarlet blood-red, one of the best.
- BRIDESMAID.** A white, with large crimson center; a very well known variety.
- B. COMTE.** Brilliant French purple with crimson-carmine shadings. 2½ feet.
- CHAMPS ELYSEE.** Violet-purple; with large spikes. 2½ feet.
- CREPUSCLE.** Shading from a deep rosy center, through rose-lilac to a white edge. 2½ feet.
- ELIZABETH CAMPBELL.** Light salmon changing to pink, a new and splendid color. Large trusses. 50c. each, \$5.00 per doz., \$35.00 per 100.
- ETNA.** Brilliant-colored variety, large spreading truss of orange-scarlet.
- EUGENE DANZANVILLIERS.** Lilac, shading to white at edges. 2½ feet.
- FRAULEIN VON LASSBURG.** Pure white truss, flowering between Buchner and Jenkins; very free.
- LA VAGUE.** Pure mauve, with aniline-red eye. 2½ feet.
- LOUISE ABBEMA.** Very large dwarf, pure white, fine form. 18 inches.
- LUMINEUX.** China rose pink in color, growing 3 feet in height. Not as well known as most other pink varieties, but a variety we can well recommend.
- 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.
- PANTHEON.** Rosy-salmon, pure white center, very large truss.
- PROFESSOR VIRCHOW.** Bright crimson, overlaid with orange-scarlet.
- RHEINLANDER.** Beautiful salmon-pink with claret red eye. Individual trusses of immense size.
- RIJNSTROOM.** An improved form of the popular variety Pantheon; fine for massing; of a Paul Neyron rose color. 2½ feet.
- WIDAR.** Lovely violet shade with white center.

## Phlox Divaricata Laphamii

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.

There is no other garden flower blooming at this season showing this rare and beautiful color.

A solid bed of Phlox Laphamii 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.

## HARDY PERENNIAL PLANTS—Continued

**PHLOX** (*Moss or Mountain Pink*)

**SUBULATA.** 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 for carpeting the ground.

**ALBA.** Pure white.

**LILACINA.** Light lilac.

**ROSEA.** Rose-pink.

**PINKS** (See **DIANTHUS**)**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*)

**LARPENTÆ.** A splendid border or rock plant with deep blue flowers blooming in Sept. and October; dwarf spreading habit. 8 to 10 inches high.

**POLEMONIUM** (*Jacob's Ladder*)

**CÆRULEUM.** Spikes of showy blue flowers with deep green, fern-like foliage, 12 to 15 inches high; blooming June to August.

**POLYGONUM** (*Knotweed*)

**CUSPIDATUM.** Noble plant attaining a height of 6 feet, producing long, drooping clusters of white flowers in the axil of each leaf.

**PRIMULA** (*Hardy Primrose*)

**POLYANTHUS.** One of the old favorites of grandmother's garden. Very useful for pot plants for the greenhouse, in white and yellow.

**GIANT WHITE**                      **GIANT YELLOW**

**VULGARIS** (*English Primrose*). One of the most beautiful outdoor plants in the early Spring. These thrive in moist, cool, half shady situations. They should be protected from the midday sun. Splendid for colonizing. Large trusses of flowers in all shades of yellow. 6 to 9 inches. April to mid-May.

**PYRETHRUM** (*Giant Daisy*)

**ULIGINOSUM.** Flowers in the Fall, just ahead of the Michaelmas Daisies, to which family it is closely related. 4 feet high.

**HYBRIDUM "PAINTED DAISY."** All shades of color from pale pink to deep amaranth-red—also fine white; very large flowers easily grown; blooming all through July and later in the season, if cut back. As name implies, daisy-like flowers.

**PARTHENIFOLIUM**

**AUREUM, or GOLDEN FEATHER.** Common bedding plant with small white, daisy-like flowers and bright yellow foliage.



PYRETHRUM

**PHYSOSTEGIA** (*False Dragon Head*)

**VIRGINICA.** Pale pink, tubular flowers on very showy bushes; 3 to 4 feet high, blooms all Summer.

**VIRGINICA ALBA.** Pure white form of above. 4 feet.

**RUDBECKIA**

**GOLDEN GLOW.** One of the best known hardy flowers, blooming from July until September.

**NEWMANNII** (*The Black-Eyed Susan*.) Very well known and popular. 3 feet. July to early August.

**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.

**SANTOLINA** (*Lavender Cotton*)

**INCANA.** Silvery white foliage, used for rock border, and very largely used for carpet bedding.

## HARDY PERENNIAL PLANTS—Continued

**SAPONARIA** (*Soap Flower*)

**ORIENTALIS.** Border plant, growing about 6 inches high, producing masses of bright pink flowers from July to October.

**SEDUM** (*Stonecrop*)

**SPECTABILE.** Most popular of all the Sedums, producing large, flat heads of rose-colored flowers; 2 feet high. Mid-August to mid-September.

**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."

**SILENE**

**ORIENTALIS.** Very showy in perennial border, freely branched from the base. Blooming profusely in July. Bright rosy-pink flowers, clove-scented. Height 2½ feet.

**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. Mid-July to September.

**INCANA NANA.** The freely branching stems carry innumerable small, pearly white flowers, making a cloud-like appearance flowering in June and July. The plant not exceeding 6 inches in height, but the flowering stalk reaching 18 inches to 2 feet.

**STACHYS** (*Woundwort*)

**LANATA.** Bright, silvery white, woolly foliage; flowers an inconspicuous light purple in color; largely used for edging or clumps in borders. June and July.

**STOKESIA** (*The Cornflower Aster*)

**CERULEA.** Very beautiful hardy plant attaining a height of 18 to 24 inches, blooming from July until October. A pure Cornflower blue measuring 5 inches across.

**SWEET WILLIAM** (*Dianthus barbatus*)

Possibly one of the best known, free flowering, hardy perennials; easily one of the most attractive flowers in the garden.

**CARMINE BEAUTY.** Very rich shade of red.

**JOHNSON'S DIADEM.** Maroon and white center.

**PINK BEAUTY.** Beautiful Newport pink color.

**PURITY.** Snow-white, one of the best.

**SCARLET BEAUTY.** Brilliant scarlet.

**THALICTRUM** (*Meadow Rue*)

**ADIANTIFOLIUM.** Beautiful variety, with foliage like Maidenhair Fern and miniature white flowers. 2 feet.

**AQUILEGIAFOLIUM.** Graceful foliage like that of Columbine, with pale lavender and white tufted blooms from May to July. 2½ to 3 feet high.

SWEET WILLIAM (*Dianthus barbatus*)**TRITOMA** (*Red Hot Poker*)

**PFITZERI.** Rich orange-scarlet blooms borne on stems 3 feet high, very attractive for mass planting or singly in the border. In bloom from August to October. Succeeds in any garden soil, but responds quickly to liberal feeding. Must be protected in Winter.

**TUNICA**

**SAXIFRAGA.** Low growing, tufted plant, with light pink flowers. Very useful in the rockery and at the front of the hardy border.

**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.

**VIOLA CORNUTA** (*The Perennial Violet*)

**PURPUREA.** Rich shade of blue.

**YELLOW GEM.** Very bright yellow.

**WHITE.**

**VERONICA** (*Speedwell*)

**AMETHYSTINA.** Amethyst-blue flowers; spikes long and good. 2 feet.

**LONGIFOLIA SUBSESSILIS.** Long spikes; beautiful blue flowers; plants 3 feet high.

**SPICATA.** Flowers in June and July; magnificent sprays of bright blue flowers, growing 1½ to 2 feet high.

**YUCCA** (*Adam's 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.



HARDY PERENNIAL PLANTS—Continued

## VIOLA, JERSEY GEM

(WESTON)

This Viola which we introduced last season has proved itself the very finest variety of hardy Violet ever grown in this country. It is absolutely hardy under all conditions and blooms continuously from May until frost. It will give best results on light soil and does not require any particular spot in the garden in order to give good results. In other words it can be planted in any location and will give satisfaction. The color is a pure violet, and the individual flowers are very large and fragrant. The stems are about 6 inches long and make a very popular cut flower subject. If rotted leaves and decayed manure are added to the garden soil it will benefit the plants very much, furthermore, if they have a snug location they will flower much freer than if planted in a shady place.

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

## ROCK PLANTS

The following perennials may be satisfactorily planted for a rock garden.  
For description see list of perennials.

AUBRIETIA GRÆCA.  
ARABIS ALPINA.  
BELLIS PERENNIS.  
CAMPANULA CARPATICA (Blue and white).  
CERASTIUM TOMENTOSUM.  
HELIANTHEMUM CROCEUM.  
IBERIS (Perennial Candytuft).  
IRIS, DWARF.  
ARENARIA CRISTATA.  
EXCELSA PUMILA ATROVIOLACEA.  
NEPETA HEDERACEA and MUS-SINII.  
PHLOX SUBULATA.  
PLUMBAGO LARPENTÆ.  
SANTOLINA INCANA.  
SAPONARIA ORIENTALIS.  
SEDUM ACRE.  
TUNICA SAXIFRAGA.  
VIOLA CORNUTA.  
VIOLA JERSEY GEM.



## *Springfield Rose Food*



**A**N organic fertilizer, containing the vital elements of plant life in scientifically correct proportions to make it an ideal food for roses. Will keep your bushes in splendid condition and produce an abundant crop of perfect blooms.

Enthusiastically acclaimed by leading commercial growers and by members of the American Rose Society in all sections of the country.

10 lbs.	-	-	-	-	\$1.00
25 lbs.	-	-	-	-	2.00
100 lbs.	-	-	-	-	5.00

## *Springfield Dahlia Food*

**A** PLANT food essentially adapted for use on this exacting plant. Not a concentrated chemical fertilizer, but a perfect plant food containing organic materials scientifically compounded. The use of this prepared food assures one of splendid success and we heartily endorse it.

10 lbs.	-	-	-	-	\$1.00
25 lbs.	-	-	-	-	\$2.00
100 lbs.	-	-	-	-	\$5.00









# 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.

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**



Charles  
H. Totty  
Company



MADISON  
NEW JERSEY

