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AGGELER & MUSSEY SEED CO.

Los Angeles California

AUTUMN 1933

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SEED TRIALS
HORTICULTURE

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A&M
reliable
SEEDS

*Van Waveren's Giant
Daffodil*

A & M Choice Bulbs and Seeds for Fall Planting

Every gardener realizes the importance of reliability in bulbs, plants and seeds. Throughout these pages are listed varieties of the very highest quality and we personally recommend them as being the best of their respective kinds.

BULB PRICES ARE LOWER THIS YEAR



Collections of Flower Seeds for Fall Sowing

COLLECTION "A"

Four Annuals for Winter Blooming

1 Pkt. Calendula, Orange King	10c	} 4 Pkts. for 25c Postpaid
1 Pkt. Centaurea, Double Blue	10c	
1 Pkt. Clarkia, Double Mixed	10c	
1 Pkt. Larkspur, Mixed	10c	

COLLECTION "B"

Four Popular Flowers for Spring Blooming

1 Pkt. Pansies, Mastodon Mixed	15c
1 Pkt. Stocks, Bismarck Mixed.....	20c
1 Pkt. Snapdragon, Maximum Mixed.....	15c
1 Pkt. Godetia, Tall Double Mixed	10c

Four Packets—60c Value for

40c

Postpaid

COLLECTION "C"

Eight Individual Varieties of Wildflowers for a Glorious Display

1 Pkt. Bartonla (Mentzella Lindley)	10c	} 8 Pkts. for 50c Postpaid
1 Pkt. Nemophila (Baby Blue Eyes).....	10c	
1 Pkt. Gilla, Capitata	10c	
1 Pkt. Clarkia, Mixed	10c	
1 Pkt. True California Poppies	10c	
1 Pkt. Phacelia Companularia	15c	
1 Pkt. Collinsia Bi-color	10c	
1 Pkt. Evening Scented Primrose	10c	
<hr/> 85c		

California Wildflower Mixture

As though by magic one may transform that unsightly piece of ground into a most interesting California Wildflower Garden, by broadcasting this mixture over a prepared seed bed in the Autumn just before or during the rainy season. No irrigation will be required.

The mixture contains species of true Annual California Wildflowers and is blended so as to give a succession of blooms from early Spring to late Summer.

Real estate subdividers will find this an attractive as well as inexpensive landscape beautifier for their subdivisions. A great many already have proven its worth. Five pounds of seed plants an acre.

A & M CALIFORNIA WILDFLOWER MIXTURE. A fine standard mixture. Pkt. 10c; Jumbo Pkt. 20c; oz. 45c; ¼ lb. \$1.65; lb. \$5.00.



Aggeler & Musser Seed Co.



General Offices, Warehouse and Mail Order Dept.
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LOS ANGELES, CALIF.

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General Directions for Ordering

NAME AND ADDRESS. Be sure that your name and address are written plainly. Write in the proper place on the order blank: Post Office, County, Rural Delivery, Box Number and nearest Express Office.

ORDER EARLY. We endeavor to ship all orders within 24 hours after we receive them, but as the numerous bulbs listed herein are not all available at the same time we will ship each variety as soon as ready and in good season for planting.

INSPECTIONS. In California and many other states all bulbs are subject to examination by Agricultural Inspectors at destination. This means that each shipment received into our warehouse is carefully inspected and all packages sent to customers by Parcel Post or Express are also examined at destination before being released. This may cause a certain delay in final delivery but is a great safeguard to your garden.

REMITTANCES. Should be made by post office money order, express money order, or bank draft, for a sufficient amount to cover the entire order and postage, if any. Do not send currency. Should it be lost there is no recourse. Stamps of three-cent denominations will be accepted for small amounts.

POSTAGE. Except where otherwise stated, bulbs and seeds offered in this catalog are sent postpaid to all points in the U. S. A.

FOREIGN PARCEL POST. The parcel post rate to foreign countries is 14 cents per pound. Foreign correspondents should add a sufficient amount to cover postage at this rate.

ERRORS. While we exercise the utmost care in filling orders we find that occasionally errors occur, in which event we ask you to please notify us promptly and we suggest that you keep copy of your orders for comparison.

PRICES. In the event of unforeseen circumstances prices are subject to change without notice.

NON-WARRANTY. Note: There are so many contingencies to be encountered in growing plants from seed and in setting out plants that are dependent on the weather and other conditions over which we have no control, that success in planting is not altogether dependent on the seed or plant. We will send out only seed which we believe will grow and produce the kind of plant and variety represented, but:

The Aggeler & Musser Seed Co. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop.

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Daffodils and Narcissi

All varieties are very easy to grow and are very popular as cut flowers because of their splendid keeping qualities. They may be grown in cultivated beds or borders or in the shrubby border where they may be allowed to naturalize. While they prefer partial shade, they will thrive in full sun. Plant from October until January in any good garden soil, covering to a depth of 5 inches.

All Narcissi may be grown in bulb fibre and culture is same as for hyacinths.

Trumpet Daffodils

KING ALFRED. This is one of the largest flowers and longest stemmed variety now being offered. The flowers are pure yellow, the trumpet is slightly frilled and there are 3 or 4 flowers produced from each bulb. Extra large. 15c each; \$1.50 per doz.

ROBERT SYDENHAM. Well formed sulphur-yellow perianth; deeply frilled wide open yellow trumpet. A splendid exhibition variety. 15c ea.; \$1.50 per doz.; \$11.00 per 100.

GLORY OF SASSENHEIM. Yellow trumpet with creamy white perianth. Large bold flower. 10c each; \$1.00 per doz.; \$7.50 per 100.

EMPEROR. Brilliant golden yellow flowers of immense size, with wide overlapping perianth. Extra fine. 10c each; \$1.00 per doz.; \$7.50 per 100.

VAN WAVEREN'S GIANT. Extra fine daffodil of mammoth size. Primrose perianth and bright yellow trumpet. 15c each; \$1.50 per doz.; \$11.00 per 100. (Illustrated on front cover.)

SPRING GLORY. Very early; pure white perianth with long golden yellow trumpet; reflexed brim. 10c each; \$1.00 per doz.; \$7.50 per 100.

Collection No. 16B One each of the above six named Daffodils, mixed and not individually wrapped for..... 65c



Glory of Sassenheim

BULB FIBER specially prepared for growing bulbs in pots or bowls is listed on page 19.

Jonquils

GIANT SINGLE CAMPERNELLE. Very popular jonquil for garden borders, forcing or cut flowers. The fragrant waxy flowers of a beautiful clear yellow are borne in groups of two or three on a stem. 65c per doz.; \$4.75 per 100.

MINIATURE SWEET SCENTED. One of the most fragrant of the Jonquils. Flowers are deep golden yellow, about 1 inch in diameter. Often produces several on a stem. Plant bulbs about 2 inches apart and cover to a depth of 3 inches. 65c per doz.; \$4.75 per 100.



Will Scarlet

Special Narcissus Collection No. 18B

Many of the Narcissi and Daffodils offered on these pages have been grown on our own grounds. After much consideration we have selected four of the finest sorts we grow and offer them in the following collections. Get your start of these wonderful varieties now.

- | | |
|----------------------------------|-----------------------|
| 3 Aspasia | 3 Firebrand |
| 3 Laurens Koster | 3 Glory of Sassenheim |
| One Collection (12 bulbs) | 75c |
| Two Collections (24 bulbs) | \$1.40 |

Medium and Short Cup Narcissi

ASPASIA. Large, pure white perianth; rich yellow eye. Vigorous grower. Four to five flowers on a stem. 3 for 20c; 65c per doz.; \$4.75 per 100.

LAURENS KOSTER. One of the Poetaz Hybrids, the flowers having a pure white perianth with large orange-yellow cup. 3 for 20c; 65c doz.; \$4.75 per 100.

POETICUS ORNATUS. Pure white perianth with broad cup delightfully edged scarlet. 3 for 20c; 65c per doz.; \$4.75 per 100.

BERNARDINO. Splendid well formed flowers with widely expanded frilled cup stained apricot orange at the edge; cream perianth. Forms nice clumps in the garden in a short time. 10c each; 85c per doz.; 6.50 per 100.

RED CHIEF. Lovely pure white perianth with fiery red cup daintily fringed at the edge. 2 for 25c; 1.25 per doz.; \$8.50 per 100.

PHEASANT'S EYE (Poeticus). Beautiful pure white petals and yellow center. Delightfully fragrant. 3 for 20c; 65c per doz.; \$4.75 per 100.

FIREBRAND. Creamy white petals and glowing red fluted cups. Very free flowering when well established. 2 for 25c; \$1.25 per doz.; \$8.50 per 100.

WILL SCARLET. Broad fiery orange cup strikingly frilled, and creamy perianth. 10c each; 85c per doz.; \$6.50 per 100.

WHITE QUEEN. Magnificent variety with large white perianth and long citron cup. 3 for 20c; 65c doz.; \$4.75 per 100.



Aspasia

Collection No. 17B One each of the nine named Medium and Short Cup Narcissi, mixed and not individually wrapped for **65c**



Paper White

Polyanthus Narcissi

These are often referred to as the bunch-flowered type, that is, they produce their flowers in clusters and they are very fragrant. For bowl culture, place fairly good sized pebbles in the dish, fill with water and place the bulbs among the pebbles so that the bottom of the bulb just touches the water when the bowl is full. Place the bowl in a cool situation, out-of-doors preferably, and leave them there until a good root system is formed and until the buds begin to form. A slight freeze will not injure them, but in very cold climates it would be best to have them in a more protected place. If they are kept in the house the tendency is for them to grow too tall and splndling and under these conditions the buds blight. In Southern California keep them outdoors until the buds form, then take them into the house, place them near a window and leave them until they have finished blooming. After they have bloomed plant them in the open ground and leave them until the tops cure down entirely.

CHINESE SACRED LILY. The flowers are pure white with a yellow cup. May be planted in the open ground or in bowls with pebbles as described above. 10c each, 75c doz.; \$5.50 per 100.

PAPER WHITE GRANDIFLORA. One of the earliest of the Polyanthus type and an excellent variety for growing in water. The flowers are pure white and very fragrant. Should not be forced in bowls until December. 10c each; 75c doz.; \$5.50 per 100.

SOLEIL D'OR. Beautiful golden yellow flowers with a deep orange cup. 10c each; 85c doz.; \$6.50 per 100.

GRAND MONARQUE. White with primrose-yellow cup. This variety is not recommended for bowl culture. 10c each; 75c per doz.; \$5.50 per 100.

PHOSPHORUS performs a very important function in the development of a plant's root system. **BONE MEAL** contains a large percentage (usually 23-25%) of phosphoric acid and is the best and safest fertilizer to use in all bulb culture. For prices see page 19.

Hyacinths

With their wondrous beauty and delightful fragrance Hyacinths are one of the glories of spring. They are seen at their best in borders or formal beds, and one of the most effective methods of culture is to arrange them in color schemes. They are also very charming when growing in pots or glasses.

CULTURE. In climates similar to Southern California it is necessary to plant Hyacinths to a greater depth than they are planted in more severe climates. The reason for this is to retard the top growth, thus giving the bulb an opportunity to make a root system.

In heavy soil it would be well to plant the tip of the bulb 5 to 6 inches beneath the surface, and in light soil 6 to 7 inches beneath the surface. Set the bulbs about

6 inches apart each way in the bed. About January 1st plant Nemophila seed on top of the bed and mulch with barnyard fertilizer or leaf mold. The Nemophila will provide a very attractive covering for the bed and will produce longer stemmed flowers of Hyacinths. October and November plantings of Hyacinths will give best results.

For pot culture of Hyacinths plant one bulb only to a 5-inch pot and bury pot and all in a shaded place in the garden, covering to a depth of 6 or 7 inches. In six weeks or two months they may be removed and brought to the light; however, leaving them longer might produce better results. Once they are brought to the light keep them near a window and give them plenty of fresh air and water.



A & M Exhibition Hyacinths

CITY OF HAARLEM. Yellow. A choice exhibition variety; considered the finest of yellow Hyacinths. A splendid sort for all purposes. 20c each; 6 for \$1.10; \$2.00 per doz.; \$15.00 per 100.

GEN. DE WET. Rose. This Hyacinth produces a broad spike of very fine light rose bells. A good variety. 20c each; 6 for \$1.10; \$2.00 per doz.; \$15.00 per 100.

GRAND MAITRE. Lavender. A large compact spike of deep lavender-blue. The stem is also dark and contrasts pleasingly with the color of the flower. 20c each; 6 for \$1.10; \$2.00 per doz.; \$15.00 per 100.

KING OF THE BLUES. Dark blue. An extra large truss of dark blue flowers; probably one of the largest varieties of Hyacinths grown. 20c each; 6 for \$1.10; \$2.00 per doz.; \$15.00 per 100.

KING OF THE REDS. Red. A glowing scarlet red and a splendid flower. This brilliant shade is one of the most popular for bedding or pot culture. 20c each; 6 for \$1.10; \$2.00 per doz.; \$15.00 per 100.

LADY DERBY. Pink. An excellent variety not only for bedding, but for pot culture. The very large flowers are a bright rose-pink. 20c each; 6 for \$1.10; \$2.00 per doz.; \$15.00 per 100.

LA VICTOIRE. Carmine. A glistening deep carmine-rose. The shade is lighter when grown inside. 20c each; 6 for \$1.10; \$2.00 per doz.; \$15.00 per 100.

L'INNOCENCE. White. An excellent pure white and well suited for all purposes, either pot culture or for the garden. 20c each; 6 for \$1.10; \$2.00 per doz.; \$15.00 per 100.

QUEEN OF THE BLUES. Pale azure-blue. Very attractive large spikes. 20c each; 6 for \$1.10; \$2.00 per doz.; \$15.00 per 100.

Collection No. 6B To give you an assortment of these wonderful bulbs we offer you one each of the above nine named varieties mixed and not individually wrapped for \$1.45

HYACINTHS CONTINUED NEXT PAGE

AGGELER & MUSSER SEED CO.

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NOTICE—AGGELER & MUSSER SEED CO. gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out and will not be in any way responsible for the crop.

QUANTITY	NAME OF ARTICLE WANTED		PRICE
TOTAL			

AN ORDER FOR AGGELER & MUSSER'S SEEDS

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CALIFORNIA

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and given the proper address; also that you
have enclosed your money order.



Garden Hyacinths

A & M Garden Hyacinths

Garden Hyacinths are similar in all respects to the Exhibition varieties except that the bulbs are slightly smaller. Of course the larger bulbs will produce larger flowers but very good blooms will be obtained from the smaller bulbs. Plant these by the hundred.

GERTRUDE. Pink. Very fine rosy pink, with strong stem and good spike. 12c each; 6 for 65c; \$1.25 per doz.; \$9.00 per 100.

L'INNOCENCE. White. Pure white and a dense spike. 12c each; 6 for 65c; \$1.25 per doz.; \$9.00 per 100.

LA VICTOIRE. Carmine. Bright carmine-rose. One of the best. 12c each; 6 for 65c; \$1.25 per doz.; \$9.00 per 100.

LORD BALFOUR. Lilac. Beautiful lilac tinged violet. Very large. 12c each; 6 for 65c; \$1.25 per doz.; \$9.00 per 100.

MARIE. Blue. An exquisite deep blue and one of the newer varieties. 12c each; 6 for 65c; \$1.25 per doz.; \$9.00 per 100.

PERLE BRILLIANT. Blue. A very large pale blue. 12c each; 6 for 65c; \$1.25 per doz.; \$9.00 per 100.

YELLOW HAMMER. Yellow. A beautiful deep truss of pure yellow. An early variety. 12c each; 6 for 65c; \$1.25 per doz.; \$9.00 per 100.

Collection No. 8B One each of the above seven varieties of A & M Garden Hyacinths, mixed..... **65c**

Dutch Roman Hyacinths

Plant these for cut flowers and for naturalizing in borders. They bloom earlier than the exhibition and bedding Hyacinths and often produce several graceful spikes from a single bulb. Plant four to five inches deep and about three inches apart in the rows. They are very fragrant and may be grown in pots as well as outdoors. For pot culture follow the directions given for exhibition Hyacinths.

GRAND MAITRE. Blue. A deep porcelain blue. For years it has been one of the popular varieties. 10c each; \$1.00 per doz.; \$7.50 per 100.

PERLE BRILLIANT. Blue. A very large pale blue. The color is clear and the flowers are waxy. 10c each; \$1.00 per doz.; \$7.50 per 100.

LA VICTOIRE. Carmine. Brilliant deep carmine-rose flowers of a decided waxy appearance. Beautiful as a cut flower. 10c each; \$1.00 per doz.; \$7.50 per 100.

L'INNOCENCE. White. Graceful snowy white flowers, large and a good spike. 10c each; \$1.00 per doz.; \$7.50 per 100.

MORENO. Pink. Splendid large bells of deep pink. Undoubtedly the best pink in the Romans. 10c each, \$1.00 per doz.; \$7.50 per 100.

YELLOW HAMMER. Yellow. This bright, clear yellow is one of the most striking colors in the Roman Hyacinths. Showy in the garden and excellent as a cut flower. 10c each; \$1.00 per doz.; \$7.50 per 100.

Collection No. 9B Two each of the above varieties of Dutch Roman Hyacinths, mixed, 12 bulbs..... **85c**

Muscari

(Grape Hyacinth)

HEAVENLY BLUE. Light blue; strong grower. Much larger flower trusses than ordinary grape hyacinth. 3 for 15c; 50c per doz.; \$3.50 per 100.

Scilla

CAMPANULATA BLUE. The blue bell of England, being very attractive for beds or borders and when left undisturbed for several years they multiply rapidly and bloom freely. They succeed in shady places and are one of the attractive early spring flowers. 3 for 15c; 50c per doz.; \$3.50 per 100.



Scilla

Tulips

When the Tulips unfold their magic colors in the spring, one can take a justifiable satisfaction in having been responsible for their inclusion in the fall planting.

The rich bright shades of the blooms are admired by all, and in addition to the beautiful garden display they are excellent for cutting and come at a time in the spring when they are fully appreciated. The Darwin and Breeder Tulips are both strong growing types, the only practical difference being that the Darwins are generally of the self colors while the Breeders are of buff and bronze shades. The Cottage or May-Flowering Tulips include the yellow shades and the petal tips are more or less pointed.

In localities where the ground frosts during the winter months, the top growth of the Tulips is wisely retarded by nature, giving the bulbs an opportunity to produce a good root system. In Southern California and similar climates, deep planting will substitute for ground freezing, for by placing the bulb far enough below the surface, it is kept cool and the growth of the sprout will be retarded, thus giving the bulb sufficient time to develop an adequate root system.

In preparing the soil for Tulips and Hyacinths barnyard fertilizer should not be spaded in unless it is several months in advance of planting. Bone Meal is very good and it should be placed in the soil below the bulbs at the time of planting, but it should not come in direct contact with the bulbs. The addition of Gypsum to heavy adobe soil will prove very beneficial and will make the soil more porous and more easily cultivated. In extremely heavy soil use 100 lbs. of Gypsum to 100 sq. feet.

The seed of Baby Blue Eyes or Nemophila is an excellent covering for any bulb bed. The seed should be sown on top of the bulb bed, about January 1st, covering with a light mulch of leaf mold, or decomposing barnyard fertilizer. The Nemophila will bloom at the same time as the Tulips and makes a very dainty ground covering.

Darwin Tulips

Six special outstanding varieties of brilliant colors.

ALPINE SNOW. Pure white with black anthers; one of the best white varieties yet introduced. 3 for 30c; \$1.15 per doz.; \$8.50 per 100.

AFTERGLOW. Deep rosy orange with salmon tinted edges; inside deep orange. 3 for 25c; 85c per doz.; \$6.50 per 100.

CITY OF HAARLEM. Immense vermilion scarlet; a splendid robed aristocrat. 3 for 25c; 85c per doz.; \$6.50 per 100.

KING GEORGE V. Very large flowers of a brilliant cherry red; a new color and very handsome. 3 for 25c; 85c per doz.; \$6.50 per 100.

MRS. POTTER PALMER. Attractive large Tulip of glowing purple color. 3 for 25c; 85c per doz.; \$6.50 per 100.

PEKING. True deep yellow Darwin. Extra fine and a novelty in this class. 3 for 30c; \$1.15 per doz.; 8.50 per 100.

Collection No. 2B

1 each of the above varieties (6 bulbs) for.....	50c
3 each of the above varieties (18 bulbs) for.....	\$1.25
6 each of the above varieties (36 bulbs) for.....	\$2.25

General List

BARONNE DE LA TONNAYE. Bright rose, shaded blush. A beautiful, faultless flower. 3 for 25c; 75c per doz.; \$5.50 per 100.

BARTIGON. Fiery red. One of the best forcing varieties. 3 for 25c; 75c per doz.; \$5.50 per 100.

BLEU AIMABLE. Soft bluish lilac; very large flower. 3 for 25c; 75c per doz.; \$5.50 per 100.

CENTENAIRE. Pretty deep rose, flushed claret with a light blue center. 3 for 25c; 75c per doz.; \$5.50 per 100.

CLARA BUTT. Delightful soft salmon-rose. One of the leading varieties for bedding. 3 for 25c; 75c per doz.; \$5.50 per 100.

Darwin Tulips





Clara Butt
 Darwin Tulip

DARWIN TULIPS—Continued

- EDMEE.** Beautiful deep cherry-rose with silvery pink edges. 3 for 25c; 85c per doz.; \$6.50 per 100.
- FAUST.** Blackish violet and an enormous flower borne on strong stems. 3 for 25c; 85c per doz.; \$6.50 per 100.
- FARNCOMBE SANDERS.** Brilliant scarlet with a clear white base. Famous as a bedding variety. 3 for 25c; 75c per doz.; \$5.50 per 100.
- FEU BRILLIANT.** Lovely bright scarlet and one that will brighten up the Tulip bed materially. 3 for 25c; 85c per doz.; \$6.50 per 100.
- INGLESCOMBE YELLOW.** Large, globular flowers of a glossy canary-yellow. A charming cup-shaped Tulip and very fine for all purposes. 3 for 25c; 75c per doz.; \$5.50 per 100.
- LA FIANCEE.** Rosy mauve, edges light pink. Exceedingly fine. 3 for 25c; 75c per doz.; \$5.50 per 100.
- LA TULIPE NOIRE.** A very fine black Tulip with attractive velvety sheen. 3 for 25c; 75c per doz.; \$5.50 per 100.
- MARCONI.** Beautiful purple-violet with a conspicuous white base. 3 for 25c; 85c per doz.; \$6.50 per 100.
- MRS. KRELAGE.** Rose-pink, tinted lilac. Excellent tulip of large size. 3 for 25c; 75c doz.; \$5.50 per 100.
- OIDA.** One of the prettiest combinations, being a fiery scarlet-red with a pale blue base. 3 for 25c; 75c per doz.; \$5.50 per 100.
- PETRUS HONDIUS.** An extra large and showy variety of bright carmine-rose. 3 for 25c; 85c per doz.; \$6.50 per 100.
- PRIDE OF HAARLEM.** One of the best known varieties; old rose color. 3 for 25c; 75c doz.; \$5.50 per 100.
- PRINCE OF NETHERLANDS.** Rich deep cerise-rose with the petals margined pink and with a pale blue center. One of the finest Tulips. 3 for 25c; 85c doz.; \$6.50 per 100.
- PRINCESS ELIZABETH.** Soft lilac-rose. Good forcer. 3 for 25c; 75c per doz.; \$5.50 per 100.

- PROF. RAUWENHOF.** Glorious bright cherry red shaded salmon, with blue and white base. 3 for 25c; 75c per doz.; \$5.50 per 100.
- REV. H. EWBANK.** Heliotrope-lilac with a paler edge of the petals. Fine bedder. 3 for 25c; 75c per doz.; \$5.50 per 100.
- WHITE QUEEN.** Large ivory white. 3 for 25c; 85c per doz.; \$6.50 per 100.

Collection No. 3B One each of the above 22 varieties Darwin Tulips, not wrapped separately or named,
 22 bulbs \$1.25

A & M Special Darwin Mixed

A very choice assortment with splendid range of color. 60c per doz.; \$4.50 per 100.; \$40.00 per 1,000.

Tulips for Rock Gardens

The following varieties are especially recommended for Rock Gardens, and they are also valuable for garden borders.

- CLUSIANA** (The Lady Tulip). The inner petals are creamy white and the outside cherry-red with violet base. 8 inches high. 3 for 30c; \$1.15 per doz.; \$8.50 per 100.
- FLORENTINA.** Sweet scented, citron yellow. 3 for 30c; \$1.15 per doz.; \$8.50 per 100.
- KAUFMANNIANA** (The Water Lily Tulip). The large deep flowers are white tinted carmine with yellow center. Very early variety. 3 for 30c; \$1.15 per doz.; \$8.50 per 100.
- MARJOLETTI.** Tall and excellent for cutting. Pale lemon yellow with the exterior of petals splashed and edged red and rose. 3 for 30c; \$1.15 per doz.; \$8.50 per 100.

Cottage or May-Flowering Tulips

- DIDO.** Beautiful and effective large flower. Orange red with carmine shade. 15c each; \$1.50 per doz.; \$11.50 per 100.
- ELLEN WILLMOTT.** Elongated flower of soft creamy yellow color with reflexed petals. 3 for 30c; \$1.00 per doz.; \$7.50 per 100.
- GESNERIANA MAJOR.** Rich crimson-scarlet with blue-black center. Splendid for bedding. 3 for 30c; \$1.00 per doz.; \$7.50 per 100.
- GRENADIER.** A very large flower of beautiful orange color. An extra nice variety. 3 for 25c; 85c per doz.; \$6.50 per 100.
- INGLESCOMBE PINK.** Delicate rose-pink tinted salmon with a striking blue-green center. 3 for 25c; 85c per doz.; \$6.50 per 100.
- MOONLIGHT.** Large clear yellow with an elongated flower of distinct type. Very striking. 3 for 30c; \$1.00 per doz.; \$7.50 per 100.
- MRS. MOON.** A very deep golden yellow with long pointed petals reflexed at the tips. This is one of the most beautiful Tulips of the May-flowering class. 3 for 30c; \$1.00 per doz.; \$7.50 per 100.
- ORANGE KING.** Large globular flowers of glowing orange shaded scarlet, with yellow center and black anthers. 3 for 25c; 85c per doz.; \$6.50 per 100.
- PICOTEE.** A beautiful color combination of pure white margined rose. 3 for 25c; 85c per doz.; \$6.50 per 100.
- PRIDE OF INGLESCOMBE.** White bordered carmine rose. A long pointed flower and very effective. 3 for 25c; 85c per doz.; \$6.50 per 100.
- ROSABELLA.** Beautiful carmine rose with broad white edge and inside shell pink. The opening flowers resemble rosebuds. Prominent at all exhibitions. 3 for 25c; 85c per doz.; \$6.50 per 100.
- SIRENE.** A Lily Tulip of rich cerise-pink. The long pointed petals are reflexed at the tips. A distinct and novel variety. 3 for 25c; 85c per doz.; \$6.50 per 100.

Collection No. 4B One each of the 12 varieties May-flowering Tulips listed above, mixed; that is, bulbs not individually wrapped or named..... **85c**

May-Flowering Tulips Mixed

A grand mixture of many varieties including color combinations that are not listed above. 75c per doz.; \$5.50 per 100; \$50.00 per 1,000.

Breeder Tulips

The great demand for flowers of artistic coloring is bringing these Tulips into greater prominence each year; nature's happiest color combinations of purple and bronze, grey and lilac, yellow and bronze, brown and orange are revealed to us in no other class of Tulips. The flowers are large, of perfect form and are borne on tall, strong stems.

- APRICOT.** Beautiful deep bronze-orange. 3 for 25c; 85c per doz.; \$6.50 per 100.
- BRONZE QUEEN.** Velvety buff with the tips tinged apricot. 3 for 25c; 85c per doz.; \$6.50 per 100.
- DOM PEDRO.** Very distinct. A dull brown shaded maroon; inside mahogany. 3 for 25c; 85c per doz.; \$6.50 per 100.
- GOLDEN BRONZE.** The outside of the flower is old gold, the inside a deep golden bronze. 3 for 30c; \$1.00 per doz.; \$7.50 per 100.
- LOUIS XIV.** Purple, flushed golden bronze. Very stately. 3 for 30c; \$1.00 per doz.; \$7.50 per 100.
- LUCIFER.** Gorgeous large reddish-orange. Fine large flower. 3 for 30c; \$1.10 per doz.; \$8.50 per 100.
- MEDEA.** Crushed strawberry, shaded heliotrope, yellow

- center. Enormous flower. 3 for 25c; 85c per doz.; \$6.50 per 100.
- PANORAMA (Fairy).** Deep orange, shaded mahogany. Very large globular flower of brilliant color. 3 for 25c; 85c per doz.; \$6.50 per 100.
- PRINCE OF ORANGE.** Terra cotta with orange edge; sweet scented. 3 for 30c; \$1.10 doz.; \$8.50 per 100.
- ST. JAMES.** Dark rose-lilac, edged bronze, flushed coppery rose at tips. 3 for 25c; 85c doz.; \$6.50 per 100.
- VULCAN.** Strawberry-red with broad margin of buff-yellow; inside dark apricot and yellow. 3 for 30c; \$1.10 per doz.; \$8.50 per 100.

Collection No. 5B One each of the above 11 varieties of Breeder Tulips mixed but not wrapped individually or named for..... **85c**

A & M Breeder Tulips Mixed

Well balanced as to colors and will produce a pleasing color combination in large or small bed. 85c per doz.; \$6.50 per 100.



A & M Freesias

We are offering a complete list of wonderful colored Freesias, grown in our own fields, under expert supervision. They have been developed through years of skilful selection and are indeed a splendid achievement. We feel that we cannot recommend them too highly and you will be proud to have them in your garden.

Freesias may be planted from July until January. They are easily grown, blossom freely early in the spring and the bulbs will multiply and continue blooming for years. The soil should be well prepared and though they grow well in full sun they also may be planted in partial shade. All Freesias are fragrant and make good cut flowers.

Plant the bulbs one to two inches apart and cover to a depth of about two inches. Instead of just a single row, place the bulbs to make a row about 3 or 4 inches wide; this will give a very nice effect.

Freesias may be left in the ground from year to year, or if they are taken up it should be done after the foliage has become entirely cured or dry.

AMETHYST. A beautiful amethyst-blue with light center. This variety is of very strong, sturdy growth. 3 for 15c; 50c per doz.; \$3.50 per 100.

AURORA. A large flowering variety which is much admired, being a combination of picturesque sunset shades. 3 for 10c; 35c per doz.; \$2.50 per 100.

CALIFORNIA. A large flower of a bright golden yellow, extra fine, strong growth and long stems. 3 for 10c; 35c doz.; \$2.50 per 100.

CARMENCITA. Orange-salmon with buff shadings; long wiry stems. 3 for 10c; 35c per doz.; \$2.50 per 100.

CARRIE BUDAU. A lavender-pink. Large flowers and heavy stems; an enormous grower and producer. 3 for 10c; 35c per doz.; \$2.50 per 100.

COREO. Bright orange-red. The flowers open wide and are very large. 3 for 15c; 50c per doz.; \$3.50 per 100.

GIANT BUTTERCUP. Superior large flowers of golden yellow with orange throat. 3 for 15c; 50c per doz.; \$3.50 per 100.

GOLDEN DAFFODIL. Magnificent. Light yellow, orange throat; early variety. 3 for 10c; 35c doz.; \$2.50 per 100.

GOLDEN TREASURE. Bright yellow with dark lines in throat; tall and robust. 3 for 10c; 35c doz.; \$2.50 per 100.

LILA. Large graceful flowers of light lavender with pale yellow throat. Very free flowering. 3 for 15c; 50c per doz.; \$3.50 per 100.

MELBA. Dark pink with golden yellow throat. Large blooms with 3 to 4 flowers open at one time. 3 for 10c; 35c per doz.; \$2.50 per 100.

MENDOTA. Giant clear yellow variety of extra strong growth. One of the best yellows for keeping qualities. 3 for 10c; 35c per doz.; \$2.50 per 100.

MRS. MARC PETER. A very attractive deep rosy salmon shade with lower petals blotched orange and yellow. Flowers are of a good size and open up well. One of the earliest colored Freesias to bloom, and a fine cutting flower. 3 for 15c; 50c doz.; \$3.50 per 100.

MRS. R. CRAIG. Rosy violet; medium early. 3 for 10c; 35c per doz.; \$2.50 per 100.

SPLENDENS. Beautiful lavender-blue. 3 for 10c; 35c per doz.; \$2.50 per 100.

YELLOW PRINCE. A deep yellow flower. Very fine. Stems extra long and wiry. Good for cutting. 3 for 10c; 35c per doz.; \$2.50 per 100.



A & M Freesias

A & M COLORED FREESIAS MIXED. A general mixture of some of the finest colored varieties, including many from our trial grounds. A long row of these will include a great assortment of colors and will not only make a very attractive garden show, but will furnish fine flowers for cutting during the early spring months. 35c per doz.; 50 for \$1.35; \$2.50 per 100.

White Freesias

A & M IMPROVED PURITY. Large flowers of good substance and delightfully scented. Large size bulbs, 50c per doz.; \$3.00 per 100. Medium size bulbs, 25c per doz.; \$1.75 per 100.

VENTURA. Magnificent new variety with extraordinarily long tubes. The flowers are one-third larger than Purity and are pure white. Long stems; extra good substance. Very fragrant. 60c per doz.; \$4.50 per 100.

Lilies

All of the Lilies listed below do well in the open ground in Southern California. They require little care and are very satisfactory as a garden flower. Except where otherwise stated plant 8 to 10 inches deep in soil blended with leaf mold and peat. If the soil is heavy it should be mixed with sand and in any case place a little sand under and around each bulb. Avoid the use of lime. Lilies should not be disturbed after they are planted, but rather should be planted in a permanent bed. They multiply rapidly and produce a wealth of bloom. For pot culture plant the bulb in the pot a depth of about 1 inch, plunge the pot in soil several inches below the surface and leave it until growth appears. Plant in partial shade for best results and further protection from the sun is afforded by planting among low growing vegetation.

Please Note—Some varieties of Lily bulbs are imported from Japan and do not arrive in this country before December. Please mail your orders early and the bulbs will be mailed as soon as available and in good season for planting.

LILIUM CANDIDUM (Madonna Lily). A sweetly scented pure waxy white Lily with yellow anthers. Will thrive in almost any soil but is at its best in sandy loam. Bulbs should be planted three to four inches beneath the surface. The first set of leaves are strap and these wither away before the flower spike starts. Grows three to four feet high. 20c each; \$2.00 per doz.

LILIUM GIGANTEUM (Easter Lily). This is the large, pure white Lily that is planted mostly for Easter. Choice flowers of these may be produced in the open ground. 20c each; \$2.00 doz.

LILIUM PARDALINUM (Leopard Lily). This is one of the most easily grown Lilies. It will thrive in almost any soil, if given partial shade and plenty of water. Grows to a height of 3 to 5 feet, bearing flowers of a rich orange color, tipped with red and dotted with maroon. Plant the bulbs about 4 inches deep and leave them year after year. They increase rapidly if they are not disturbed. 20c each; \$2.00 per doz.

LILIUM TENUIFOLIUM. A slender growing Lily from Siberia with many deep waxy flowers on wiry stems. Grows about 20 inches tall and is very dainty. Excellent for pots and for well drained borders of pools. Plant 7 inches deep. 20c each; \$2.00 per doz.



Lilium Regale

Lilium Regale

This popular Lily may be seen growing in many gardens throughout California. The flowers inside are a canary-yellow fading to white and often suffused with pink. Outside they are white, shaded purple. They are one of the most profuse bloomers, specimen plants after they are two or three years old, bearing as many as 20 to 25 flowers. The Regal Lily, as it is often called, is particularly suited to California soil and climatic conditions. Plant 6 in. deep in heavy soil and deeper in light soil. Large Bulbs 20c each; \$2.00 per doz. Medium Bulbs 15c each; \$1.25 per doz.



Regal Lilies are very effective in mass plantings

LILIES—Continued

LILIUM AURATUM. Commonly known as the Japanese Gold Banded Lily, and undoubtedly one of the very finest. It is very graceful, being a delicate ivory-white in color and thickly studded with chocolate crimson spots with a gold band through the center of each petal. Delightfully fragrant. Extra large flowering bulbs, 20c each; \$2.00 per doz. (Ready in December.)

LILIUM AURATUM PLATYPHYLLUM. A glorious lily and one of the best in cultivation. The flowers are larger than Auratum but similar in color; the leaves are also larger. Tall growing. 30c each; \$3.00 per doz. (Ready in December.)

LILIUM RUBRUM. A delicately perfumed white Lily suffused rose-pink in the center and spotted blood-red with a green stripe at the base. This is one of the most beautiful garden Lilies. 20c each; \$2.00 per doz. (Ready in December.)

LILIUM TIGRINUM SPLENDENS. This is the lovely Tiger Lily bearing handsome, orange-salmon flowers spotted black. It is a good pot or garden variety, a free bloomer, and grows very tall. 20c each; \$2.00 per doz.

LILIUM HANSONI. Very strong growing variety bearing many elegant blooms on each stem. The flowers are a bright golden yellow, spotted brown. 30c each; \$3.00 per doz. (Ready in Dec.)

LILIUM SPECIOSUM ALBUM. Beautiful snow-white flower with a golden green stripe in the center of the petals and anthers of bronze color. 20c each; \$2.00 per doz. (Ready in December.)

LILIUM HENRYI. Very tall growing Lily with fine foliage. When well established it bears more than twenty flowers of deep orange-yellow. Plant 10 inches deep and shelter from wind. 20c each; \$2.00 per doz. (Ready in December.)



Lillium Auratum

Lily-of-the-Valley

Plants should be grown in the shade. Pips ready in November and December. \$1.00 per doz.

Hemerocallis

(Day Lily)

AURANTIACA. The beautiful orange colored flowers are very effective as a background or as a border to a shrubbery. The blooming season is quite long. 10c each; 85c per doz.

Agapanthus

(Blue African Lily)

A very hardy and sure blooming lily, bearing clusters of bright blue flowers on stiff stems about three feet high. The leaves are long, glossy and very decorative. 20c each; \$2.00 per doz.

BABY BLUE EYES or *Nemophila* is an excellent covering for any bulb bed. The seed should be sown on top of the bulb bed, about January 1st, covering with a light mulch of leaf mold. The *Nemophila* will bloom at the same time as the bulbs and makes a very dainty ground covering.



Lily of the Valley

Calochortus

(Mariposa Tulip)

Calochortus should have a special and separate bed where nature will care for them after they have been planted. Mix a liberal amount of leaf mold with the soil in preparing it and plant them in partial shade during October. Set them to a depth of about 3 inches and water them thoroughly.

On large estates it is well to let the rains start them and only in the case of severe drought should they be watered. After the blooming season leave them in the ground and without water. They are easily grown; they multiply rapidly and are one of our most attractive native California flowers.

CALOCHORTUS ALBUS. Fairy Lantern or Fairy Bell. These dainty, creamy white flowers are pendant like bells and there are often 10 to 20 flowers blooming at the same time on a plant, giving a very charming effect. They require partial shade. 75c per doz.

CALOCHORTUS MIXED. Contains many of the very finest varieties. 75c per doz.; \$3.50 per 100.

Chlidanthus Fragrans

(Miniature Amaryllis)

Very attractive plant bearing clusters of sweetly fragrant yellow flowers, very similar to small Amaryllis. 10 inches high. They are especially lovely planted with blue delphiniums in a perennial border. 3 for 15c; 50c per doz.

Lily Collection No. 1

One bulb each of Candidum, Regale and Tigrinum for 50c. Three bulbs of each for \$1.35, postpaid.

Lily Collection No. 2

One bulb each of Auratum, Rubrum and Tigrinum for 50c. Three bulbs of each for \$1.35, postpaid.

Allium

Charming starlike flower appreciated by all who grow it because of its splendid keeping qualities—it will remain fresh in water a week or ten days after cutting. The flowers are pure white with black centers and grow in clusters. 10 inches tall. Easy of culture. 35c per doz.



Allium

A & M Superfine Gladioli

Our Gladioli are grown on new, clean land each season, thus eliminating any danger from fungus that might be carried over from year to year. As an additional safeguard the bulbs are treated in a disinfectant solution before planting. No flowers are cut for sale from our fields. By allowing the flower and foliage to die down naturally more vitality returns to the bulb and it is superior in all respects. Gladioli should be planted about three inches deep in good soil, preferably in a sunny situation. Our bulbs will be ready November to December.

AFLAME. This is a beauty. It is a *Primulnus Grandiflorus* with very large graceful flowers well placed wide apart on the stem. The color is a flaming scarlet. 15c each; \$1.50 doz.

AIDA. Striking purple-blue with small reddish blotches on lower petals. Beautiful large flowers. 15c each; \$1.50 doz.

ALBATROSS. One of the finest white *Gladiolus*. The spikes are large with flowers of wonderful substance. No markings in throat. 20c each; \$2.00 doz.

AMERICA. Soft lavender-pink. Very popular. 4 for 25c; 60c per doz.

APRICOT GLOW. Graceful medium flowered apricot *primulnus* of recent introduction. 20c each; \$2 doz.

ATHENE. Fine salmon-rose-red; very distinct. 50c doz.; \$2.75 per 100.

BATTLE CREEK. An attractive almost self-colored deep violet. A showy flower of good size with many open at a time. 4 for 25c; 75c doz.

BERTY SNOW. Very fine light lavender with lovely silken sheen. 15c each; \$1.50 doz.

BETTY NUTHALL. A recent introduction that has proved a regular prize winner. The flowers are a vivid orange, pink and yellow and form a wonderful spike of splendid substance. Tall and vigorous. 10c each; \$1.00 doz.

BEVIER. Medium size flowers well placed. Salmon-pink, lower petal blotched primrose. 5 for 25c; 50c per doz.

BUCKEYE. Massive blooms of rose-pink. Do not fail to include a planting of this colorful variety. 4 for 25c; 60c per doz.

BUTTERBOY. Meritorious *Primulnus*. Large, buttercup-yellow flowers, nicely placed. Strong plant. 3 for 25c; 75c per doz.

CARDINAL PRINCE. Splendid red; darker than Dr. Bennett. 10c each; \$1.00 doz.

CHARLES DICKENS. Clear bright purple with velvety blotch on lower petal. Flowers are splendidly placed on stem. Good substance. 2 for 25c; \$1.25 per doz.

C. F. FAIRBANKS. Very beautiful and distinct orange-red with crimson center. Remarkably long stem. 10c each; \$1.00 doz.

COMMANDER KOEHL. A rich deep toned scarlet. The spikes are mammoth with large wide open blooms of heavy texture. 25c each; \$2.50 doz.

CORONADO. Exquisite large white *gladiolus* with glossy purple throat. Blooms are delightfully frilled. 25c each; \$2.50 doz.

CORYPHEE. Superb waxy light pink flower well formed and in perfect placement. Awarded many prizes. A Pfitzer masterpiece. 20c each; \$2.00 per doz.

CRIMSON GLOW. Glowing velvety crimson, shaded deeper in center; tall, strong grower and flowers well placed. 3 for 25c; \$1.00 per doz.

DARLING'S BEAUTY. *Primulnus*. Exquisite combination of yellow and pink hard to describe. Los Angeles florists are enthusiastic over this dainty variety. 2 for 25c; \$1.25 doz.

DAVID STARR JORDAN. Immense spikes of flame color overlaid scarlet. Open flowers. 3 for 25c 75c per doz.

A & M DIADEM. Distinctive form and dainty saffron-pink color. A new seedling which was very outstanding in our trials. 4 for 25c; 60c per doz.

DR. F. E. BENNETT. Peerless flame-scarlet variety with ruby throat. Flowers of good substance. 3 for 25c; 85c per doz.

DR. MOODY. Splendid large lavender; strong grower. 10c each; \$1.00 doz.

DR. VAN FLEET. Oriental red rayed over yellow. 3 for 25c; 75c per doz.

E. B. WILLIAMSON. Good for landscaping; it stands erect. Mallow purple. Highly desirable for bouquets. 3 for 25c; 75c doz.

E. J. SHAYLOR. Deep rose-pink. 4 for 25c; 60c per doz.

EMILE AUBRUN. Color a dusky rose red with rich ruby glow in throat. Eight or nine immense florets open at one time. A wonderful spike. 10c each; \$1.00 per doz.

EVELYN KIRTLAND. Coral-pink. 5 for 25c; 50c per doz.

A & M FLAMING SPIRE. Beautiful new *Primulnus* variety of striking rose doree color shading to scarlet with veining of lighter hue and slightly edged cream, giving feather-like appearance to petals. The spikes are long and graceful with medium sized flowers well placed. 2 for 25c; \$1.25 per doz.

FRANK M. SHICK. Clear geranium pink with soft cream throat. Many open at one time in good placement. 10c each; \$1.00 per doz.

GAIETY. Bright salmon pink with white blotches on lower petals. Large flowers and tall spike. 15c each; \$1.50 per doz.

GAY HUSSAR. A large radiant orange-red with lower petals stippled scarlet; good placement. 15c each; \$1.50 per doz.

GEORGE ARENDS. Pfitzer introduction. Very lovely salmon shade. Early and strong grower. 3 for 50c; \$2.00 per doz.

GLORIANA. Glorious bright rich salmon. A splendid spike in every way. 10c each; \$1.00 per doz.

GOLD EAGLE. Deep rich yellow blooms daintily frilled. 3 for 25c; 75c per doz.

GOLDEN DREAM. Deep golden yellow. One of the best clear yellow *Gladiolus* introduced. Very long, straight spike. 3 for 25c; 75c doz.



Orange Queen

A & M SUPERFINE GLADIOLI
—Continued

HALLEY. Salmon-pink. 5 for 25c; 50c per doz.

HELEN WILLS. Delightful large white flower shading to delicate canary on lower petals. Tall and vigorous. 15c each; \$1.50 per doz.

HERADA. Mauve. 4 for 25c; 60c doz.

HERBSTZAUBER. Glowing orange-salmon; an outstanding variety in this color class. 20c each; \$2.00 doz.

IMPROVED TIPLADY. Primulinus salmon-orange; very dainty. 15c each; \$1.25 per doz.

JACK LONDON. Light salmon with vermilion stripes. Canary - yellow throat with ruby stripes. A most beautiful color combination, good substance, tall, erect spike. 4 for 25c; 60c per doz.

JOE COLEMAN. Large, rich red. 10c each; \$1.00 doz.

JOHN TOLAND. An outstanding shade of peach red. 10c each; \$1.00 doz.

KARL VOLKERT. Magnificent flame-salmon with dash of yellow on lower petal. Many flowers open at same time on long spike. Wonderful introduction. 10c each; \$1.00 per doz.

KRIEMHILDE. Lilac-pink flower of noble form. Strong and healthy plant. 20c each; \$2.00 per doz.

LE MARECHAL FOCH. Light pink. 4 for 25c; 60c per doz.

LILAC OLD ROSE. Very charming color and good spike. 3 for 25c; \$1.00 per doz.

MAGNA BLANCA. Immense ivory white flowers splendidly placed on stem. Very tall. 25c each; \$2.50 per doz.

MARIETTA. Beautiful variety in a delicate shade of light salmon shading to burnt orange. The flowers are huge and well placed. 3 for 25c; \$1.00 per doz.

MARNIA. Delightful orange, flecked salmon. 4 for 25c; 75c per doz.

MARY O' MINE. Unquestionably one of the finest and largest white Gladiolus yet introduced. Perfect spikes with flowers of wonderful substance. 20c each; \$2.00 per doz.

MASTERPIECE. A giant ruffled flower of American Beauty rose color. Very good. 10c each; \$1.00 per doz.

MEXICAN FIRE OPAL. Magnificent rich deep orange flowers of medium size. A glorious spike. 25c each; \$2.50 per doz.

MIDSUMMER DREAM. Primulinus. A large and beautiful geranium-red. Extremely showy. 10c each; \$1.00 per doz.

MINUET. An exquisite flower of beautiful clear lavender. The spikes are of good size and florets nicely placed on straight stems. 2 for 25c; \$1.50 per doz.

MRS. DR. HAUFF. Bright scarlet; an exceptionally good spike. 15c each; \$1.50 per doz.

MRS. F. C. PETERS. Lovely rose-lilac with crimson blotch. 3 for 25c; \$1.00 per doz.

MRS. FRANK PENDLETON. Rose-pink with carmine blotch. 4 for 25c; 60c per doz.

MRS. LEON DOUGLAS. Huge begonia-rose flower with pale lemon tip. 4 for 25c; 75c per doz.

MRS. VAN KONYNENBURG. Matchless aniline - blue. Fine, healthy grower. 20c each; \$2.00 per doz.

NANCY HANKS. Rich apricot to orange-pink. Fine placement with many florets open at a time. 15c each; \$1.50 per doz.

1910 ROSE. Deep rose-pink. 4 for 25c; 60c per doz.

ODIN. Pink salmon. Florists consider this one of the finest Gladiolus for decorative purposes. 10c each; \$1.00 per doz.

ORANGE BUTTERFLY. Dainty bronze-orange primulinus. 10c each; \$1.00 per doz.

ORANGE QUEEN. Exceptional Primulinus variety with superb spikes of distinct glowing apricot-orange color. Very striking. 3 for 25c; \$1.00 doz.

OSALIN. Lovely coral-pink with soft orange markings. 2 for 25c; \$1.50 per doz.

PAUL PFITZER. Brilliant velvet purple. Very rich color and much admired. Perfect placement. 10c each; \$1.00 per doz.

PFITZER'S TRIUMPH. One of the largest and most striking Gladioli in the garden. It is a flaming scarlet orange though usually placed in the red class. 15c each; \$1.50 doz.

PEARL OF CALIFORNIA. Soft La France pink shading to rosy white throat. 15c each; \$1.50 per doz.

PRIMROSE PRINCESS. Strong growing rich primrose-yellow. We consider this one of the finest light yellow Gladiolus in all respects and well worthy of a place in the Gladiolus garden. 10c each; \$1.00 per doz.

PRINCE OF INDIA. Combination of orange buff and salmon. Lower petals orange crimson on cream; striped. 15c each; \$1.50 per doz.

QUEEN MARY. Salmon and rose blended. Beautifully ruffled. 20c each; \$2.00 per doz.

ROBT. J. KUNDERD. Very fine rich deep red. A showy self color. 10c each; \$1.00 per doz.

ROSE GLOW. Very beautiful flower of fine rose plnk. 15c ea.; \$1.50 doz.

SALBACH PINK. Long graceful spikes of glowing geranium pink with soft throat markings. Fine placement. 15c each; \$1.50 per doz.

SARABAND. Large wide open flowers of velvety-wine color with yellow blotch. 10c each; \$1.00 per doz.

SCHWABENGIRL. A real beauty that opens many florets together. Exquisite color of pure self pink. \$2.00 each.

SEARLE'S BEAUTY. Extra fine scarlet; good stem and placement. 10c each; \$1.00 per doz.

SULPHUR FRILLS. Medium sized flowers nicely ruffled. Pure sulphur shade. 10c each; \$1.00 per doz.

TWINKLES. Dainty salmon-rose with blush and buff throat. Graceful plant. 3 for 25c; 75c per doz.

TYRIAN BEAUTY. Exquisite shade of magenta - rose. Elegant large blooms. Highly recommended. 3 for 25c; 75c per doz.

VIRGINIA. Brilliant scarlet and very attractive. 5 for 25c; 50c per doz.

W. H. PHIPPS. The wonder Gladiolus. Spikes are enormous with several flowers open at the same time. Lovely salmon - plnk; lower petals faintly speckled ruby. A prize winner. 4 for 25c; 75c per doz.

YELLOW WONDER. Soft silky yellow of delicate shade; splendid spike. 35c each.

DE LUXE MIXTURE. Includes many of the finest varieties listed above and numerous worth while seedlings from our trial grounds. Many delightful surprises will be found in this mixture. 50c per doz.; \$3.75 per 100; \$35.00 per 1,000.

CHOICE MIXTURE. Grown from the best mixture of bulb-lets. A splendid range of colors will be obtained from this fine assortment. 25 for 75c; \$2.50 per 100; \$22.50 per 1,000.

PRIMULINUS MIXED. Many of the most recent introductions are included in this mixture. This type is very valuable as a cut flower, the long, slender spikes lending themselves to most artistic arrangements in vases. 50c per doz.; \$3.50 per 100; \$30.00 per 1,000.

Baby Gladioli

Baby Glads are different and they usually come at a time when other flowers are scarce. They are excellent for cutting purposes or for garden show and many spikes are produced from a single bulb. Bulbs multiply from year to year.

APOLLYN. Pleasing salmon shade.

OLD ROSE. Beautiful color.

PINK PERFECTION. Finest pink.

RED BRIDE. Best red.

THE BRIDE. Pure white.

MIXED.
50c per doz.; \$3.50 per 100.

LAWNS should be raked and reseeded during the fall. A & M VELVET LAWN GRASS SEED is specially blended for California conditions—see page 29.



Hardy or German Iris

This class of Iris, sometimes known as "Bearded" Iris, has justly come into popular favor and is the crowning glory of the spring garden. In planting a selection of these perennials a magnificent range of color is assured, seldom obtained in other subjects. The plants should be set out in a sunny situation from June to December. It is a good plan to work a small quantity of Gypsum into the soil, which is both beneficial to growth and a preventative of Iris rot.

Outstanding Varieties

- MAUNA LOA.** A Mesopotamica strain producing lovely reddish flowers; very conspicuous in the garden. 4 feet. \$1.50 each.
- EL CAPITAN.** Rich violet in color and highly commended. One of the largest flowered iris in cultivation. 4 feet. 75c each.
- FIREFALL.** Brilliant flower; bright red with glowing yellow beard. Good sized blooms. 2½ ft. 75c each.
- ROSULTRA.** Very floriferous and makes a good garden clump. It is also very vigorous and is an exquisite shade. 3½ feet. 75c each.

Six De Luxe Varieties

- CANOPUS.** Large flowers of a rich bronze purple. Many flowers open at one time.
- MME. DURRAND.** Wonderful large flowers of buff, flushed with lilac and amber. One of the most beautiful of all irises. 4½ feet.
- MILDRED PRESBY.** Cream standards and glowing velvety violet falls. A popular variety. 2½ feet.
- RIALGAR.** Large flowers with bright yellow standards and brown falls. 2 feet.
- SAN GABRIEL.** Large fragrant flowers of lustrous lavender, flushed rosy mauve. Very early. Single clumps have bloomed continuously for eight weeks. 5 feet.
- STIPPLES.** Picturesque flower with white falls and blue standards, stippled violet. 2½ feet.

Price, any of the above, 50c each; 3 for \$1.25.

- DE LUXE COLLECTION.** One each of the six varieties, \$2.25; three each of the six varieties, \$6.00.

Six Exquisite Varieties

- AMBASSADEUR.** Standards lavender suffused bronze, falls velvety maroon. One of the most popular sorts grown. Late blooming. Tall.
- DELICATISSIMA.** Delightful rose pink; tall.
- EDEN PHILLPOTTS.** Large flowering dark lavender blue.
- JULIA MARLOWE.** Highly esteemed large reddish flower.
- MADAME GAUDICHAU.** Standards violet; falls brilliant dark purple. Growth rampant. 3 feet.
- TRUE DELIGHT.** Beautiful white "plicata" with rose-colored veining. Free flowering. 3 feet.

Price, any of the above, 35c each; 3 for 85c.

- EXQUISITE COLLECTION.** One each of the 6 varieties, \$1.50; three each of the 6 varieties, \$4.00.

Six Select Varieties

- AFTERGLOW.** Lavender, grey and yellow blend.
- DREAM.** Lovely orchid-like flower of rose-pink self color with orange beard. Perfect form, long bloomer.
- ED. MICHEL.** Large and handsome wine-red flower. Exceptionally fine.
- KASHMIR WHITE.** A very pleasing tall pure white variety with the fragrance of the Lily of the Valley.
- MESOPOTAMICA.** An outstanding blue and violet variety; tall and early.
- YELLOW MOON.** An amber yellow self excellent for massing. 3 feet.

Price, any of the above, 25c each; 6 for \$1.25.

- SELECT COLLECTION.** One each of the 6 varieties, \$1.15; three each of the 6 varieties, \$3.00.



Hardy Iris

Twelve Choice Varieties

- ARSACE.** Pink-lilac; good foliage.
- CORRIDA.** Standards violet; falls light blue.
- CRUSADER.** Brilliant bi-color blue.
- LADY CHAS. ALLOM.** Rich dark blue.
- LADY FOSTER.** Standards pale blue; falls light bluish violet. Very large flowers. 3½ feet.
- QUEEN CATERINA.** Charming lavender self.
- RAJPUT.** Fine violet self.
- RICARDI FONCE.** An early light violet.
- ROSADO.** Beautiful large clear pink.
- SINDJKHA.** Dull lavender and buff. Fine form. 4 feet.
- SOLEDAD.** Beautiful pale yellow self; early, hardy. 2 feet.
- SWEET LAVENDER.** Ruffled rose lavender.

Price, any of the above, 10c each; \$1.00 per doz.

- CHOICE COLLECTION.** One each of the 12 varieties, \$1.00; three each of the 12 varieties, \$2.75.



Dutch Iris

Dutch Iris

Dutch Iris are considered by many to be superior to Spanish. They are earlier and larger.

- IMPERATOR. (Fillfolia). Late blue. 3 for 25c; 75c per doz.
- THERESE SCHWARTZ. Lavender and white. 10c each; 85c per doz.
- D. HARRING. Large white. 10c each; 85c per doz.

YELLOW QUEEN. Early yellow. 10c each; 85c per doz.

WEDGEWOOD (Tingl-tana Hybrid). Large clear wedgewood blue. Very tall and vigorous. 20c each; \$2.00 per doz.



Anemones, Coronaria

Ranunculus

Plant These in Quantity for Cut Flowers or Garden Show

During recent years the Ranunculus has become one of our most popular early spring blooming flowers, being used extensively for massed beds or for borders.

They may be planted from September to February or March, the earlier planting, however, will produce a more sturdy growth and a greater number of flowers over a longer blooming period.

Plant with the claws downward; set a few inches apart in the row and cover to a depth of 3 to 4 inches. The general cultural directions for Ranunculus are practically the same as those for Anemones to which please refer. We have discontinued offering 2-year-old bulbs as we find they tend to deteriorate after the first year.

A & M SUPERBA HYBRIDS. These wonderful hybrids are grown from a famous strain of seed recently imported into this country and many growers who are producing cut flowers have pronounced them the best that have appeared on the Los Angeles market. The flowers are unsurpassed in range of brilliant and desirable colors and they come almost 100 per cent double.

- Extra Large Bulbs—65c per doz.; \$5.00 per 100.
- Large Bulbs—45c per doz.; \$3.50 per 100.
- Medium Bulbs—25c per doz.; \$1.00 per 50; \$1.85 per 100.



A & M Superba Hybrids Ranunculus

Anemones

With their bright and varied colors Anemones make a splendid showing during the spring and should be planted extensively for best effects. They are also excellent as cut flowers and make pleasing bouquets. Plant during fall and winter in slightly raised beds on well drained land where they will not get too much water. Set the bulbs 5 to 6 inches apart and 3 to 4 inches deep with the pointed ends downward. Keep them on the dry side at all times if possible. Finely ground bone meal applied at the rate of 3 ounces to the square yard and well mixed in the soil is a suitable and safe fertilizer.

A & M GIANT SINGLE CORONARIA. This fine mixture of single poppy-like flowers includes a medley of colors—red, pink, blue, white, etc. Large bulbs, 45c per doz.; \$3.50 per 100. Medium bulbs, 25c per doz.; \$1.85 per 100.

A & M ST. BRIGID. A beautiful selection from the Coronaria type containing many doubles and semi-doubles in the choicest colors. Large bulbs, 50c per doz.; \$3.75 per 100.

HIS EXCELLENCY. Very beautiful large single scarlet flowers on strong stems. Large bulbs, 50c per doz.; \$3.75 per 100.



Amaryllis, Vittati Hybrids

Brodiaea

BRODIAEA CAPITATA. This very attractive native California flower is often referred to as "Wild Hyacinth." The violet-blue flowers grow in clusters on stems 2 feet tall. They are of easy culture—thriving in hot or dry places and in any good garden soil. Plant about 3 inches deep and give them the same culture as Calochortus. 50c per doz.; \$3.50 per 100.

BRODIAEA LAXA. A handsome, large flowering variety. There are 20 to 30 large purple flowers to an umbel. Height about 2 feet. Will thrive in either sun or shade. 75c per doz.; \$5.00 per 100.

Ismene Calathina

(Peruvian Daffodil)

Lovely large pure white flowers particularly admired for its haunting fragrance and excellent keeping qualities. The bulbs should be planted in a sunny situation and they may be left in the ground from year to year to multiply. The plants grow to a height of 3 feet and the foliage remains green and pretty most of the year. 15c each; \$1.25 per doz.

Ixias

These beautiful flowers grow on graceful stems 12 inches to 18 inches high and require the same culture as Freesias. They are excellent for cutting and are increasing in popularity each year.

YELLOW SHADES MIXED. 35c per doz.; \$2.75 per 100.

Ornithogalum

ARABICUM. Large clusters of pure white, star-shaped flowers with a jet black center and a delightful perfume. They grow to a height of about 2 feet, are very attractive and are easily grown. 10c each; 75c per doz. (Illustrated page 19.)

Oxalis

These attractive flowers are useful for borders, hanging boxes and window boxes. They bloom freely in partial shade and are particularly attractive for winter flowering. Plant 2 inches deep and about 6 inches apart.

BOWEI. Very desirable type. Flowers a brilliant rose. 35c per doz.

Pancratium Maritimum

(Spider or Spirit Lily)

This attractive plant belongs to the Amaryllis family and forms clumps which, when in bloom, are a mass of clustered heads of pure white waxy flowers. The flowers are of peculiar and interesting structure and are borne 5 or 10 to the umbel. The fragrance is unsurpassed. Extra large bulbs, 10c each; 75c per doz.

Amaryllis

BELLADONNA MAJOR. This variety has luxuriant green foliage during the fall, winter and spring. During late spring the foliage dies off and in July and August the flower stalks rise from the bare ground with umbels of lovely, rose-pink lilies. The flowers are fragrant and keep well. The bulbs should be planted during the fall, but do not always flower the first year if planted late. Large size, 20c each; \$2.00 per doz. Small bulbs, 15c each; \$1.50 per doz.

VITTATI HYBRIDS. The finest of this class. The flowers have six petals of velvety texture, which curve back and open wide so that these gorgeous flowers often measure 8 to 10 inches across. The colors vary through all shades of red, scarlet, pink and white. 45c each; 3 for \$1.20.

JOHNSONI. Brilliant red and very large flowers. One of the finest. 25c each; \$2.50 per doz.

Crocus

One of the first flowers to bloom in early spring. Grows 3 to 4 inches high and is excellent for borders or masses. Will do well in partial shade.

BARON VON BRUNOW. Dark blue. 50c per doz.; \$3.50 per 100.

SIR WALTER SCOTT. White, lilac stripe. 50c per doz.; \$3.50 per 100.

KING OF THE WHITES. 50c per doz.; \$3.50 per 100.

EXTRA LARGE YELLOW. 75c per doz.; \$5.50 per 100.

MIXED. All colors. 45c per doz.; \$3.25 per 100.

Bulbs for Spring Planting

The following bulbs are not usually available for fall planting and are not, therefore, offered in this catalog. Full particulars and prices will be found in our General Catalog issued January 1st.

ANTIGONON LEPTOPUS, the lovely Queen's Wreath.
BEGONIA, tuberous-rooted. **CANNAS.** **DAHLIAS.**
TUBEROSES. **TIGRIDIA PAVONIA,** the very lovely Shell Lily—no garden is complete without this.

Chionodoxa

(Glory-of-the-Snow)

These are lovely early spring flowers blooming in February, March and April and are generally used for borders or for pot culture. The flowers are blue with six or more to a stem. The bulbs may be left in the ground, lifting only every 3 or 4 years. Plant 3 inches deep, 4 inches apart. 3 for 15c; 50c per doz.; \$3.00 per 100.



Chionodoxa

White Calla

Very popular for outdoor bedding in California. They should be taken up every fourth year and the bulbs separated. Dig during June, dry thoroughly and transplant. 15c each; \$1.65 per doz.

Yellow Calla

One of the most attractive flowers grown, suitable for outdoor bedding or for pot culture. The blossom is large and a deep golden yellow. The leaves are spotted white. Small bulbs, 15c each; \$1.65 per doz. Large bulbs, 25c each; \$2.50 per doz.

New Pink Calla

These desirable plants grow to a height of about 18 inches, the flowers being miniature callas, 1½ inches to 2 inches across, of an attractive rose-pink shade. They are grown very successfully out-of-doors in Southern California or they may be grown in pots for house decoration. 75c each; 3 for \$1.60.

Black Calla

A most remarkable and rare plant having flowers shaped like the ordinary Calla but is a crimson-maroon color so dark that it appears to be black. The plant grows to a height of about 3 feet and the foliage is very decorative. 50c each; 3 for \$1.15.

Snowflakes

(*Leucojum Vernum*)

Pretty little white bells with a bright dot of green, hanging gracefully on stems eight to ten inches long make these little early spring flowers a delight to all. Plant the bulbs 3 inches deep and give the same culture as Narcissi. 75c per doz.; \$5.00 per 100.

Snowdrops

(*Galanthus*)

Dainty little pendulous flowers which bloom early in the spring. The bell-shaped flower is white tipped with green. They prefer a cool, moist situation. 3 for 20c; 60c per doz.; \$4.50 per 100.

Sparaxis

A small bulbous plant bearing flowers very similar to the Ixias. The flowers are slightly larger and there is a great range of colors, making them very attractive as bedding plants. Plant them about 2½ inches deep and 2 or 3 inches apart. 50c per doz.; \$3.50 per 100.

Sprekelia

FORMOSISSIMA (Jacobean Lily). Brilliant flowers of bright crimson with narrow spreading petals. Closely allied to the Amaryllis. 20c each; \$2.00 per doz.

Tritonia

MIXED. Very showy flowers in shades of pink and salmon. Grows about 1 foot tall and the culture is much the same as for Freesias. Will be widely planted when better known. 50c per doz.

Zephyranthes

(*Fairy Lily*)

CANDIDA. Beautiful white flowers and attractive foliage, making it a very desirable plant for borders and beds. Height about 1 foot. Long blooming season. Bulbs multiply rapidly. 50c per doz.; 100 for \$4.00.

ROSEA. A beautiful variety with rose-colored flowers. 75c per doz.; 100 for \$5.50.



Yellow Callas

Watsonia

A clump of Watsonia in a partially shaded nook will add an artistic touch to the garden and will furnish beautiful spikes for cutting. However, like Gladioli to which they are closely allied, they prefer full sun. The bulbs of these are ready for planting in August and the sooner they are planted after this the better will be the results. Bulbs that are kept out of the ground more than three months begin to deteriorate, therefore, we do not offer them after November 15th. Plant them about 3 or 4 inches apart and cover to a depth of about 2½ or 3 inches.

New and Lovely Watsonias

BRIGHTON. Lovely large wide open flowers of purple rose or dark mauve. 4 feet.

MARGINATA. Exceptionally long spikes of dainty lavender pink. Unlike any other variety of Watsonia and very rare. 6-7 feet.

MELBOURNE. Salmon pink flowers of medium size well placed on the stems. 4 feet.

VICTORIA. Very large, cerise rose and salmon. Beautiful flower. 5 feet.

Price, each of the above, 25c each; \$2.50 per doz.

Choice Watsonias

CLEMENTINA. Salmon-rose.

ED. D. STURTEVANT. Vivid orange scarlet.

ESTRELLA. Cream.

EUNICE. Light salmon-pink.

FANNIE LYON. Delightful apricot buff.

J. J. DEAN. Deep rose-pink.

GIANT WHITE (Ardernii). Pure white.

Price, each of the above, 10c each; 75c per doz.

MIXED. A splendid mixture of best shades. 65c per doz.

Water Lilies

See page 73 of our General Catalog for complete list of Water Lilies and aquatic plants for present planting.

Bulb Fiber

Bulb Fiber is excellent for use in pot culture of Hyacinths, Tulips, Narcissi, Chinese Lilies, etc. Our Bulb Fiber is especially prepared; it requires no drainage and may be used in all kinds of bowls and jardinières. Quantity sufficient for 6- or 8-inch bowl, 15c; larger quantity, 25c per lb.

Bone Meal

A suitable and safe fertilizer for all bulbs. 1 lb., 10c; 5 lbs., 35c; 25-lb. bag, \$1.00; 100 lb. bag, \$2.50. Postage or freight extra.

Depth to Plant Bulbs

Inches	Inches	Inches
Agapanthus 4-6	Freesias 2	Ornithogalum 3-4
Allium 1	Gladioli 3	Ranunculus 3-4
Amaryllis 2-4	Hyacinths 5-7	Snowdrops 2
Anemones 3-4	Lilies 8-10	Tulips 5-7
Crocus 2-4	Lily-of-the-Valley .. 2-3	Watsonias 3
Daffodils 5		



Ornithogalum—see page 18

Flower Seeds for Fall Planting

The various Flower Seeds here listed are especially recommended for planting in the fall in California and similar climates. By sowing in August and September many varieties come into bloom in early spring when the outlook is usually bare. The seeds in A & M Packets are the finest that can be procured and are always fresh.

Antirrhinum

(Snapdragon)

Perennial. If grown in the fall it will be one of the earliest spring flowers. Splendid for cutting. A & M California Snapdragons are the finest strain obtainable.

Tall Maximum

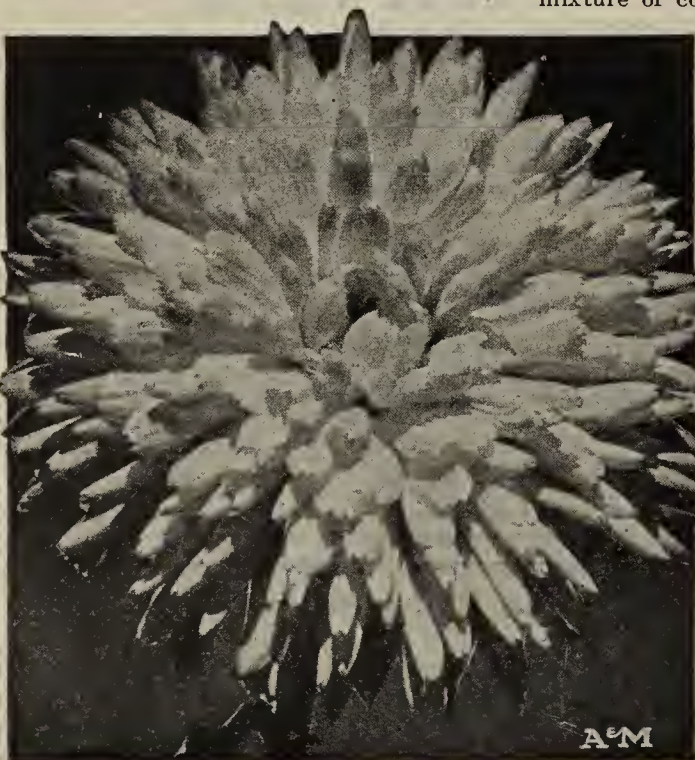
The newest creation in Giant Snapdragons. Height 4 feet.

APPLE BLOSSOM. Rosy pink, yellow lip. Pkt. 20c.
CANARY BIRD. Pkt. 20c.
COPPER KING. Pkt. 20c.
JENNIE SCHNEIDER. Pink. Pkt. 25c.
OLD GOLD. Pkt. 20c.
PURPLE KING. Pkt. 20c.
ROCK'S WHITE. Pkt. 20c.
THE ROSE. Pkt. 20c.
FINEST MIXED. Pkt. 15c; 1/8 oz. 35c.
COLLECTION 28F. One packet each of five separate colors 75c.

Semi-Dwarf Large Flowering

Height 18 inches.

AMBER QUEEN. Pkt. 15c.
CLIMAX. Orange-scarlet. Pkt. 15c.
DEFIANCE. Scarlet. Pkt. 15c.
GLORIA. Rose. Pkt. 15c.
GOLDEN YELLOW. Pkt. 15c.
PHILADELPHIA PINK. Pkt. 25c.
PURITY. White. Pkt. 15c.
ROSY LAVENDER. Pkt. 15c.
SEMI-DWARF MIXED. Pkt. 10c; 1/4 oz. 35c.
COLLECTION 28A. One packet each of six separate colors 65c.



Calendula, Radio

Tall Large Flowering Antirrhinum

Height 3 feet.

TALL MIXED SNAP-DRAGON. Pkt. 10c; 1/4 oz. 25c.

Acroclinium

Everlasting flower, height 1 foot. Annual.

DOUBLE ROSEA. Bright pink. Pkt. 10c.
DOUBLE MIXED. Pink and white. Pkt. 10c.

Alyssum

Blooms continuously; used for beds and borders. Annual.

LITTLE GEM. Height 6 inches. Pkt. 10c; 1/4 oz. 25c.

LILAC QUEEN. Pkt. 10c; 1/4 oz. 25c.

SWEET WHITE. Height 8 inches. Pkt. 10c; oz. 30c.

SAXATILE YELLOW. Perennial. Height 1 foot. Pkt. 10c; 1/4 oz. 25c.

Anemone

(Windflower)

GIANT FRENCH SINGLE MIXED. This lovely flower may be grown from seeds as well as bulbs. Our seed has been saved from an extra fine strain and contains a choice mixture of colors. Pkt. 25c.

Bartonia Aurea

Annual. Bright golden yellow flowers. Easy to grow. 2 to 3 feet high. Beautiful cut flower. Pkt. 10c.

Browallia

ELATA BLUE. Profuse flowering annual, blooming in early spring if sown in August or September. Pkt. 15c.



Aquilegia, Long Spurred Hybrids

Aquilegia

(Columbine)

Perennial. Attractive foliage with graceful flowers on long stems. Succeeds well in shady locations. Must be planted in fall for spring blooming.
LONG SPURRED HYBRIDS. Elliott strain. Mixed. Pkt. 15c.
LONG SPURRED BLUE. Pkt. 20c.
LONG SPURRED PINK. Pkt. 20c.
LONG SPURRED ORANGE AND SCARLET. Pkt. 20c.
COLLECTION 7F. One pkt. each of the above 3 separate colors, 45c.
SINGLE MIXED. Pkt. 10c.
DOUBLE MIXED. Pkt. 10c.

Agathea

Sometimes referred to as the Blue Marguerite. Plants dwarf and compact, covered throughout a long season with myriads of small Blue Marguerite-like flowers. These are splendid for cutting purposes. Pkt. 10c.

Bellis Perennis

(Double English Daisy)

Perennial. Used for borders. About 4 inches high. Will flower all through spring and summer.

DOUBLE PINK. Pkt. 10c.
DOUBLE WHITE. Pkt. 10c.
DOUBLE RED. Pkt. 10c.
DOUBLE MIXED. Pkt. 10c.

Calliopsis

Annuals. Profuse bloomers. Will bloom in ten weeks from seed.
DWARF MIXED. Pkt. 10c; 1/2 oz. 25c.
TALL DOUBLE MIXED. Height 3 feet. Pkt. 10c; oz. 30c.
TALL SINGLE MIXED. Height 3 feet. Pkt. 10c; oz. 30c.



Canterbury Bells—Single

Calendula
(Pot Marigold)

Hardy annual. One of the very best winter flowers. Of easy culture.
RADIO. A distinct and new form of Calendula. The petals are quilled and of a brilliant orange color; very striking. Pkt. 20c.
CAMPFIRE. Beautiful orange with scarlet sheen. Pkt. 20c.
BALL'S ORANGE. Glowing orange. Pkt. 15c.
BALL'S GOLD. Pkt. 15c.
BALL'S SUPREME. Light orange with dark center. Pkt. 15c.
ORANGE KING. Pkt. 10c; oz. 40c.
LEMON QUEEN. Pkt. 10c; oz. 40c.
CHOICE MIXED. Pkt. 10c; oz. 25c.

Candytuft

Hardy annual. Twelve to eighteen inches high. Rapid grower. Flowers borne in umbels. Very fragrant. Useful for cut flowers and bedding. Mass in solid colors for best effect.
UMBELLATA. Crimson, pink, lavender, rose or flesh. Each, pkt. 10c.
UMBELLATA. Mixed. Pkt. 10c; oz. 30c.
WHITE HYACINTH - FLOWERED. Pkt. 10c; 1/2 oz. 45c.

Perennial Candytuft
(Iberis)

GIBALTARICA. Flowers lilac; valuable for rock gardens and borders. Height 6 inches. Pkt. 10c.

Catananche

COERULEA. Pretty deep flowering perennial of the Daisy order, growing 2-3 feet high. Very useful for cutting. Pkt. 10c.

Canterbury Bells

Hardy biennial. Beautiful flowers, which should be planted in early autumn for spring blooming.

SINGLE. Rose, blue or white. Pkt. 10c.
SINGLE MIXED. Pkt. 10c; 1/2 oz. 25c.
DOUBLE MIXED. Pkt. 15c; 1/2 oz. 45c.
CALYCANTHEMA MIXED (Cup and Saucer). Pkt. 15c.
CAMPANULA LONG-ISTYLA. Blue flowers. Height 20 in. For rockeries and borders. Pkt. 20c.

Calceolaria

The flowers are small, pocket shaped, beautifully tigered or spotted and are borne in great profusion. For best results the seed should be sown in a hotbed or frame during the winter for spring planting out.
GRANDIFLORA. Tall Tigered Mixed. Pkt. 50c.

Centaurea Cyanus

(Cornflower or Bachelor Button)
 This old-fashioned hardy annual is still a great favorite for cutting purposes.

DOUBLE WHITE. Pkt. 10c.
DOUBLE PINK. Pkt. 10c.
DOUBLE BLUE. Pkt. 10c; oz. 45c.
DOUBLE MIXED. Pkt. 10c; oz. 40c.

Centaurea Imperialis

(Royal Sweet Sultan)
 Annual. One plant furnishes many flowers. Especially valuable for cutting. Has long blooming season. Rose, Lavender, Purple, White, Amaranth-Red. Each, Pkt. 10c.
A & M MIXED. Pkt. 10c; 1/4 oz. 25c.

Cineraria

For exquisite beauty and range of color Cinerarias stand supreme. They are ideal for shady situations and they make graceful pot plants for house decoration. Seed should be sown in flats from July to November and the plants will bloom the following spring.
A & M SEMI-DWARF MIXED. The finest strain. Pkt. 35c.
HYBRIDA LARGE FLOWERING DWARF MIXED. Pkt. 20c.

Cheiranthus

ALLIONI. Perennial bearing gorgeous orange flowers. Height 12 to 18 in. Charming in borders and rock gardens. Pkt. 10c; oz. 45c.

Carnation

ENFANT DE NICE (New). A fine carnation with upright growth. A wide range of colors. Pkt. 25c.
ENGELMAN'S GOLD MEDAL. Splendid new strain of Perpetual Carnation, containing many unusual colors. Flowers are large and of good form. Finest mixed, Pkt. 20c.
CHABAUD'S EVERBLOOMING. Blooms quickly and freely. In separate colors of Bright Red, Silvery Pink, Deep Red, Bright Salmon-Pink, White, Deep Rose and Light Yellow. Each, Pkt. 15c. Chabaud's Fine Mixed, Pkt. 15c.
MARGUERITE. Mixed. Hardy. Easy to grow from seed. Will bloom in four or five months. Pkt. 10c; 1/4 oz. 50c.

Clarkia
(Double)

Annual. Height 2 feet. Fall sown seed produces early spring flowers. A beautiful, showy plant, very useful for cutting.
FIREBRAND (New). Pkt. 15c.
SALMON QUEEN. Pkt. 10c.
BRILLIANT PINK. Pkt. 10c.
CHAMOIS. Pkt. 10c.
MIXED. Pkt. 10c, 1/2 oz. 45c.

Coreopsis Lanceolata

LANCEOLATA GRANDIFLORA SINGLE. Perennial. Plants of this beautiful yellow flower which are started in the fall will produce large flowers during late spring and summer. Pkt. 10c, 1/2 oz. 25c.
IMPROVED DOUBLE YELLOW. Pkt. 15c.
AURICULA SUPERBA. Golden yellow with brown zone. Pkt. 25c.

Cosmos

Early Giant Flowering. Annual. This class of Cosmos will produce in late winter and early spring. The flowers are large and the plants about 3 feet high.
EARLY CRIMSON, PINK or WHITE. Pkt. 10c.
EARLY MIXED. Pkt. 10c; 1/4 oz. 20c.

Cyclamen

A tender, bulbous perennial, used in greenhouses and window gardens. It is easily grown from seed. Sow in the fall or early spring.
EXTRA CHOICE MIXED. Pkt. 35c.



Cheiranthus Allioni

Delphinium

(Perennial Larkspur)

One of the most popular border plants for spring and summer blooming, the riot of the varied blue tints being strikingly effective. Sow in flats from August to November and transplant when large enough. For best methods of sowing, see formula, p. 27.

A & M SUNBEAM HYBRIDS. Wonderful color combination. Height 3 to 5 feet. Pkt. 25c.
WREXHAM HOLLYHOCK STRAIN. Flowers long and tapering. Pkt. 20c.
BELLADONNA. Turquoise blue. Height 3 to 5 ft. Pkt. 15c; 1/8 oz. 35c.
BELLAMOSA. Dark blue. Height 3 to 5 feet. Pkt. 15c; 1/8 oz. 35c.
GOLD MEDAL HYBRIDS. Mixed. Height 3 to 5 ft. Pkt. 15c; 1/8 oz. 35c.
CHINENSIS. Fine mixed. Pkt. 10c; 1/4 oz. 30c.
DELPHINIUM CARDINALE. Scarlet. Pkt. 15c; 1/8 oz. 50c.

Daisy, Shasta

Perennial. The seed of this popular flower should be sown in fall to produce flowers in the following summer.
ALASKA. Pkt. 10c.

Digitalis

(Foxglove)

Hardy perennial. Seed must be sown in fall for spring blooming. Will grow in shady locations. Grows 3-6 ft. high.
GLOXINIAEFLORE MIXED. Pkt. 10c.
GIANT SHIRLEY. Mixed. Pkt. 15c.

Eschscholtzia

Or California Poppy

Hardy annual. Seed may be sown from October until April. Fall sown seed will bring large early flowers. Plant more California Poppies.

Fluted and Ruffled Varieties

RAMONA HYBRIDS MIXED. Glistening coppery gold with pink shadings. Pkt. 25c.
ORANGE FLAME. Vivid orange-scarlet. Pkt. 15c; 1/4 oz. 50c.
DAINTY QUEEN (New). Coral pink with cream background. Pkt. 15c; 1/4 oz. 50c.
DAZZLER (New). Vivid scarlet. Pkt. 15c; 1/4 oz. 50c.
FIREFLAME (New). Orange scarlet; erect plants. Pkt. 15c; 1/4 oz. 50c.
LOVELY. Rose-pink suffused salmon. Pkt. 15c; 1/4 oz. 50c.
SALMON BEAUTY. Beautiful and distinct color. Pkt. 15c; 1/4 oz. 50c.
SCARLET BEAUTY. Deep scarlet. Pkt. 15c; 1/4 oz. 50c.
EXTRA CHOICE MIXED. Contains all new colors. Pkt. 15c; oz. 90c.

Collection of Above Eight Named Varieties, for \$1.00

Standard Varieties

ORANGE (Aurantia). Pkt. 10c; oz. 30c; lb. \$3.00.
CHROME QUEEN. Pkt. 10c.
GOLDEN WEST. Pkt. 10c.
MIXED. Pkt. 10c; oz. 25c; lb. \$2.50.

Double Varieties

This strain of California Poppy is distinct and lovely in every way. The flowers resemble small roses.

DOUBLE SALMON BEAUTY (New). Pkt. 20c.
DOUBLE ORANGE. Pkt. 15c.
DOUBLE ROSE. Pkt. 15c.

Forget-Me-Not

(Myosotis)

Hardy perennial. Seed must be sown in fall for spring blooming. Does best in shady location.

ALPESTRIS. Light blue. Height 1 foot. Pkt. 10c; 1/4 oz. 35c.
BLUE BIRD. Deep blue; winter flowering. Pkt. 20c.

Dianthus or Pinks

These spiky little flowers are easy to grow.

CHINENSIS. Double mixed. Pkt. 10c.
PLUMARIUS. Double mixed. Perennial grass pink. Pkt. 10c.
PLUMARIUS. Single mixed. Perennial grass pink. Pkt. 10c.
DELTOIDES. For rock gardens. Scarlet. Pkt. 15c.
CAESIUS. For rock gardens. Rose. Pkt. 15c.
ROCK GARDEN MIXTURE. Pkt. 25c.

Dimorphotheca

(African Daisy)

A showy annual from South Africa which has become a great favorite on account of its easy culture and beautiful orange colored flowers.

AURANTIACA. Bright orange. Pkt. 10c; 1/4 oz. 50c.
HYBRIDS. Shades of yellow and orange. Pkt. 10c; 1/4 oz. 50c.
SALMON BEAUTY. Pkt. 15c.
RINGENS. Pure white with blue ring in center. Pkt. 15c.
ECKLONIS. Perennial. Large white

Gilia

CAPITATA. Graceful annual, height about 2 feet. Flowers are a rich lavender-blue. Sow seeds in fall where plants are to remain. Pkt. 10c; oz. 25c.

TRICOLOR (Birds Eyes). Lavender, purple spotted, and yellow center. Height 1 foot. Pkt. 10c; oz. 25c.

Godetia

Hardy annual. Sow late in fall for spring blooming. Very beautiful colors. Thrives in shady locations.

DWARF SINGLE. Mixed. Height 1 foot. Pkt. 10c.

AZALEA FLORA. Dwarf double variety suitable for pots. Pkt. 15c.

DUKE OF YORK. Rich scarlet flowers. Pkt. 15c.

TALL DOUBLE CARMINEA. Pkt. 10c.

TALL DOUBLE ROSEA. Pkt. 10c.

TALL DOUBLE LAVENDER. Pkt. 10c.

TALL DOUBLE CRIMSON. Pkt. 10c.

TALL DOUBLE MIXED. Height 2 ft. Pkt. 10c; 1/2 oz. 25c.



Eschscholtzia, Ramona

flowers with blue disk. Height 1 1/2 feet. Pkt. 15c.

Geum

A beautiful hardy perennial producing flowers in profusion from spring till fall. It is an excellent cut flower, having long stems and keeping well.

MRS. BRADSHAW'S DOUBLE RED. Large bright orange-scarlet double flowers. Pkt. 15c.
LADY STRATHEDEN. Large striking double yellow flowers. Pkt. 15c.

Gaillardia

A plant everyone should have in their gardens. Splendid for cutting. Fall sown seed will start blooming early and continue till late fall. Flowers large, brown and yellow in varying shades.

Perennial Varieties

PORTOLA. Mammoth flowers. Pkt. 20c.

THE DAZZLER. Pkt. 20c.

TANGERINE. Pkt. 15c.

GRANDIFLORA. Single mixed. Pkt. 10c; 1/2 oz. 25c.

Gypsophila

Small white or pink flowers borne in sprays. Universally used as filler in bouquets. Annual.

ELEGANS WHITE. Pkt. 10c; oz. 25c.

ELEGANS CARMINE. Pkt. 10c.

ELEGANS CRIMSON. Pkt. 10c.

ELEGANS ROSE. Pkt. 10c.

PANICULATA. Perennial. White. Pkt. 10c.

DOUBLE SNOW WHITE. Perennial. Pkt. 25c.

Heuchera

(Coralbells)

SANGUINEA. Hardy perennial. 1 1/2 feet high. Crimson-scarlet flowers. Pkt. 15c.

Hollyhock

Hardy perennial. Five to eight feet. Fine for backgrounds. Sow the seed in fall for spring flowers. Double apple blossom, double pink, double scarlet, double maroon, double yellow, double rose, double white and double mixed.

Each. Pkt. 10c.

IMPERATOR. Huge fringed flowers: pink and salmon shades. Pkt. 15c.

PERENNIAL SINGLE MIXED. Pkt. 10c.



Larkspur, La France

Larkspur

This popular annual may be planted throughout the fall and will bloom 3 to 4 months after sowing.

Outstanding Varieties

- CARMINE KING (New).** Rich carmine. Pkt. 20c.
MISS CALIFORNIA. Rich plnk on salmon ground. Pkt. 15c.
LOS ANGELES. Rose. Pkt. 20c.
LA FRANCE. Light salmon. Pkt. 15c.
BLUE SPIRE. Deep blue. Pkt. 15c.
LILAC SPIRE. Base branching type. Pkt. 20c.
WHITE SPIRE. Pure white. Pkt. 20c.
DE LUXE MIXED. A mixture of the newest varieties. Pkt. 15c; ¼ oz. 35c.
COLLECTION 23F. One pkt. each of the above seven varieties, 85c.

Standard Varieties

- LUSTROUS CARMINE.** Pkt. 10c.
DARK BLUE. Pkt. 10c.
AGERATUM BLUE. Pkt. 10c.
ROSE. Pkt. 10c.
SCARLET ROSE. Pkt. 10c.
LILAC. Pkt. 10c.
WHITE. Pkt. 10c.
A & M MIXED. Pkt. 10c; ¼ oz. 25c.
COLLECTION 22F. One pkt. each of the above 7 named varieties for 50c.

Matricaria

(Feverfew)

- DOUBLE WHITE (Capensis).** A perennial bearing small, double white flowers. Good for cutting. An old-fashioned garden flower. Pkt. 10c.
GOLDEN BALL. A compact dwarf plant, used for borders. The flowers are a double yellow and bloom freely. Pkt. 10c.

Mignonette

Annual. An old garden favorite which has been much improved. Giant spikes of fragrant flowers, produced freely on large plants, make this flower even more desirable than heretofore.

- A & M COLOSSAL.** Giant cream. Pkt. 15c.
NEW YORK MARKET. Extra long spikes. Pkt. 15c.
GOLIATH RED. Pkt. 10c.
ODORATA MIXED. Sweet. Pkt. 10c; oz. 30c.

Nasturtium

Annual. If sown early in fall will bloom until heavy frost.

- DWARF MIXED.** Pkt. 10c; oz. 20c.
TALL MIXED. Pkt. 10c; oz. 20c.
GOLDEN GLEAM. Double sweet scented. Pkt. 25c.

Nemesia

Hardy annual. Splendid fall, winter and spring blooming plants. Many wonderful and beautiful color combinations. A quick grower. Splendid bedding flower.

- STRUMOSA SUTTONI.** Mixed colors. Pkt. 25c.
COMPACTA TYPES—8-12 inches
Aurora. Carmine, white lip. Pkt. 25c.
Blue Gem. Forget-me-not blue. Pkt. 25c.
Fire King. Bright scarlet. Pkt. 25c.
Nana Compacta Triumph Mixed. Pkt. 25c.

Nemophila

Hardy annual. Height 6 inches. Earliest native wild flower. Splendid for sowing in bulb beds.

- INSIGNIS (Baby Blue Eyes).** Sky blue. Pkt. 10c; oz. 25c.
MIXED COLORS. Pkt. 10c; oz. 25c.

Gerbera

(Transvaal Daisy)

Large daisy-like flowers, with colors ranging through crimson, rose, pink, lilac, yellow and white. Under suitable conditions seed will germinate easily. See page 27 for best method of sowing. Pkt. 20c.

Hunnemannia

(Mexican Tulp Poppy)

Tender perennial. The best cutting poppy. Long flowering season. Bright lemon-yellow cup-shaped flower. Will bloom early in spring if sown in fall. Pkt. 15c.

Layia

ELEGANS "Tidy-Tips." Annual California native. A pretty yellow daisy edged cream. Ht. 1-2 feet. Pkt. 10c.

Linum

SCARLET FLAX. Hardy annual; beautiful little flower. Height 1½ ft. Splendid for bedding. Pkt. 10c; oz. 40c.
BLUE FLAX. Perennial. Light blue flowers. Pkt. 10c.

Lupin

California native flowers. A great favorite. Should be planted in fall for early flowers.

- DARK BLUE.** Annual. Pkt. 10c; oz. 30c.
SKY BLUE. Annual. Pkt. 10c; oz. 30c.
MIXED. Annual. Pkt. 10c; oz. 30c.
HARTWEGI GIANTS MIXED (New). Pkt. 25c.
PERENNIAL. Mixed. Pkt. 15c; ½ oz. 45c.

Marigold

(French)

Hardy annual. One of the best fall and winter flowers.

Tall French

- SINGLE BROWN.** Pkt. 10c; ¼ oz. 25c.
TALL FRENCH MIXED. Pkt. 10c; ¼ oz. 25c

Dwarf French

- GOLDEN BALL.** Double golden yellow flowers. One of the finest border plants. Pkt. 10c; ¼ oz. 25c.
LEGION OF HONOR. Brown and gold. Pkt. 10c; ¼ oz. 25c.
DOUBLE DARK BROWN. Pkt. 10c; ¼ oz. 25c.
ELECTRIC LIGHT. Double form of Legion of Honor. Pkt. 10c; ¼ oz. 25c.
DWARF FRENCH MIXED. Pkt. 10c; oz. 45c.



Gerbera, A & M Hybrids

A & M Pansies

Pansies thrive best in a moist sunny location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms, or can be sown early in the year for good flowers later in the spring. The plants must be transplanted twice in order to get the largest flowers; once from the seed box to a chosen bed, and again to the open garden. This is important for large size pansies; use manure liberally. The blossoms are usually larger in the spring and again in the fall, and while they bloom freely all summer, the blossoms are small during the hot months.

It is much more interesting, satisfactory and inexpensive to grow your own pansies from seed. By so doing you may select and carry out your individual color scheme; you may also select your own types and take advantage of some of the finest varieties of plants of which are not offered for sale.

A & M Super Maximum

A lovely and distinct strain bearing extra large flowers with long stems that hold them well above the foliage. We introduced this pansy particularly for those who want an extraordinary strain, and we are pleased to recommend them highly. Letters from many friends indicate they are very satisfactory, and our own trials are greatly admired by all who see them. Pkt. 35c; 3 pks. \$1.00.

Swiss Giants

To be sure of the best Swiss Giant Pansies, you should plant the seed and grow your own plants. Mix one-third sand to two-thirds peat moss; add a little sulphur to this and sow the seed. After the seeds have sprouted, keep them slightly moist, but not too wet.

- ALPENGLOW.** Cardinal shades. Pkt. 35c.
LAKE OF THUN. Swiss blue. Pkt. 35c.
SWISS YELLOW. Golden. Pkt. 25c.
SWISS GIANTS MIXED. Pkt. 25c; 1/8 oz. \$1.75.

A & M Mastodon Pansies

A very popular, beautiful strain of Pansies. They bloom two to four weeks earlier than most strains, produce very large, showy flowers and are exceptionally fine for beds, borders and window or porch boxes.

- ADONIS.** Lovely sky-blue. Pkt. 20c.
BRONZE MASTODON. Very large, with all the different shades from burnished brass to gold, with no two flowers exactly alike. Pkt. 20c.
IMPROVED BEACONSFIELD. Bluish purple with lavender tinge on upper petals. Pkt. 20c.
MADAME STEELE. Elks' purple, of fine form and enormous size. Pkt. 20c.
PANAMA PACIFIC. A huge deep yellow, some have the dark center, some without. A beautiful bedding color. Pkt. 20c.
PARISIAN YELLOW. Beautiful pure yellow. Pkt. 20c.
ROSE SHADES. Rose with white border. Pkt. 20c.
WHITE MASTODON. Snow-white with a large center, very large and beautiful. Pkt. 20c.
MASTODON MIXED. A wonderful collection of rich, velvety shades, in great variety with fine, long stems. Pkt. 15c; 1/8 oz. \$1.25.

A & M Giant French Pansies

- KING OF THE BLACKS.** Velvety black. Pkt. 10c.
LORD BEACONSFIELD. Purple-violet. Pkt. 10c.
MADAME PERRET. The lower petals are pale with rich rose color markings. Pkt. 10c.
PRINCE HENRY. Darkest blue, very large beautiful flower. Pkt. 10c.

- RUBY RED.** Very large blooms in striking red shades. Pkt. 10c.
Collection of the Above Nine
Varieties for 75c.

- A & M GIANT FRENCH MIXED.**
 A very showy mixture of vigorous compact growth. Fine bedding strain. Pkt. 10c; 1/2 oz. 75c.

Painted Daisy

(Annual Chrysanthemum)

Hardy annuals. Fine fall, winter and early spring bloomer. Very decorative, easy to grow. Especially recommended.

Special Collection of One Packet Each of Seven Colors, 50c.
SINGLE MIXED. Pkt. 10c; oz. 50c.

Phacelia

CAMPANULARIA. Very showy annual; gentian blue bell-shaped flowers. Makes charming pot plant; is effective for edging; 8 inches. Pkt. 15c.

TANACETIFOLIA. Grows to a height of about 18 in., producing large compact heads of pale mauve flowers. Pkt. 10c.

Physostegia

SPECIOSA (False Dragonhead). Hardy perennial. 4 to 5 feet. Pink shades. Pkt. 25c.

Pentstemon

Hardy perennial. Large spikes of beautiful gloxinia-shaped flowers. Seed sown in the fall will commence blooming early in spring and continues most of the year.

GLOXINIOIDES, SENSATION. Lg. flowered; mixed. Pkt. 15c.

Polemonium

COERULEUM (Jacob's Ladder). Bell-shaped blue flower. Perennial. 2 feet. Pkt. 10c.



Pansy, Super Maximum

A & M Poppies

The different varieties of Poppies are always favorites for outdoor display and the cultivation of them being so extremely simple entitles them to a place in every garden. Seed should be sown where the plants are intended to flower, because it is difficult to transplant them with any measure of success.

Single Annual Shirley

A & M SHIRLEY MIXED. Pkt. 10c; oz. 30c.
 FLANDERS POPPY. Pkt. 10c; ¼ oz. 25c.
 TULIP POPPY. Pkt. 10c; ¼ oz. 25c.

Double Annual Poppies

A & M GIANT EBELLE SALMON (New). Pkt. 15c; ¼ oz. 35c.
 A & M GIANT EBELLE WHITE (New). Pkt. 15c; ¼ oz. 35c.
 ELDORADO DOUBLE SHIRLEY. Mixed. Pkt. 10c.
 CARNATION FLOWERED DOUBLE. Mixed. Pkt. 10c.

Perennial Poppies

ORIENTAL HYBRIDS. Mixed. Pkt. 15c.
 ICELAND SINGLE. Mixed. Pkt. 10c.
 ICELAND DOUBLE. Mixed. Pkt. 25c.
 A & M AUSTRALIAN HYBRIDS MIXED. Pkt. 25c.
 EL MONTE. Tangerine orange. Pkt. 25c.

Primula

Primulas are easily grown from seed and make splendid pot plants. Also wonderful for mass effects in shady places.

CHINESE FRINGED. Mixed. Pkt. 25c.
 OBCONICA GRANDIFLORA. Mixed. Pkt. 25c.
 MALACOIDES. "Baby Primrose." Pkt. 20c.
 VERIS, POLYANTHUS. Mixed. Pkt. 20c.
 AURICULA. Fine Mixed. Pkt. 20c.
 VULGARIS. Yellow English primrose. Pkt. 20c.

Pyrethrum

Hardy perennials which are easily grown and make handsome plants. Valuable as cut flowers. Height 2 feet.

HYBRIDUM ROSEUM. Single mixed. Pkt. 10c.
 HYBRIDUM ROSEUM. Double mixed. Pkt. 25c.
 GOLDEN FEATHER. For edgings. Height 9 inches. Pkt. 10c.

Ranunculus

GIANT FRENCH MIXED. This very popular flower may be grown readily from seed though home gardeners have usually grown them from bulbs. Seed should be sown in good sandy loam, covered lightly with sand and kept moist. May be planted from

early fall and late spring and will flower the first season from seed. Our mixture is a very fine semi-double strain and contains a splendid range of colors. Pkt. 25c.

Rhodanthe

MACULATA ROSEA. One of the most attractive everlasting flowers; they hang like little bells on stems and make a pleasing and dainty cut flower, either fresh or dried. Pkt. 10c.

Schizanthus

(Orchid Flower)

A dainty annual. The plant is a bouquet by itself.
 GRANDIFLORA MIXED. Pkt. 25c.
 WISETONENSIS EXCELSIOR. Height 1 foot. Pkt. 25c.



Single Shirley Poppy

Statice

SINUATA. Everlasting. Fine for cutting. May be dried as permanent bouquets. Keep seed moist until germinated. Bright Yellow, White, Blue, Rose and Mixed. Each, Pkt. 10c.

LATIFOLIA. Produces large spikes of very small, lavender flowers. Used in bouquets as a filler. Perennial and everlasting. Pkt. 10c.

CASPIA. Flowers are similar to Statice latifolia, but a little larger. Pkt. 10c.

PEREZII. A very fine specimen plant, often grown in shrubberies. Flowers are blue and attain a height of 2 feet. Hardy perennial. Pkt. 10c.

Scabiosa

(Mourning Bride)

Annual Varieties

A garden favorite of easy culture, blooming in about four months from planting. Height 3 to 4 feet.

GIANT LOVELINESS (New). Soft salmon shades. Pkt. 15c.
 SHASTA. Giant improved white. Pkt. 10c.
 PEACH BLOSSOM. Giant pink. Pkt. 10c.
 AGERATUM. Blue. Pkt. 10c.
 AZURE FAIRY. Lavender-pink. Pkt. 10c.
 BLACK PRINCE. Deep red. Pkt. 10c.
 FIERY SCARLET. Pkt. 10c.
 FLESH PINK. Pkt. 10c.
 ROSE. Pkt. 10c.
 YELLOW. Light yellow. Pkt. 10c.
 MIXED. Pkt. 10c; ¼ oz. 25c.

Perennial Varieties

Highly decorative and invaluable for cutting.

ISAAC HOUSE HYBRIDS. Lilac and mauve shades, ruffled petals. Pkt. 20c.
 COLUMBARIA PINK. Pkt. 15c.
 COLUMBARIA LAVENDER. Pkt. 15c.
 CAUCASICA. Soft heliotrope. Pkt. 15c.

Sweet William

A hardy perennial, grows 1 to 2 feet high. Very good for cutting or bedding.

PINK BEAUTY. Pkt. 10c.
 SCARLET BEAUTY. Pkt. 10c.
 SINGLE MIXED. Very attractive. Pkt. 10c.
 DOUBLE MIXED. Pkt. 10c; ¼ oz. 35c.
 ANNUAL SINGLE MIXED. A fine mixture blooming the first year from seed. Pkt. 10c; ¼ oz. 50c.

Sweet Wivelsfield

Remarkable new Dianthus hybrid. Produces a great variety of color over a long blooming season. Pkt. 20c.



Sweet William—Single

California Grown Sweet Peas

Ask for Sweet Pea Culture Bulletin No. 11

A & M SUPERFLORA SWEET PEAS are noted for the extraordinary substance of the blooms and on this account are preferred above all others by the large commercial growers of cut flowers. They are EARLY FLOWERING and come into bloom at least one month earlier than the Late or Standard Spencer. For this reason they are particularly suitable for sowing in August and September for early fall and Christmas blooming. However, the planting season in California extends from August 1st until January with a resultant wealth of bloom throughout the spring and early summer.

FOR BEST RESULTS INOCULATE SWEET PEA SEED BEFORE SOWING WITH McQUEEN'S INOCULATOR. Pkt. 15c.

A & M Superflora Sweet Peas

Three Outstanding Introductions

A & M ROMANCE. Sparkling salmon-rose color; large flowers and fine stems. Offered for the first time this year. Pkt. 25c.

A & M ROSITA. A splendid new introduction possessing many good qualities. Color glowing deep rose, suffused amber. Large flowers and long stiff stems; strong grower. Pkt. 25c.

FRAGRANCE. A beautiful clear lavender. Flowers are very large and the wings are slightly ruffled. Good stem; strong grower. Pkt. 25c.

Collection 48-F. One packet each of above three varieties, 65c.

New and Distinctive Varieties

A & M GLOW. Glorious new duplex Sweet Pea in a resplendent bright rose color. The flowers are phenomenally large, daintily frilled and usually borne four to the stem. Very vigorous grower. Pkt. 20c.

APOLLO. Soft appealing shade of salmon cerise. The flowers are unusually large, nicely waved and carried on stems of exceptional length. Pkt. 20c.

BLUE BONNET. An extra large, fine deep blue without the slightest trace of mauve. It has long stems with four blossoms to the stem. Pkt. 20c.

GREETING. A new and very pretty long-stemmed lavender. Slightly deeper than Fragrance. Pkt. 20c.

HOPE. Pure white and one of the latest improvements. Very fine flower and stem. Pkt. 20c.

LADDIE. One of the largest of rose-pink varieties. Pkt. 20c.

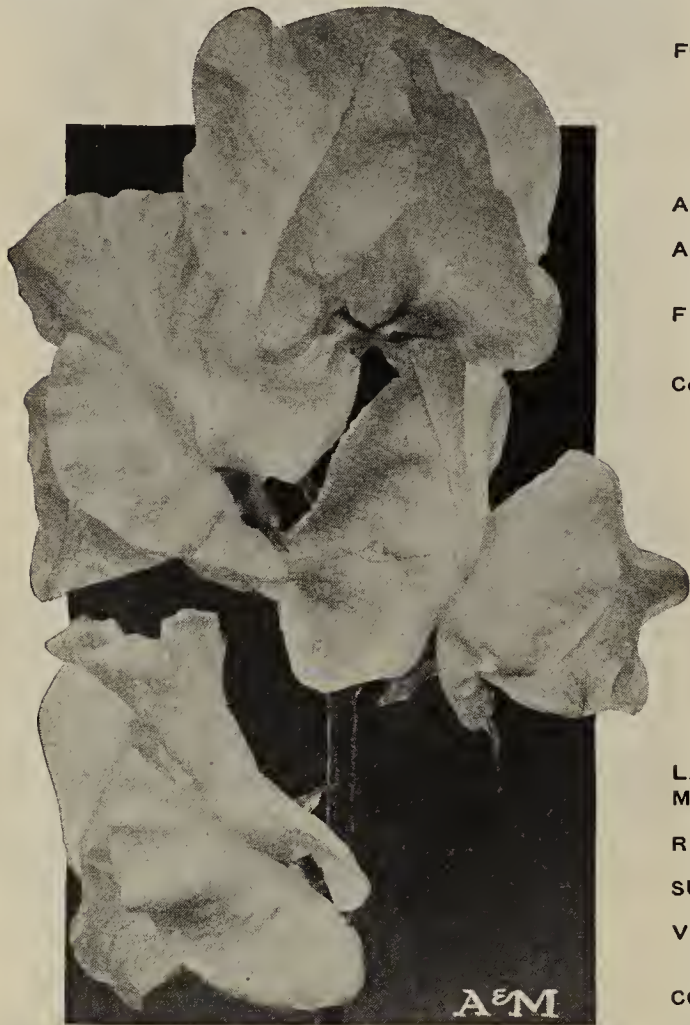
MISS ANNIE LAURIE. Rich rose pink, slightly deeper than others in this shade zone. Good flowers and stems. Pkt. 20c.

RED CROSS. Glowing poppy scarlet. Wonderful Christmas color. Pkt. 20c.

SUPER ROSE. Rich rose pink on white ground. Deeper than other rose colored varieties. Large flowers, long stem. Pkt. 20c.

VALENCIA. Bright sunproof orange of soft tone. Has immense vigor in growth of good length of stems and bears fine large blooms. Pkt. 20c.

COLLECTION 46-F. One packet each of six of the above new distinctive varieties (your selection) for \$1.00.



General List

AMETHYST. Light purple. Very fine. Pkt. 15c; 1/2 oz. 35c.

BLUE BIRD. Violet blue. Extra large and one of the finest. Pkt. 15c; 1/2 oz. 35c.

BRIGHT LIGHT. Flaming scarlet. Pkt. 15c; 1/2 oz. 35c.

COLUMBIA. Salmon rose with white wings. Pkt. 15c; 1/2 oz. 35c.

EARLY DUPLEX GEM. Dainty rose pink on cream ground. Pkt. 15c; 1/2 oz. 35c.

GIANT LILAC. Mammoth lilac mauve; distinct color. Pkt. 15c; 1/2 oz. 35c.

GLITTERS. Cerise. One of the most popular for all purposes. Pkt. 15c; 1/2 oz. 35c.

GRENADE. Dazzling scarlet. New and extra fine. Pkt. 15c; 1/2 oz. 35c.

HARMONY. Finest lavender to date. Strong grower, extra large flowers, exceedingly long stems. Pkt. 15c; 1/2 oz. 35c.

HERCULES. Florist pink. Extra large, strong grower, fine stem. Pkt. 15c; 1/2 oz. 35c.

ILLUMINATION. Salmon cerise. A popular favorite. Good. Pkt. 15c; 1/2 oz. 35c.

MICHIGAN. Giant lavender. Pkt. 15c; 1/2 oz. 35c.

MRS. CALVIN COOLIDGE. Fine rich salmon pink. Pkt. 15c; 1/2 oz. 35c.

NEW BLUE. A splendid blue. Pkt. 15c; 1/2 oz. 35c.

ORIENTAL. Large deep clear cream on long stems. Pkt. 15c; 1/2 oz. 35c.

OTHELLO. Maroon. Strong grower, large flowers and good long stem. Pkt. 15c; 1/2 oz. 35c.

PERFECTION. Rose. Good strong grower with fine flower and stem. Pkt. 15c; 1/2 oz. 35c.

SNOWSTORM. Improved pure white. Pkt. 15c; 1/2 oz. 35c.

SPRINGSONG. Light rose suffused salmon. Pkt. 15c; 1/2 oz. 35c.

SUNRAY. Glowing cerise. A glorious color and a lovely sweet pea. Pkt. 15c; 1/2 oz. 35c.

THE BEAUTY. Fiery rose. No other color just like this one. Pkt. 15c; 1/2 oz. 35c.

TORCH. Salmon orange. A fine sweet pea in every way. Pkt. 15c; 1/2 oz. 35c.

VULCAN. Vivid scarlet. A flower with some life to it. Glittering. Pkt. 15c; 1/2 oz. 35c.

WHITE HARMONY. Dainty white; black seeded. Pkt. 15c; 1/2 oz. 35c.

WHITE ROSE. Large pure white; long stem. Pkt. 15c; 1/2 oz. 35c.

ZVOLANEK'S ORANGE. Medium orange. Pkt. 15c; 1/2 oz. 35c.

ZVOLANEK'S ROSE. Giant rose pink, vigorous, extra large flowers and exceedingly long stems. Pkt. 15c; 1/2 oz. 35c.

A & M SUPERFLORA MIXED. A well balanced mixture of many fine varieties including some of the late introductions and improved strains. Plant 1 ounce to a 30-foot row. 1/4 oz. 20c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.35; lb. \$4.50.

Rainbow Collection 65c

6 Packets of A & M Superflora and 1 Packet McQueen's Inoculator. 1 packet each—Harmony, Illumination, New Blue, Vulcan, White Harmony, Zvolanek's Rose. \$1.05 value for 65c. (See back cover.)

EARLY FLOWERING SPENCER MIXED. Pkt. 10c.

A & M Stocks

Stocks are one of our most fragrant winter and early spring garden plants. A few plants of these in bloom will fill the garden with sweet perfume, and the branching varieties that we offer make it possible to cut flowers for the house without destroying the beauty of the plant.

Plant the seed in flats, covering with leaf mold or other light material to the depth of about twice the breadth of the seed itself. Plant the seeds thin enough that the plants may be removed with a little soil on the root system and transplant them to the garden when the second or third set of leaves appear.

Planted in double rows about 22 inches apart and the plants 12 to 15 inches apart in the row, they will support each other and produce a mass of very fine blooms. In transplanting take the plants as they come, large and small, to insure getting an average percentage of doubles.

A & M Bismarck

This wonderful strain of Stocks is of branching habit, making it possible to break long branches of flowers from the main stalk without injuring or destroying the beauty of the plant.

ANTIQUÉ COPPER. Hellebore red. Pkt. 20c.
APPLE BLOSSOM. Blush. Pkt. 20c.
CHAMOIS. Ivory tinted rose. Pkt. 20c.
DARK BLUE. Near purple. Pkt. 20c.
FIERY BLOOD RED. Bright red. Pkt. 20c.
GOLDEN BALL. Light yellow. Pkt. 20c.
GOLDEN ROSE. Light golden rose. Pkt. 20c.
LAVENDER. Light lavender. Pkt. 20c.
LILAC. Dark lavender. Pkt. 20c.
OLD ROSE. Pkt. 20c.
PURPLE KING. Dark purple. Pkt. 20c.
ROSE. Deep rose-pink. Pkt. 20c.
WHITE. Pure white. Pkt. 20c.

COLLECTION 33-F—
One packet each of
six selected separate
colors—\$1.00

A & M BISMARCK MIXED. All colors. Pkt. 20c; 1/8 oz. 65c.

Perpetual Branching

GIANT PERFECTION. This type is of branching habit with long stems, making it very desirable for cutting. The percentage of double is high. Height 2 feet.

BLOOD RED. Pkt. 10c.
ROSE PINK. Pkt. 10c.
LILAC. Pkt. 10c.
DEEP PURPLE. Pkt. 10c.
WHITE. Pkt. 10c.
FLESH PINK. Pkt. 10c.
HEATHAM BEAUTY. Rose shaded terra cotta. Pkt. 10c.
COLLECTION 44F. One packet each of the above 7 colors, 55c.
GIANT PERFECTION MIXED. Pkt. 10c; 1/8 oz. 50c.

Early Mammoth Branching Nice

This type is excellent for bedding and borders and is splendid for cutting. We offer fine varieties in a choice mixture. Height 18 inches.

GIANT NICE. Finest mixed. Pkt. 15c; 1/8 oz. 50c.

Ten Weeks Stocks

These should be used strictly for bedding purposes and not for cutting. They make a wonderful showing and are highly satisfactory for this purpose. Mixed. Pkt. 10c; 1/4 oz. 50c.



Stocks, A & M Bismarck

Verbenas

These hardy perennials are of trailing habit and are used generally for beds and borders. The flowering season is exceptionally long. The flowers are fragrant and the Hybrid Giant strains make beautiful cut flowers. They do well in sunny locations.

Hybrida Giants

A fine strain of verbenas with the same characteristics as the mammoth except that each flowerlet in the cluster is much larger. This gives the blooming plant a more brilliant effect.

LAVENDER GLORY (New). True lavender with creamy eye. Immense size. Pkt. 25c.
CARMINE PINK (New). Pkt. 15c.
ETNA. Garnet-red, deep cream eye. Pkt. 15c.
GIANT SALMON PINK. Pkt. 15c.
LUMINOSA. Flame-pink. Pkt. 15c.
LUCIFER SCARLET. No eye. Pkt. 15c.
ROSEA STELLATA. Rose pink with white eyes. Pkt. 15c.
VIOLEACEA STELLATA. Deep purple with white eyes. Pkt. 15c.
HYBRIDA GIANT MIXED. Pkt. 15c.

Verbena Venosa

Hardy perennial, very useful for terrace and rock work. Flowers are a rosy purple. 1 foot. Pkt. 15c.

Verbena Erinoides

(Moss Verbena)

Spreading foliage with profusion of purple blooms. Does well in hot locations. Pkt. 10c; 1/4 oz. 30c.

Hybrida Mammoth

GOLDEN QUEEN. Pkt. 15c.
MAYFLOWER. Pink. Pkt. 15c.
BLUE. Pkt. 10c.
DEFIANCE SCARLET. Pkt. 10c.
PINK. Pkt. 10c.
PURPLE. Pkt. 10c.
YELLOW. Pkt. 10c.
WHITE. Pkt. 10c.
MIXED. Pkt. 10c; 1/2 oz. 50c.
COLLECTION 43F. One packet each of the above six named varieties at 10c, 50c.

GERMINATING SEEDS IN FLATS

Some seeds such as Gerbera, Delphinium, etc. are a little difficult to germinate under ordinary circumstances, but if the following soil preparation is used a high percentage of germination can be depended upon and the danger of damping-off will be practically eliminated. Take two-thirds peat moss soaked thoroughly in water to one-third coarse sand. Fill the flats with this mixture and firm with a brick or block of wood leaving a smooth surface. Broadcast the seeds on the surface, pressing them lightly into the soil, and cover them with sand only. Cover with burlap and keep in the shade until the seeds have sprouted.

Viola Cornuta

"Tufted Pansies." The flowers are not so large as regular pansies but bloom so freely that for bedding effect they are unsurpassed. The colors are distinct and they also bloom for a long time.

APRICOT. True apricot. Pkt. 25c.
ADMIRATION. Violet-blue. Pkt. 15c.
MAUVE QUEEN. Pkt. 15c.
ROSE QUEEN. Pkt. 15c.
BLUE PERFECTION. Deep bright blue. Pkt. 15c.
WHITE PERFECTION. Pkt. 15c.
PURPLE. Pkt. 15c.
PAPILIO. Light blue. Pkt. 15c.
YELLOW. Pkt. 15c.
MIXED. Pkt. 10c; 1/4 oz. 60c.

Wallflower

Delightfully fragrant flowers growing in spikes similar to stocks.

SINGLE ANNUAL MIXED. Pkt. 10c.
DOUBLE PERENNIAL MIXED. Pkt. 15c.

Xeranthemum

DOUBLE MIXED. One of the most attractive and satisfactory everlasting flowers. The flowers are white, purple, yellow and rose and are pretty in the garden or dried. Plant in the open ground in a sunny situation. Pkt. 10c.

Wildflower Mixture

See page 2.

Vegetables for Fall Planting

	Postpaid	
	Pkt.	Oz.
A & M ASPARAGUS		
Mary Washington	\$.05	\$.20
Argenteuil .....	.05	.15
Palmetto .....	.05	.15
A & M BEETS		
Early Flat Egyptian .....	.05	.15
Early Blood Turnip .....	.05	.15
Early Wonder .....	.05	.15
Detroit Dark Red .....	.05	.15
A & M BROCCOLI		
St. Valentine .....	.05	1.50
Italian Sprouting .....	.05	.80
A & M BRUSSELS SPROUTS	.05	.30
A & M CABBAGE		
A & M Wlningstadt .....	.05	.30
Copenhagen Market .....	.05	.40
Cannon Ball .....	.05	.40
Early Flat Dutch .....	.05	.30
Drumhead Savoy .....	.05	.35
A & M Golden Acre .....	.05	.50
Red Dutch .....	.05	.35
CHINESE CABBAGE	.05	.50
A & M CARROTS		
Chantenay .....	.05	.15
Danvers Half Long .....	.05	.15
Imperator .....	.05	.25
Oxheart .....	.05	.15
A & M CAULIFLOWER		
Late Pearl .....	.05	2.00
Express Snowball .....	.15	2.50
Snowball .....	.15	2.50
A & M COLLARDS		
Southern Georgia .....	.10	.20



A & M Snowball Cauliflower

	Postpaid	
	Pkt.	Oz.
A & M EGGPLANT		
New York Improved	\$.05	\$.65
Tree Eggplant05	.65
A & M ENDIVE		
Green Curled Golden Heart05	.15
Batavian or Escarolle05	.15
FLORENCE FENNEL05	.20
A & M HERBS		
Anise	} Each....	.05
Sweet Basil		
Borage		
Catnip		
Chervil		
Dill		
Lavender		
Sweet Marjoram		
Rosemary		
Sage		
Sorrel		
Summer Savory		
Thyme		

A & M ONION SETS	1 Lb.	
White	\$.35	
Brown .....	.35	
A & M PARSNIP	Pkt.	Oz.
Special Long White	\$.05	\$.15
New French .....	.05	.15
Hollow Crown .....	.05	.15
A & M PARSLEY		
Champion Moss Curled ..	.05	.15
Plain or Smooth Leaved ..	.05	.15
Extra Double Curled ...	.05	.15
Hamburg Turnip-Rooted ..	.05	.15

A & M PEAS	4 Ozs.	1 Lb.
Admiral or Senator	\$.15	\$.35
Alderman .....	.15	.35
American Wonder .....	.15	.35
Dwarf Telephone .....	.15	.35
Hundredfold .....	.15	.35
Laxtonian .....	.15	.35
Laxton's Progress .....	.15	.35
Special Dwarf Telephone ..	.15	.40
Stratagem .....	.15	.35
Tall Telephone .....	.15	.35
Yorkshire Hero .....	.15	.35

A & M POTATOES
White Rose } Ready in De-
Early Red Rose } cember. Write
British Queen } for prices.

A & M PEPPERS	Pkt.	Oz.
Anahelm Chili	\$.05	\$.60
Cayenne .....	.05	.70
A & M Calif. Wonder .....	.05	.80
A & M Chlnese Giant ...	.05	.65
A & M Pimento .....	.05	.45
Floral Gem .....	.05	.75

A & M RADISHES		
Crimson Giant ..	.05	.15
French		
Breakfast ....	.05	.15
White Tipped		
Scarlet .....	.05	.15
Long White		
Icicle .....	.05	.15
Early Long		
Scarlet .....	.05	.15
Early Scarlet		
Globe .....	.05	.15
Early Scarlet		
Turnip .....	.05	.15

A & M RUTABAGA		
Purple Top ...	.05	.15

A & M SPINACH		
Prickly Seeded		
Winter .....	.05	.15
New Zealand ..	.05	.15

A & M SWISS CHARD		
Lucullus .....	.05	.15
White Swiss ...	.05	.15

A & M TOMATOES		
Jack O'Harts ..	.15	1.50
A&M First Early ..	.05	.50
A&M Sec'd Early ..	.15	1.25
Break O'Day ..	.05	.30
A & M Wilt Re-		
sistant Stone ..	.05	.60
A & M Ponderosa ..	.05	.70
A & M Globe ...	.05	.65
A & M Marglobe ..	.05	.75

A & M TURNIPS		
Purple Top Globe ..	.05	.15
Snowball .....	.05	.15
Purple Top		
Rutabaga ....	.05	.15



A & M Riverside Sweet Spanish

	Postpaid	
	Pkt.	Oz.
A & M KALE		
Tall Green		
Curled Scotch..	\$.05	\$.15
Jersey .....	.05	.15
A & M KOHL-RABI		
Early White		
Vienna.....	.05	.30
Early Purple		
Vienna.....	.05	.30
A & M LEEK ...	.05	.30
A & M LETTUCE		
Los Angeles		
Market.....	.05	.20
Paris White Cos ..	.05	.20
Chicken Lettuce ..	.05	.15
A & M MUSTARD		
Southern Giant		
Curled .....	.05	.15
Ostrich Plume ..	.05	.15
Chinese Green ..	.05	.40
A & M ONIONS		
Yellow Bermuda		
Early .....	.05	.25
Crystal Wax,		
Early .....	.05	.30
New Queen, Early ..	.05	.30
Riverside Sweet		
Spanish .....	.05	.35
White Sweet		
Spanish .....	.05	.40
Australian Brown ..	.05	.20
White Portugal		
or Silverskin ..	.05	.25
Bunching .....	.05	.25
Southport White		
Globe .....	.05	.25

A & M Lawn Grass Seeds

For Private Lawns, Country Clubs, Golf Links and Public Parks

The lawn is the finishing touch of the home and once planted it remains indefinitely, therefore, it is important that the proper selection of seed be made in the beginning and thus avoid disappointment. Pure seed of good germination is important and freedom from weed seeds is necessary for best results. A & M lawn seeds and mixtures are cleaned thoroughly and are tested for purity and germination. When you plant A & M Lawn Grass Seed you are planting the best that the market affords. Write for Lawn Circular No. 18.



Many of the Beautiful Lawns of California Are Grown from A & M Reliable Seed. A & M Velvet Lawn Mixture Is Put Up In Sealed Bags for Your Protection

A & M Velvet Lawn Grass

Has been used for many years throughout the Southwest with highly satisfactory results. It is a blending of grasses best suited to the variation of temperatures to which the lawn is subjected during the twelve months' period and contains the proper proportion of the best, fine-bladed grasses and white clover. If you are having your lawn planted by a landscape gardener, insist that he use A & M Velvet Lawn Grass. It requires 1 pound of A & M Velvet Lawn Grass Seed to plant a space 10 x 20 feet, or 200 square feet. This is the least that should be used and a heavier seeding will give quicker results. 1-lb. carton 65c; 5-lb. bag \$3.15; 10-lb. bag \$5.90, postpaid.

A & M Shady Lawn Grass

In planting a lawn under trees or on the north side of the house it is often difficult to obtain a satisfactory growth of grass. A & M Shady Lawn Grass, however, is a mixture of fine-bladed grasses especially blended for such places and will produce an even growth of beautiful grass wherever there is considerable shade. 1 lb. 65c; 5 lbs. \$3.15; 10 lbs. \$5.90, postpaid.

A & M Fancy Recleaned Kentucky Blue Grass

Every bag of our Kentucky Blue Grass Seed is tested for purity and germination. There is positively no guess-work

about it. You know when you buy A & M Kentucky Blue Grass Seed that it is high grade in every respect. 1 lb. 45c; 10 lbs. \$4.25, postpaid. Write for quantity prices.

A & M White Clover

There are many grades of White Clover Seed and A & M is always the best one. We invite comparison of samples, for when they are examined side by side it is very easy to note the difference in quality. A & M White Clover is tested for purity and germination the same as our Kentucky Blue Grass. It may be used to good advantage in reseeding Bermuda Grass Lawns in the fall of the year. 1 lb. 55c; 10 lbs. \$5.00, postpaid. Write for quantity prices.

Seaside Bent Grass

(*Agrostis Maritima*)

Several varieties of Bent Grass are now on the market, but from many comparisons we consider the strain we offer to be the best for California and similar climates. 1 lb. \$1.30, postpaid.

ASTORIA BENT GRASS. 1 lb. \$1.30.
COLONIAL BENT GRASS. 1 lb. \$1.50.
AUSTRALIAN RYE GRASS. 1 lb. 30c; 10 lbs. \$2.50.
PACEY'S RYE GRASS. 1 lb. 30c; 10 lbs. \$2.50.
PACIFIC RYE GRASS. 1 lb. 25c; 10 lbs. \$2.25.
RED TOP GRASS. 1 lb. 35c; 10 lbs. \$3.00.
BERMUDA GRASS. 1 lb. 35c; 10 lbs. \$3.00.

POSTPAID.

A & M Velvet Plant Food

Used Everywhere with Best Results

Every California gardener should fully realize the necessity for fertilizing. Most growers are inclined to use too small an amount of fertilizer and particularly since it is somewhat difficult to secure barnyard fertilizer, there is too often a tendency to forget the matter entirely. This is a mistake and will often cause disappointment, not only in the lawn, but in the garden as well. A & M Velvet Plant Food will give you very satisfactory results and for the new lawn it should be used at the rate of about 100 lbs. to 1,500 square feet and should be raked in before planting. This should be done several days in advance of seeding. For an established lawn broadcast evenly at the rate of 4 to 6 lbs. per 100 square feet and water thoroughly immediately after applying. For roses, use about ½ to 1 lb. per bush, depending upon the size of the bush; for trees and shrubs use a larger quantity. It will be found beneficial to all plant life and the results are quick and lasting. It is odorless and well balanced for general purposes. 25-lb. sack \$1.10; 50 lbs. \$2.00; 100 lbs. \$3.75, f. o. b. Los Angeles.

Insecticides and Fungicides

ACME ALL ROUND SPRAY



This combination spray fills a long felt want in the vital combat against garden pests. The preparation includes Arsenate of Lead for chewing or leaf-eating insects, Bordeaux Mixture for blight and fungus diseases, and thirdly, Nicotine Sulphate 40% for aphids and other sucking insects. The Arsenate of Lead and Bordeaux Mixture are mixed in powder form and the Nicotine Sulphate is contained in a small bottle. The whole preparation is packed in a handsome lithographed tin and a complete set of instructions with spray chart is enclosed in each package. 1/4 lb. tin 35c; 1 lb. tin 80c; f.o.b. Los Angeles. Cannot be mailed.

ACME GARDEN GUARD

Garden Guard is a convenient, practical and economical all around garden insecticide in dust form and is packed ready for use in a sifter can. It is very effective in combating the majority of insect pests that prey upon your garden. Applied early in the morning or late in the evening when the dew is on, it will control many chewing insects on vegetables, shrubs and flowers. The Bordeaux Mixture contained therein serves as a fungicide and will assist in preventing Mildew and other fungus difficulties. Used extensively by market gardeners. 1-lb. package 25c; 5-lb. package 75c; 100-lb. drum \$12.00, f.o.b. Los Angeles. Cannot be mailed.



ACME DRY LIME-SULPHUR



An invaluable spray for the control of fungous diseases such as peach leaf curl, mildew, peach twig borer, pear scab, and many other ailments common to deciduous fruit trees. Is also used extensively for the control of red spider, San Jose and other scale. In the control of scale on roses spray them in January with Dry Lime-Sulphur and it will assist materially in preventing this fungous disease. For peach leaf curl, spray the tree in December and again in the spring when the buds begin to show color. For best results it will be necessary to use a good spray pump as listed on next page. For deciduous fruit trees use 10 to 12 tablespoons Dry Lime-Sulphur to 1 gallon of water. For citrus trees or other evergreens, 3 tablespoons to 1 gallon of water. Full directions on package. 1-lb. package 30c; 5-lb. package \$1.25, f.o.b. Los Angeles. Ask for prices on larger quantities. May be sent by parcel post.

For the control of diseases such as celery blight, apple black rot, pear scab, etc. Young Sweet Peas, also Chrysanthemums and other plants are greatly benefited by spraying with Bordeaux. Mix 12 to 15 level tablespoons of Bordeaux Mixture in 1 gallon of water. For field and orchard spraying mix 6 lbs. to 50 gallons of water for a 3-3-50 mixture. 1-lb. package 30c; 4-lb. package 65c; 8-lb. package \$1.25, f.o.b. Los Angeles. Cannot be mailed.

ACME BORDEAUX MIXTURE



For the control of diseases such as celery blight, apple black rot, pear scab, etc. Young Sweet Peas, also Chrysanthemums and other plants are greatly benefited by spraying with Bordeaux. Mix 12 to 15 level tablespoons of Bordeaux Mixture in 1 gallon of water. For field and orchard spraying mix 6 lbs. to 50 gallons of water for a 3-3-50 mixture. 1-lb. package 30c; 4-lb. package 65c; 8-lb. package \$1.25, f.o.b. Los Angeles. Cannot be mailed.

KALOIL

A NON-POISONOUS pyrethrum insecticide which has its own patented sulfonated oil spreader and mixes readily with any water at all temperatures without requiring soap or special preparation. Kaloil is always free flowing and is effective at all temperatures. The patented oil spreader energizes the pyrethrum, making it much more efficient, and allowing higher dilutions which makes Kaloil economical to use. Kaloil is especially effective in the elimination of such sucking insects as aphids, thrips, mites, mealy bugs and squash bugs. 1 1/2 ozs. makes 9 gallons of spray. 1/2 oz. can 35c; 6 oz. can \$1.00; 32-oz. can \$3.50; 1 gal. can \$10.75. Can be mailed—postage extra.



KALO SPRAY

A non-arsenical spray containing a specially prepared sodium aluminum fluoride, which makes a spray that mixes easier with water and covers much better than old fashioned sprays. It is used whenever a wet spray is desired and is especially efficient for worms on fruit such as codling moth. Mix 2 lbs. to 50 gals. of water. 1/2-lb. can 35c. Can be mailed—postage extra.

KALITE

A quick killing non-arsenical dust which comes all ready for use. Kalite is used for chewing insects whenever dusting is required. 1 lb. 35c; 5 lb. \$1.50; 25-lb. drum \$5.00; 100-lb. drum \$15.00. Can be mailed—postage extra.

EVER GREEN

KILLS ANTS AND GARDEN INSECTS

EVER GREEN is recommended for use against both sucking and chewing insects such as plant lice, cabbage worms, cut worms, thrips, cucumber beetle, rose chafer, red spider, mealy bugs. Harmless to humans, animals and birds; kills only insects.

1 oz. makes 6 gals. spray.....\$.35
6 ozs. makes 38 gals. spray..... 1.00
16 ozs. makes 100 gals. spray.... 2.00
32 ozs. makes 200 gals. spray.... 3.50
Can be mailed—postage extra.

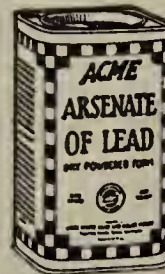
ACME M. S. R. Dusting SULPHUR



A high grade powdered sulphur put up in convenient sifter-top cans ready for use. It contains a small portion of dry lime-sulphur (to improve control in combating black spot) and a colloidal clay to keep the sulphur from lumping. Recommended for the control of mildew, leaf-pot, rust and red spider. 1-lb. can 45c, f.o.b. Los Angeles. Can be mailed.

ACME ARSENATE OF LEAD

For the control of codling moth, cabbage worms, caterpillars, beetles and all other leaf-eating or chewing insects. In mixing spray material use 3 to 4 heaping tablespoons of Arsenate of Lead to one gallon of water. Sprayed on the most tender plants it will not burn the foliage. For dusting mix thoroughly one part Arsenate of Lead to 5 or 6 parts Hydrated Lime. 1-lb. carton 30c; 4-lb. paper bag 70c, f.o.b. Los Angeles. Cannot be mailed.



DESTRUXOL

This is one of the finest sprays we know for use against such common garden pests as aphids, thrips, lice, red spider, leaf roller hoppers, mealy bugs and mildew. It contains Nicotine Sulphate, Cyanide, etc., the Cyanide giving off fumes which reach insect life on the under side of the foliage. Destruxol may be used at all seasons with entire safety although the warmer the weather, the greater is the fuming action. There is little chance of burning or checking growth and on roses or other hardy subjects, the solution may be used at double strength. Use 1 large teaspoonful of Destruxol to 1 gallon of water.



1 oz. makes 5 gals. spray.....\$.40
2 ozs. makes 10 gals. spray..... .65
4 ozs. makes 25 gals. spray..... .90
1/2 pt. makes 50 gals. spray..... 1.40
1 pt. makes 100 gals. spray..... 2.10
1 qt. makes 200 gals. spray..... 3.75
f.o.b. Los Angeles. Cannot be mailed.

BLACK LEAF 40

A 40 per cent Nicotine solution for the control of plant lice or aphids on roses and other garden plants. Must be applied in vapor form with a spray pump. Black Leaf 40 will kill all aphids or plant lice that are covered with the spray material. Full directions on the package. 1-oz. bottle 35c; 5-oz. bottle \$1.00; 1-lb. bottle \$2.25; 2-lb. tin \$3.35; 5-lb. tin \$6.00; 10-lb. tin \$8.60. Cannot be mailed.

SEMESAN



A successful seed, plant and soil disinfectant in control of diseases such as "Damping-off" of seedlings. 2-oz. tin 50c; 1-lb. tin \$2.50; 5-lb. tin \$11.75, f.o.b. Los Angeles. Cannot be mailed.

SEMESAN BEL

Very effective in treatment of Gladiolus and other bulbs. It will control disease and produce healthier plants. 4-oz. tin 50c; 1-lb. tin \$1.75; 5-lb. tin \$8.00, f.o.b. Los Angeles. Cannot be mailed.

NU-GREEN

Recommended for brown patch control. Will quickly restore diseased grass to normal. 3-oz. tin 50c; 1-lb. tin \$1.75; 5-lb. tin \$8.00. Cannot be mailed.

Antrol



Ants Destroyed

The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. The containers are partially filled with syrup and placed about the outside edges of the house or along "ant" trails in the garden if the infestation occurs there. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed. Prices: Antrol sets containing 4 containers and 4-oz. bottle of syrup 75c; Antrol extra containers, ea. 12 1/2c; Antrol syrup, 4-oz. bottle 25c; pints 65c; quarts \$1.00; set of 4 ready-filled jars, 50c. Cannot be mailed.

Spray Pumps

BROWN'S AUTO SPRAY No. 9

Sturdy compressed air sprayer, equipped with a heavy brass screw cap to lock pump in reservoir. The metal in the tank is lock-seamed, well riveted, soldered inside and out. May be obtained with brass or galvanized tan. Brass tank is strongly recommended as it will not rust and will withstand strong solutions. Capacity 4 gallons, height 2 feet, diameter 7 inches. For spraying field crops, shrubs, vines, poultry houses; for removing wall paper, disinfecting, white-washing, creosoting shingles, applying floor oils and for general purposes. 2-foot extension with each machine, no extra price. New solid seamless brass pump and brass ball check valve. Furnished with angle nozzle. Weight empty 9 lbs. Packed for shipment, 10 lbs.



- No. 9-B. Brass Tank with Auto-Pop, \$9.75.
- No. 9-D. Galvanized Tank with Auto-Pop, \$6.50.

f. o. b. Los Angeles

BROWN'S AUTO SPRAY No. 50



Lighter Weight—Smaller Capacity
This sturdy machine is almost identical to Auto Spray No. 9 in construction and manipulation, but with smaller capacity, holding about 2½ gallons. Height 18 inches, diameter 7 inches. It is entirely suitable for spraying on a smaller scale. It is particularly recommended for use where weight is a factor, as when the women folks or youngsters help out with the spraying. Furnished with angle nozzle.

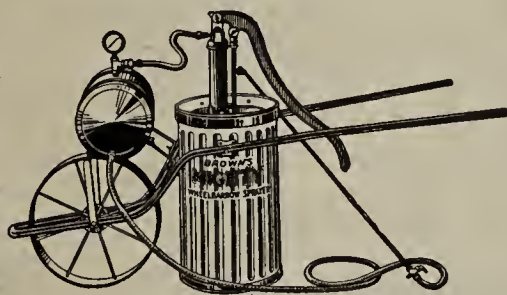
Construction and uses same as No. 9. Equipment same as No. 9, except 18-inch extension in place of 2 feet. Solid seamless brass pump and check valve. Weight empty 6 lbs., loaded 23 lbs., shipping weight 7 lbs.

- No. 50-B. Brass Tank with Auto-Pop, \$6.75.
- No. 50-D. Galvanized Tank with Auto-Pop, \$4.75.

f. o. b. Los Angeles

BROWN'S MIGHTY

An unexcelled sprayer for use in orchards, truck garden and all general spraying. The 15-gal. tank is constructed of extra heavy corrugated copper bearing galvanized steel sheet, and the sturdy air storage tank is guaranteed for 250 lbs. pressure and is fitted with heavy duty brass pressure gauge. The pump is equipped with heavy paddle agitator. Well packed—unassembled. Shipping wt. 112 lbs. Price \$35.75 f.o.b. Los Angeles.



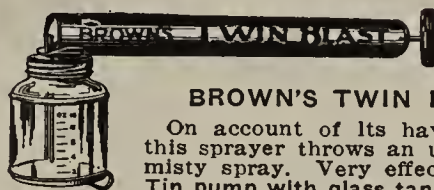
BROWN'S RELIANCE

Similar to Brown's Mighty but without the pressure air tank. Well packed—unassembled. Shipping weight 83 lbs. Price \$24.50 f.o.b. Los Angeles.

BROWN'S No. 30-D

An inexpensive wheelbarrow sprayer suitable for all spraying. Galvanized tank of 12-gal. capacity. Shipping weight 50 lbs. complete with truck and wheel. Price \$12.00 f.o.b. Los Angeles.

For particulars of Barrel and other Sprayers, and large size Dusters, see our General Catalog.



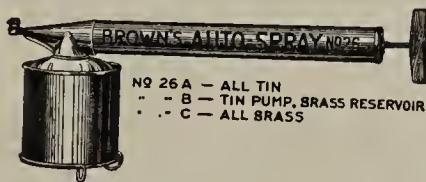
BROWN'S TWIN BLAST SPRAYER

On account of its having two syphon tubes this sprayer throws an unusually large blast of misty spray. Very effective. Tin pump with glass tank, 1 qt. 75c; postage 10c.

BROWN'S GEM SPRAYER

Very useful little pump for small jobs. All tin, ½ pint size 35c; postage 10c.

BROWN'S AUTO SPRAY No. 26



- No. 26 A — ALL TIN
- " " — B — TIN PUMP, BRASS RESERVOIR
- " " — C — ALL BRASS

A continuous atomizer of unusual merits. The container can be detached for refilling and cleaning by simply unscrewing from the pump cylinder. The syphon tube is easily removed and quickly cleaned by removing the nozzle.

USES. For spraying garden crops, for use in greenhouses, for handling disinfectants and fly oils. It can be used with all spraying solutions.

- No. 26-A. Tin pump, 1-qt. glass tank, \$1.25; postage 10c.
- No. 26-B. Tin pump, 1-qt. brass tank, \$1.35; postage 10c.
- No. 26-C. All brass, 1-qt., \$1.50; postage 10c.



BROWN'S TROMBONE SPRAYER No. 5

Equipped with nozzle for fine spray or straight stream. May be used for garden spraying, whitewashing and disinfecting. With the smallest effort a wonderful volume of spray is produced, capable of reaching the tops of average trees. It is made entirely of brass. Pump as shown above, with short hose, strainers and three spraying nozzles. Shipping weight 5 lbs. Each \$5.00, f.o.b. Los Angeles



NICO DUSTER



This duster is adapted for use with sulphur and all insect powders. Because of its size and efficiency

it is a favorite with the housewife in applying roach, ant and various bug powders. Also very practical for dusting rose bushes, etc., in small gardens. This little gun makes dusting a pleasure. Price 50c; postage 10c.

BROWN'S CRYSTAL DUSTER



Brown's Crystal Duster is one of the newest type dusters on the market. This duster has the glass jar feature which enables the operator to see the agitation of the dust and shows the amount of dust in the container. It is equipped with a long extension and adjustable nozzle which enables the operator to dust from underneath without bending. Crystal Duster, tin cylinder, glass container, 1 qt., \$1.35; postage 10c.

SPRAY HOSE

- Heavy, high pressure hose for power pumps:
- ¾ inch 25c per foot
 - ½ inch 30c per foot
- Hose for use on small spray pumps:
- ¾ inch 17c per foot
 - ½ inch 21c per foot
 - 3-foot Brass Extension Rods \$1.00 each

Prices, f.o.b. Los Angeles

A & M Rainbow Collection

SWEET PEAS

6 Pkts. of A & M Superflora in
separate colors

65c

A&M
reliable
SEEDS



Aggeler & Musser
SEED CO.
LOS ANGELES, CAL.

⌈ A & M RAINBOW COLLECTION. Containing six 15c packets of A & M SUPERFLORA SWEET PEAS in six exquisite colors, each separate; also one packet McQUEEN'S INOCULATOR; "Fresh-Pak" in cellophane and stamped with a blue seal for your protection - 65c postpaid ⌋

AGGELER & MUSSER SEED CO.