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The Wayside Gardens Co.
MENTOR, OHIO
1934

Price 25 cents



Foremost Landscape Architect Gives You His Secret

A Famous Landscape Architect Tells What Tulip Varieties
and Colors He Used in His Most Successful Plantings

Each autumn we receive hundreds of letters from customers who want us to help them in selecting their Tulips. By far the greatest number of requests are from people that want a lovely display of color of good varieties at not too high a cost. With the help of one of the best landscape architects in this country we have selected a number of Darwins, Breeder and Cottage Tulips in various colors and shades. The varieties suggested will give a complete and harmonious range of colors.

In order to make this complete color selection it is necessary to use several of the newer and better varieties. Regardless, we have priced these collections very moderately. The architect assisting us, after glancing over the names remarked, "I would recommend these collections to my most critical clients." May we suggest to you, if you are not familiar with Tulips, to plant one of these collections, we are sure the result will please you and be a credit to us.

Collections Nos. 1, 2, 3 and 4 will be made up from these varieties

Darwin Tulips

Afterglow	Mr. Farncombe Sanders	Melicette
Venus	Pride of Haarlem	White Emperor
Clara Butt	Rev. H. Ewbank	Princess Elizabeth
	Scarlet Beauty	

Cottage Tulips

John Ruskin	Picotee
Inglescombe Yellow	Moonlight
Sirene	Ambrosia

Breeder Tulips

Bronze Queen	Prince of Orange
Apricot	Louis XIV

Tulip Collection No. 1 for \$5.95

100 bulbs in 20 varieties—all labeled and packed separately—5 bulbs of a variety

Tulip Collection No. 2 for \$11.75

200 bulbs in 20 varieties—all labeled and packed separately—10 bulbs of a variety

Tulip Collection No. 3 for \$28.50

500 bulbs in 20 varieties—all labeled and packed separately—25 bulbs of a variety

Tulip Collection No. 4 for \$56.00

1000 bulbs in 20 varieties—all labeled and packed separately—50 bulbs of a variety

Collections Nos. 5, 6, 7 and 8 will be made up from these varieties

Darwin Tulips

City of Haarlem	White City	La Tulipe Noire
King George V.	Venus	Faust
Mrs. Mandel	Prince of Wales	President Taft
	La Fiancee	

Cottage Tulips

Mrs. Moon	Avis Kennicott
Grenadier	Orange King
Dido	

Breeder Tulips

Bacchus	Dom Pedro
Lucifer	Fairy
Jaune d'Oeuf	

Tulip Collection No. 5 for \$6.60

100 bulbs in 20 varieties—all labeled and packed separately—5 bulbs of a variety

Tulip Collection No. 6 for \$13.15

200 bulbs in 20 varieties—all labeled and packed separately—10 bulbs of a variety

Tulip Collection No. 7 for \$32.80

500 bulbs in 20 varieties—all labeled and packed separately—25 bulbs of a variety

Tulip Collection No. 8 for \$64.00

1000 bulbs in 20 varieties—all labeled and packed separately—50 bulbs of a variety

The Above Prices Include Transportation Charges to Your Home



An Easy New Way To Grow Winter Flowering Bulbs in Your Own Home

by Using

Wayside Gardens Bulb Fiber

Patent Pending



Narcissus, King Alfred.



Tulip, Couronne d'Or.

A CHARMING effect can be obtained by growing spring flowering bulbs in bowls, without drainage, by using our specially prepared Bulb Forcing Fiber. This material is light and clean to handle. Indeed, it is in every way preferable to soil or pebbles for growing bulbs.

Culture: Moisten the fiber to saturation, fill the bowl with the soaking wet fiber mixture up to the rim and plant the bulbs in the same manner as with ordinary soil. A little fiber should be shaken down into place after planting but should not be pressed down too tightly or the bulbs will be forced upwards when root growth commences.

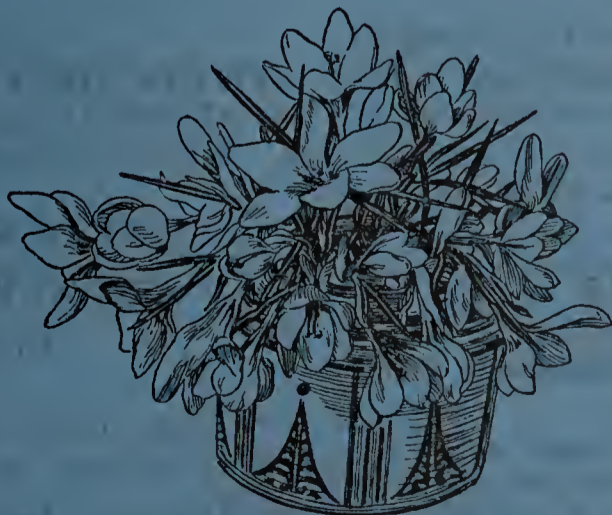
After planting, adopt either of the following plans:

The bowls may be placed in a cold frame, airy cellar or in a dark or moderately dark airy cool room. They must never be placed in a close cupboard. It will not be necessary to give a great deal of water; perhaps once every 2 weeks.

In the case of bowls placed in the cold frame there will not be much need to give any water. Where, however, the bulbs are not exposed to rain, the bowls should be examined twice a month, care being

taken that the fiber mixture is kept uniformly damp. For the first weeks after planting, additional water should be given sparingly, sufficient only to encourage root action. As soon as the bulbs are well rooted, water should be given more freely. If the mixture is allowed at any time to become dry, the flower buds may go blind. Should by any chance too much water be given, the bowls may be drained by tipping them on their side.

When the bulbs have made a good top growth in the dark, the bowls should be placed in a sunny window where they will get the morning sun. They must have sufficient light and air to prevent the foliage from becoming drawn. Never place bowls on top of radiator cover. A temperature of 55 to 60 degrees is sufficient to obtain good blooms; the bulbs resent too warm a temperature.



CROCUS SIEBERI

illustrated on the right, is most satisfactory for growing in fiber.

PRICE WAYSIDE GARDENS BULB FIBER

Patent applied for.

1/2 peck	\$0.50
1 peck .....	.90
1/2 bushel	1.75

The Best Bulbs to Grow in Wayside Gardens Bulb Forcing Fiber

Roman Hyacinths, 5 or 6 in a bowl, make a very charming table decoration, and if potted early in September may easily be had in bloom by middle of December; if a number are potted at the date mentioned, a succession of these charming flowers may be had until the middle of January by bringing a bowl into warmth, say every 2 weeks.

Freesias are delightful flowers. If potted in September or early in October, keeping in a cool frame till well rooted, they may be had in bloom early in February. They require plenty of light, otherwise they become "drawn" and do not flower well. Must be grown very cool, about 55°, and the bulbs must never be exposed to frost before bringing into the house.

Paper-White Narcissi, Soleil d'Or Narcissi. These, if planted from early in September to the middle or end of October, will bloom from about the middle of December to the middle of January. Grow much stronger in our fibre than they do in pebbles. The flowers also last much longer.

Poetaz Laurens Koster, Poetaz Klondike. Charming specimens for house decoration grown in bulb fiber in bowls. They are deliciously perfumed and specially recommended. Should be grown in the same manner as Roman Hyacinths.

TRUMPET DAFFODILS

King Alfred. The merit of this variety is that it blooms early, and by planting in the beginning of October it may be had in bloom from about January onwards. It has a very bright yellow flower, which is thrown well above the abundant foliage.

Golden Spur does wonderfully well treated in the same way.

Emperor always makes a handsome display, but as the bulbs are large it is desirable to have a large and deep bowl to put them in.

Madame de Graaff is strongly recommended for growing in bowls. It opens with a pale yellow trumpet, but goes a creamy white with age. One of the most charming of all white Daffodils.

Van Waveren's Giant, Victoria, Olympia, are favorite varieties. They always do well.

SHORT-CUP DAFFODILS

Lord Kitchener is a favorite at a moderate price. A certain bloomer, very floriferous, generally throwing 2 and very often 3 flowers from each bulb.

Campernelle Rugulosus with its rushlike foliage and pretty yellow starlike flowers like a large Jonquil generally 2 or 3 on a stem. Always does well and cannot be too strongly recommended.

Varieties Recommended



Hyacinth, Queen of the Blues.

Barri Conspicuous with its lovely rich orange cup, generally give 2 or 3 flowers from a first size bulb.

White Lady, another charming variety, does well. We do not advise the very expensive varieties as one can derive quite as much pleasure from the best of the ordinary ones.

Hyacinths do wonderfully well in this fiber. First size bulbs or second size bulbs in a bowl make a charming display. All the varieties offered in our catalog may be used. Do not plant Mixed Hyacinths; they never look so well as all one variety, owing to their not blooming together.

SINGLE EARLY TULIPS

Special care is required to see that they do not get dry at the roots because if this happens the pores of the roots close up and flowers fail.

Pink Beauty. A lovely rich pink, very lasting.

De Wet. Beautiful shade of copper.

Mon Tresor. Large, pure golden yellow.

Brilliant Star. Bright vermilion-scarlet.

Vermilion Brilliant: Bright, glistening scarlet with a yellow base.

Prince of Austria. A beautiful orange-scarlet which grows tall and is most effective.

DOUBLE EARLY TULIPS

Murillo. Delicate rose-pink, flushed white.

Mr. Van der Hoef. Beautiful golden yellow.

Peach Blossom. Bright rose-pink.

Couronne d'Or. Rich golden yellow, shaded copper.

Tea Rose. Saffron-yellow. Nearly all Early Tulips do well in Bulb Fiber if care is only taken to keep the roots thoroughly moist, particularly when the flower bud is showing.

LILY-OF-THE-VALLEY and DIELYTRA SPECTABILIS (Bleeding Heart) are easy subjects and having such graceful flowers are strongly recommended.

SCILLA SIBIRICA

CHIONODOXA

SNOWDROPS

IRIS RETICULATA

CROCUSES (Except Yellow)

These bulbs do well and give exquisite effects if looked after and they are highly recommended.

Complete planting instructions for all the varieties we have suggested will be sent with each order.



Quality Without Extravagance

WITH pride and a great deal of satisfaction we are able to inform our customers that the greatest bulb growing firm in Holland has selected Wayside Gardens to introduce for them their new developments in Tulips and other bulbs.

Progress made especially in the development of Tulips and Daffodils makes it possible for us to furnish you this season with gorgeously colored New Ideal Darwin Tulips. New Breeder and the lovely pastel colored Chinese Lantern Tulips. The charm and breath-taking beauty of the new Narcissi is all too inadequately portrayed by the color illustrations shown in this book.

True to our policy which has made Wayside Gardens famous, we are listing all these new things at most reasonable prices. To avoid confusion all inferior or indifferent varieties have been replaced by these magnificent novelties at tempting prices.

The quantities available of the newer bulbs are limited. May we, therefore, count on you to order early!

All Rare Bulbs Must Be Ordered Before August 1st

AUGUST FIRST is the latest we can accept orders for the rare and unusual bulbs offered in this catalog. These rare bulbs are offered at a very low price and we cannot take any risk of having this stock on hand unsold. The low price will not permit any surplus or losses. They are, therefore, imported to your order only!

All standard varieties have been indicated by a star and will be carried in stock in the autumn. Ordering the standard varieties early, now if possible, will be very helpful to us and we sincerely ask for your co-operation.

TOP SIZE BULBS ONLY! are sold by Wayside Gardens. Bulbs are available in many sizes and many grades, but the "Cream of the Crop" for which we pay a premium to the best and most critical growers, is set aside for us. We do not, under any circumstances, wish to compete with cheap bulbs. Our prices are low for the magnificent quality bulbs we sell.

Hundreds of letters from expert gardeners and enthusiasts testify each spring that Wayside Gardens quality bulbs are in a class by themselves.

The cultural instructions which go with each order will enable you to grow exhibition blooms without difficulty.

ALL TRANSPORTATION CHARGES ARE INCLUDED in the prices quoted, such as freight, express or postage, from Mentor to your door. As few as 6 bulbs of one kind may be ordered at the dozen rate, 25 bulbs of one kind will be charged at the 100 rate.

The "Dutch Bulbs" will be sent to you early in October. Autumn-Flowering Crocus will be sent in August and September. Other bulbs when in best condition to be shipped.

WE DO NOT SEND BULBS C. O. D. unless you request it, but ship your order when bulbs arrive, mailing invoices at the same time, and all bills are due in 30 days, net.

For those who desire to send us cash with the order, and thereby forfeit the use of the interest on the same from the time they send it until bulbs are shipped, we ask that they deduct a cash discount of 5% from their order to compensate them for this loss.

We shall be glad to open a charge account if desired. References about the financial responsibility of our company may be had from The Painesville National Bank and Trust Co., or the Cleveland Trust Co., both at Painesville, Ohio.

We Guarantee every bulb we send out to be first class in every respect and absolutely true to name, and we further guarantee that all will bloom for you if you will give them reasonable care and carry out our cultural instructions which are enclosed with every order. Your money will be refunded or new bulbs sent if they do not come up to our claims or your expectations.

We guarantee safe arrival to all points within the United States and upon your notice will replace immediately any damaged stock at our expense.

A like guarantee is, we believe, not made by any other firm in America. It is only possible because of two things:

First, the bulbs we sell are the choicest money can buy and are imported from the best and most critical grower in the world.

Second, the men working for and at the head of Wayside Gardens are skilled horticulturists, who take pride in their work and are trained to do things as they should be done.

Buy from Wayside Gardens and see the difference!

May 1st, 1934

The Wayside Gardens Co.

OWNERS: E. H. Schultz
J. J. Grullemans





The New Ideal Darwin Tulips

Our latest introduction, the "Ideal" Darwin Tulips, are the finest type Darwins raised. They are far superior to the ordinary Darwin Tulips. The blooms are an outstanding triumph to our hybridists' art. A glorious flower combining a more graceful habit with perfect form, superb substance and exceptional lasting quality. Perhaps the most remarkable feature of this gorgeous new strain is the earliness of many of the varieties and their adapt-

ability for early forcing. Ideal Darwin Tulips flower a week earlier and are still in perfect condition when the common Darwin Tulips are through flowering in the garden.

It is with a great deal of pride that we inform you that we have been selected from among the many importers to introduce these magnificent new Darwin Tulips in America.

Abd-el-krim. \$2.20 per 12; \$14.50 per 100.

A tremendous dark purplish red flower, carried on a tall, stiff stem. Largest in this color. Height 28 inches.

***Adoration.** \$2.40 per 12; \$16.50 per 100.

A brilliant flesh-pink Tulip with lighter edge, and white base. Very large and strong flower, carried on a tall, stiff stem. A great improvement on other Tulips of similar color. Highly recommended. Height 29 inches.

***Bella Donna.** \$2.20 per 12; \$14.50 per 100.

Lovely crimson-red with greenish blue center. Of ideal form, very large and very substantial flower, which is carried on a strong stem. Height 28 inches.

***Benjamin Franklin.** \$1.80 per 12; \$12.25 per 100.

A lovely pure lavender Tulip of perfect form; we recommend this variety for bedding. The flowers are carried on a stiff and strong stem and have great lasting qualities. Height 27 inches.

***Blue Danube.** \$1.95 per 12; \$13.00 per 100.

Fine dark purple with greyish flush, inside purplish blue with blue and white center. Large flower of great substance. Height 29 inches.

***Camellia.** \$1.95 per 12; \$13.00 per 100.

A lovely satiny rose-pink flower of great beauty; large, white base, oval-shaped, on strong stem. Highly recommended. It is far superior to Princess Elizabeth. Height 27 inches.

***Cherry Pink.** \$1.70 per 12; \$11.75 per 100.

Bright cherry-pink, flowers are shaped like a rosebud, delicately edged white, center blue and white. Height 30 inches. (Color illustration, page 6).

***Colleen Moore.** \$2.40 per 12; \$16.50 per 100.

Vermilion-red, inside glowing orange with yellow center. The effect is a magnificent brilliant fiery orange when the flower is fully open. The blossom is large and strong, carried on a strong, stiff, wiry stem. Height 26 inches.

Covallin. \$2.30 per 12; \$15.50 per 100.

Outside of flower is reddish pink, the inside of the cup is bright salmon-red with clear sharp white center. A most attractive variety. Height 27 inches.

***Duke of Wellington.** \$2.30 per 12; \$15.50 per 100.

A delightful pure white flower of great beauty and substance, white anthers and pure white base, is carried on a stiff stem. Highly recommended. Height 25 inches.

***Foam.** \$1.70 per 12; \$11.75 per 100.

Large; of purest white and perfect form; white base and black anthers. This Tulip has tremendous lasting qualities, very thick flower petals and not too heavy stem. Height 24 inches.

***Gloria Swanson.** \$2.40 per 12; \$16.50 per 100.

An enormous crimson-red flower, with bluish base. We do not believe that a larger and stronger Tulip in this color has ever been raised. Very strong stem, flower has great lasting qualities. This really is a giant and an excellent variety. Height 32 inches.

***Helen Wills.** \$2.20 per 12; \$14.50 per 100.

Dainty rosy lilac, flushed blue, bluish white base. Large flower of perfect form, is far superior to all Tulips known in this shade. Highly recommended. Height 27 inches. (Color illustration, page 6).

***Heliotrope.** \$1.65 per 12; \$11.50 per 100.

A delightful flower of clear heliotrope color. Height 26 inches.

Heroine. \$2.80 per 12; \$20.50 per 100.

Very fine lemon-yellow, flushed darker yellow inside with still darker yellow base. Elegant, oblong-shaped flower on straight stem. Highly recommended. Height 24 inches.

Horace Virnet. \$2.40 per 12; \$16.50 per 100.

Crimson-red with broad, lighter red edges on petals. Inside of flower is salmon with olive-green center. An excellent large flower on an erect stem. Height 28 inches.

Humming Bird. \$2.40 per 12; \$16.50 per 100.

Clear deep violet with light center, a very delightful Tulip and one of the best of our novelties in this color for the garden. A fine big flower on wiry stem. Height 29 inches.

Imperator. \$2.80 per 12; \$20.50 per 100.

A giant blood-red flower with dark blue center, which is carried on a tall, strong stem with extremely substantial flower petals. Highly recommended. Height 28 inches.

Insurpassable. \$2.95 per 12; \$23.50 per 100.

A mammoth lilac Tulip, flower is of great substance and carried on a tall and strong stem. This is a great improvement on the well known Darwin Tulip, Wm. Copland, as the flower is at least three times larger and of a far better color. Highly recommended. Height 28 inches.

***King White.** \$2.20 per 12; \$14.50 per 100.

A perfect pure white flower, white base, anthers black. Finely formed and carried on sturdy stem. Height 25 inches.

***Kriemhilde.** \$2.30 per 12; \$15.50 per 100.

A very delicate creamy white flower with white base and anthers and very thick flower petals. Graceful, oval-shaped flower on erect stem. Early blooming, with great lasting qualities. Height 28 inches.

***Lady Hillingdon.** \$3.00 per 12; \$22.50 per 100.

This variety has been named after the rose it resembles in color. When flowering outside it is orange shaded buff, a color not found among the Darwins; when forced it is bright orange and a large and most beautiful Tulip. The flower is carried on a thin, wiry stem. Height 27 inches.

***La France.** \$2.30 per 12; \$15.50 per 100.

A self-colored bright rose-pink Tulip of great beauty; white base. Large and strong flower on stiff stem. Highly recommended. Height 28 inches. (Color illustration, page 5).

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





***La Tosca.** \$2.60 per 12; \$18.50 per 100.
Large, creamy yellow, egg-shaped flower with a darker yellow edge, turning sulphur-white when in full bloom; yellow base. Strong growing plant; flowers are carried on tall, stiff stems. A Tulip of delicate beauty. Height 27 inches. (Color illustration, page 5).

***Lilac Wonder.** \$1.75 per 12; \$12.00 per 100.
A color which up to now has not been shown in any Tulip, the flower is porcelain lilac with a white center and borne on a stiff stem. Height 25 inches.

L'Innocence. \$2.15 per 12; \$14.00 per 100.
A pure white flower of great substance, a fine improvement over Zwanenburg. Little can be said about white flowers. This one as well as the others in this collection are real worth-while additions to a class of Tulips which heretofore was void of white. Height 28 inches.

Love Dream. \$2.40 per 12; \$16.50 per 100.
Soft rosy pink shaded buff with broadly edged light rose on the outside of flower petals, inside light rose. Substantial flower. Height 26 inches.

***Lord Lambourne.** \$2.35 per 12; \$16.00 per 100.
Strikingly graceful flower of perfect form on an erect stem of splendid lasting qualities. Color is best described as a delicate sulphur-white with a creamy white base, golden yellow anthers. A lovely variety. Height 28 inches. (Color illustration, page 5).

Madame Edouard Herriot. \$2.60 per 12; \$18.50 per 100.
Resembling, when forced, the rose of this name, bright red with salmon-orange glow. The flower is perfect, of good size and substantial. We consider this to be one of the finest novelties lately introduced. Height 26 inches.

***Marble Queen.** \$1.10 per 12; \$8.50 per 100.
Porcelain-lilac, large and strong flower which is carried on a stiff stem. Highly recommended for bedding. Height 28 inches.

***Margaux.** \$2.20 per 12; \$14.50 per 100.
Deep wine-red, with broad light edge. Tremendous flower, oval-shaped with blue base, and carried on a strong and stiff stem. One of the largest. Height 30 inches.

***Mascotte.** \$2.40 per 12; \$16.50 per 100.
A peculiar salmon-orange flower with yellow center. Very refined variety with Cottage Tulip shaped flower which is carried on thin wiry stem. Height 25 inches.

***Mermaid.** \$1.75 per 12; \$12.00 per 100.
Delicate rose-pink with lighter border, creamy white base; tremendous flower of oval shape, strong and tall stem. This novelty is among the first to bloom when planted outside and has great lasting qualities. Height 28 inches.

***Mount Everest.** \$2.30 per 12; \$15.50 per 100.
A very fine snow-white Darwin Tulip of great substance. Graceful flower of perfect form; one of the purest whites, the earliest to bloom and the last to fade. Height 28 inches.

Mrs. Grullemans. 75c each; \$6.00 per 12.
A lovely pure white Darwin Tulip; flowers are large and of great substance with pure white center, light sulphur-yellow anthers and stiff stem. Recommended for forcing; the flower then becomes creamy white. One of our best novelties. Height 27 inches.

***Mrs. Mandel.** \$1.35 per 12; \$10.00 per 100.
A much improved Wm. Copland, with larger and far more substantial flower. Violet-blue flushed lilac with large white base. Excellent keeper, strong stem. Height 27 inches. (Color illustration, page 5).

***Muriel.** \$2.30 per 12; \$15.50 per 100.
A very rare color among Tulips, clear reddish violet, large white base. Of quite distinct shape, outer petals slightly reflexing when in full bloom. Strong flower on straight stem. Height 25 inches.

Pola Negri. \$2.45 per 12; \$17.00 per 100.
Delicate salmon-rose flushed with dark pink. Petals show a decided rosy edge, base of flower is yellow. Long, well-formed flower. When forced or in the garden it is superior to any variety ever shown in this color. Exceptionally long lasting. Height 25 inches.

Rose Glory. \$2.10 per 12; \$13.50 per 100.
A glorious deep rose-pink with lighter edge, center white. Large, well-formed flower of great beauty. Highly recommended for early February forcing; it has the color of a dark Clara Butt when forced. Height 28 inches.

***Scotch Lassie.** \$2.10 per 12; \$13.50 per 100.
Purest deep lavender with darker shade inside and with dark blue base. This variety is far superior to the well known Melicette or any other kind in this color, larger and a far more substantial flower, slightly reflexing. Will last three to four weeks either in the garden or when cut. Among the best lavender Tulips in our collection. Height 26 inches.

Sonia. \$2.30 per 12; \$15.50 per 100.
Vermilion-red with salmon flush, inside orange-red with yellow and blue center. Highly recommended for late January forcing, as the color is quite distinct. Height 28 inches.

The Peach. 45c each; \$4.00 per 12.
A glorious peach-colored Tulip, with large, white center, the flower is large and is carried on a stiff stem. This Tulip may be forced in the middle of January. Highly recommended. Height 27 inches.

***Tilly Luss.** \$2.15 per 12; \$14.00 per 100.
A lovely rose-purple with grayish black center; large, pointed flower of great substance. Height 27 inches.

***Tokay.** \$1.65 per 12; \$11.50 per 100.
Resembles in color the wine of this name. Tremendous flower on a stiff and tall stem. Height 29 inches. (Color illustration, page 10).

***White City.** \$1.35 per 12; \$10.00 per 100.
Pure white with black anthers. Large and strong flower, carried on a stiff, straight stem. Recommended for bedding purposes. Height 28 inches.

White Emperor. \$1.35 per 12; \$10.00 per 100.
Pure white, creamy white center with black anthers. Recommended for forcing in late January. Large and strong flower. Height 26 inches.

***White Giant.** \$2.35 per 12; \$16.00 per 100.
This is a perfect white Tulip, it has the correct Darwin form, straight, stiff and tall stem; flower petals are thick; it is without question one of the best white Tulips ever offered. Height 30 inches.

Scarlano. \$2.30 per 12; \$15.50 per 100.
A very pleasing bright red Tulip. The flower when fully open shows a very interesting blue and white center. One of the very best red garden varieties. Height 27 inches.

Shot Silk. \$2.60 per 12; \$18.00 per 100.
An outstanding variety, silky white with pure white base and anthers. The pure lovely oval-shaped flower is carried on a stiff wiry stem. A flower of great substance and long lasting. Height 26 inches.

Sunset Glow. \$2.45 per 12; \$17.00 per 100.
A charming deep rose-shaded orange on the outside. Inside bright salmon with orange cast, yellow center. This lovely Tulip is admired wherever grown. A good-sized flower on wiry stem. Height 26 inches.

Wilhelm Kordes. \$2.60 per 12; \$18.00 per 100.
The outer petals are salmon-red with a lovely orange edge. Inside the color livens to a bright salmon-orange with blue center. A flower of perfect form carried on a wiry stem. Height 28 inches.

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





Darwin Tulips

Standard Varieties

The colors include the brilliant scarlets and crimsons, and the more somber tones of red. The shades of rose and pink, of violet and purple, are unsurpassed for their delicacy or their richness of color. There are slate blue and blue-violets which might almost be called blue, while Dumas' "Black Tulip" is very nearly realized in some of the dark maroon varieties. All the bronze and buff tones are

Breeders; while bright yellow and orange-scarlet must be sought among the Cottage Tulips. The Darwins may be left undisturbed for years, and if taken care of, will last many years. The varieties offered are the best standard kinds; inferior sorts have been omitted.

The figure following the name indicates the relative time of flowering.

- ***Afterglow.** 4. 90c per 12; \$6.50 per 100.
Deep rosy orange, with salmon shading at edges of petals; inside deep orange with yellowish base. Height 26 inches. (Color illustration, page 10).
- ***Anton Mauve.** \$1.10 per 12; \$8.00 per 100.
Enormous flower. Violet, bordered soft grayish white. It is extremely effective next to Iberis Sempervirens or Doronicum. Height 32 inches.
- ***Aphrodite.** 3. \$1.00 per 12; \$7.25 per 100.
Silvery rose-pink, white base. A beautifully shaped Tulip of great strength; flower lasting a long time. Height 34 inches.
- ***Baronne de la Tonnaye.** 4. 80c per 12; \$5.75 per 100.
Bright rose, margined blush rose. Height 26 inches.
- ***Bartigon.** 1. 80c per 12; \$5.50 per 100.
A very showy flower on strong stem; fiery crimson with pure white base, ringed deep blue. Height 28 inches.
- ***Bleu Aimable.** 4. 85c per 12; \$6.00 per 100.
Pale lavender, with white base, starred blue; beautiful flower of distinct shape. Height 25 inches.
- Bleu Celeste.** 2. \$2.20 per 12; \$14.50 per 100.
Violet-blue flower of fine form. Handsome near Tulips of clear pink tones. Height 30 inches.
- ***City of Haarlem.** 3. 95c per 12; \$7.00 per 100.
A handsome, fiery cardinal-red of great substance. The deep violet base of this Tulip, outlined in white, gives it a striking effect when open. Height 21 inches.
- ***Clara Butt.** 4. 75c per 12; \$5.00 per 100.
Clear pink, flushed salmon-rose; inside much deeper, with blue base. Height 21 inches.
- ***Dream.** 2. 85c per 12; \$6.00 per 100.
Pale heliotrope, inside deep violet with blue base. One of the loveliest of Darwins. Height 27 inches.
- Dresden China.** 2. \$2.20 per 12; \$14.50 per 100.
One of the gems among the new Darwin Tulips. Beautiful pale lilac-rose. A variety that is much admired in our trial grounds. Height 25 inches.
- ***Duchess of Hohenberg.** 2. \$2.15 per 12; \$14.00 per 100.
Most lovely association of lilac and heliotrope. A magnificent flower, borne on a stiff stem. Height 29 inches.
- ***Eclipse.** 2. \$2.10 per 12; \$13.50 per 100.
Glowing blood-red, with steel-blue base. A huge flower, often having an extra number of petals. Height 25 inches.
- ***Farncombe Sanders.** 2. 80c per 12; \$5.75 per 100.
Scarlet; inside vivid cerise-scarlet with white base; large. Flower of perfect shape. Height 25 inches.
- ***Faust.** 3. 95c per 12; \$7.00 per 100.
A large, splendid flower of deep wine color. Magnificent for rich coloring among other Tulips in the border. Height 31 inches.
- ***Feu Brilliant.** 2. 95c per 12; \$7.00 per 100.
A glorious scarlet Tulip; large and beautifully shaped flower on strong stem; one of the first to bloom. Height 28 inches.
- ***Flamingo.** 2. 90c per 12; \$6.50 per 100.
One of the most beautiful pink Tulips. Exquisite pure color and satin sheen. Height 28 inches.
- ***Giant.** 2. \$1.00 per 12; \$7.25 per 100.
Deep reddish purple, shaded dark violet with white

- base. Handsome flower of enormous size on long stem. Height 29 inches.
- Golden Age.** 3. 40c each; \$4.00 per 12.
This giant variety is one of the finest. It is a bright golden orange—and a fine, strong grower with exquisitely shaped flowers. Height 29 inches.
- ***Jubilee.** 2. \$1.10 per 12; \$8.50 per 100.
Of deepest violet, a Tulip of splendid carriage, good form and strong texture. Height 31 inches.
- Kathleen Parlow.** 3. \$1.75 per 12; \$12.00 per 100.
Bright silvery rose, a very delicate flower on tall, strong stem. Highly recommended. Height 30 inches.
- ***King George V.** 2. \$1.05 per 12; \$7.75 per 100.
Glowing salmon-scarlet, shaded bright rose; inside brilliant orange-scarlet with blue base. Height 25 inches.
- ***King Harold.** 3. 85c per 12; \$6.00 per 100.
Deep ox-blood red, with purple-black base; large flower of fine form on a sturdy stem. Superb variety for the border. Height 24 inches.
- ***La Fiancee.** 3. 90c per 12; \$6.50 per 100.
A most beautiful and distinct pink Tulip with a blue base. Plant near purple-leaved shrubs. Height 30 inches.
- ***La Tristesse.** 2. \$1.00 per 12; \$7.25 per 100.
A tall violet Tulip, of good form. Effective grouped among pale yellow Tulips. Height 30 inches.
- ***La Tulipe Noire.** 3. 85c per 12; \$6.00 per 100.
Dark maroon-black, the blackest of all the Tulips. Large flower. Height 25 inches.
- ***Major Sandberg.** 4. \$1.65 per 12; \$11.50 per 100.
Burgundy-red with black center. The flower is large with strong stem of medium height, about 28 inches. Of vigorous growth with compelling appearance.
- ***Melicette.** 3. \$1.00 per 12; \$7.50 per 100.
Soft lavender; inside dark lavender-violet with beautiful blue base. Height 25 inches.
- Mystery.** 2. \$1.85 per 12; \$12.50 per 100.
Very large and beautiful shiny black flower with circular blue base; most effective. Height 23 inches.
- Orange Perfection.** 2. \$1.75 per 12; \$12.00 per 100.
A very striking variety, a brilliant salmon-orange, with a bright blue base. The large, well-proportioned flower is borne on a tall, stiff stem. Height 30 inches.
- President Harding.** 2. \$1.20 per 12; \$9.00 per 100.
The large, deep purple flower, shaded violet, is borne on a tall, strong stem. Goes well together with Breeder Tulip, Golden West. Height 32 inches.
- ***President Taft.** 3. \$1.10 per 12; \$8.00 per 100.
Large, deep crimson-red flower on a very sturdy stem, 20 inches high. A crimson so intense and yet so pleasing that it is one of the outstanding Darwin Tulips. For use in a solid bed it cannot be surpassed.
- ***Pride of Haarlem.** 1. 80c per 12; \$5.50 per 100.
Brilliant rosy carmine with blue base; very large flower on tall, strong stem; sweet scented. Height 25 inches.
- ***Prince of Wales.** 2. 95c per 12; \$7.00 per 100.
A shining cherry-red Darwin. The best of its color—bar none. The merest suspicion of blue in its hue makes it eminently suitable for use with all blue flowers. Height 28 inches.

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





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Mrs. Mandel.
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Darwin Tulip,
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Ideal Darwin Tulip,
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Breeder Tulip,
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Ideal Darwin Tulip,
Cherry Pink.
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- *Princess Elizabeth. 2. 80c per 12; \$5.75 per 100.
Clear deep pink, changing with age to rose-pink, white base. Large flower. Height 26 inches. One of the loveliest pink sorts.
- *Princess Mary. 2. \$2.15 per 12; \$14.00 per 100.
Bright carmine-rose with margin of rose-pink; inside clear carmine-rose with blue base and white halo; huge flower on a splendid stem. A magnificent variety in every way. Height 28 inches.
- Professor Rauwenhof. 3. 80c per 12; \$5.75 per 100.
Bright cherry-red with scarlet glow inside; brilliant blue base. Enormous flower. Height 28 inches.
- Queen of Hearts. 2. \$1.65 per 12; \$11.50 per 100.
A beautiful sport of Farncombe Sanders. It is best described as an apple-blossom-pink. Large, bold flower. Excellent for exhibition. Height 30 inches.
- *Reverend H. Ewbank. 1. 80c per 12; \$5.75 per 100.
Plant this lovely mauve Tulip with sky-blue flax for lovely effect. It is one of the best of its type. A beautiful blending of colors may be had by intermixing with yellow Cottage Tulips. Height 25 inches.
- *Rosa Bella. 3. \$1.00 per 12; \$7.50 per 100.
Exceedingly beautiful salmon-rose. One of the finest pink Tulips. Height 21 inches.
- *Scarlet Beauty. 2. \$1.00 per 12; \$7.50 per 100.
Pure glowing scarlet. Extra large flower. Height 22 inches.
- *Sundew. 1. 90c per 12; \$6.50 per 100.
A lovely cup of glowing crimson uplifted on a tall stately stem. Its petals are beautifully fringed and lacinated at the outer edges. Height 28 inches.
- *The Bishop. 3. \$1.35 per 12; \$10.00 per 100.
Finest deep violet, blue base, white halo. Beautiful form. Plant with yellow pansies. Height 29 inches.
- *Venus. 8. \$1.00 per 12; \$7.50 per 100.
Large, pure silvery rose, white base marked with a pale blue ring; very lovely color; good form and substance. Height 28 inches.

- *Viola. 3. \$1.30 per 12; \$9.50 per 100.
Dark violet, strong, large flower. Height 30 inches. Beautiful variety and one of the best garden sorts.
- *White Emperor. 2. \$1.35 per 12; \$10.00 per 100.
A lovely new, pure white Darwin. Plant next a deep scarlet or dark purple sort. Height 28 inches.
- *White Queen. 2. 95c per 12; \$7.00 per 100.
Almost white when mature; with black anthers, medium size. Height 24 inches. Not recommended.
- *William Pitt. 2. 85c per 12; \$6.25 per 100.
Very dark crimson, with purplish bloom on the outer petals and white base starred blue; large flower of distinct color and great beauty. Height 22 inches.
- *William Copland. 1. 85c per 12; \$6.00 per 100.
Lilac-rose; not a large flower but of merit because it may be forced easily. Height 25 inches.
- *Yellow Giant. 2. \$1.75 per 12; \$12.00 per 100.
A golden yellow Tulip of great beauty and size, large flower with black anthers. Tall and strong stem. This is one of the best of the several yellow varieties which are offered. Highly recommended. Height 29 inches.
- *Yolande. 2. \$1.00 per 12; \$7.25 per 100.
Soft rose; inside brilliant salmon-rose. Improved Clara Butt. Height 27 inches.
- *Zulu. 2. 95c per 12; \$7.00 per 100.
Rich, velvety black with shining purple edges; large, egg-shaped flower, and the finest of all the dark varieties. Height 27 inches.
- *Zwanenberg. 3. \$1.10 per 12; \$8.00 per 100.
Pure white with black anthers. A large, substantial flower and a good white Darwin. Height 28 inches.

*Superb Mixture of Darwins. 80c per 12; \$5.50 per 100.
This is our own special mixture which we recommend where the best results are desired in beds of mixed colors. It is made up of numerous named sorts and in equal proportion of each variety. No attempt is made in this mixture to see just how cheaply it can be made.

Breeder Tulips

Their majestic size and remarkable colors place them distinctly in a class by themselves. Every lover of rich pastel shades cannot fail to revel in the rich and artistic blendings of purple and old gold, bronze and terra cotta,

brown and violet, and buff and maroon found among the Breeders. The flowers are, many of them, sweet scented, and all splendid for cutting.

All indifferent varieties have been removed from this list.

- *Abd-el-Kader. 2. \$1.00 per 12; \$7.50 per 100.
Dark lilac flushed golden bronze. The flower is large and well shaped. Height 30 inches.
- *Apricot. 2. 90c per 12; \$6.50 per 100.
Light bronze overlaid with a deep old rose. Is large and well formed, the petals wonderfully strong, on a tall and erect stem. Height 28 inches.
- *Bacchus. 2. \$1.00 per 12; \$7.50 per 100.
Large, long flower on graceful stem; dark violet-blue, darker bloom on outside of petals, inside violet-blue, white base. The bluest of all Tulips. Height 33 inches.
- Brocade. 1. \$2.40 per 12; \$17.00 per 100.
A new Breeder Tulip, golden yellow shaded bronze on the outer petals. Large, well-formed flower of splendid substance. Height 30 inches.
- *Bronze Queen. 1. 90c per 12; \$6.50 per 100.
Large, strong flower, stout stem; fine form; purplish fawn, interior buff-yellow, bright lemon-chrome base, filaments olive above, yellow below. Height 28 inches.
- *Cardinal Manning. 1. 95c per 12; \$6.75 per 100.
Very large, egg-shaped flower; bishop's purple, flushed rosy bronze, changing to an almost pure orange at the extreme edges of the petals; the base is tinged yellow; filaments blue at apex. Height 34 inches.

- Cherbourg. 2. \$2.35 per 12; \$16.00 per 100.
Undoubtedly one of the finest Breeder Tulips. A deep tone of golden yellow, with a suffusion of terra cotta, the deeper tone of yellow growing stronger toward the edges of the petals. The flower is of gigantic size. Height 32 inches.
- *Copernicus. 2. \$1.00 per 12; \$7.50 per 100.
Dark coppery bronze, flushed old rose, interior warm brown with yellow base. A splendid large flower. Height 27 inches.
- *Coridion. 2. \$2.10 per 12; \$13.50 per 100.
Clear yellow, overlaid with broad stripe of lilac through center of petals. A Tulip of rare form and beauty. Height 28 inches.
- *Creation. 1. \$2.20 per 12; \$14.50 per 100.
Without question one of the finest orange Breeders ever introduced. When in full bloom the flower becomes bright orange with a delicate shade of bronze. Height 24 inches.
- *Dillenburg. 2. \$2.15 per 12; \$14.00 per 100.
A new variety best described as a glorious salmon-orange. The blooms are of perfect shape and distinct color. Height 28 inches.

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- ***Dom Pedro.** 2. 95c per 12; \$6.75 per 100.
Coffee-brown and maroon, shaded with old gold. It is the outstanding Breeder Tulip in this color. Robust in habit and long lasting, the best of the bronze varieties. Height 21 inches. (Color illustration, page 9).
- ***Duke of Edinburgh.** 2. \$2.60 per 12; \$18.50 per 100.
Enormous, well shaped flowers on stiff stem; one of the giants of this family; beautiful deep violet with large, white base. Height 33 inches.
- ***Fairy (Panorama).** 2. \$1.00 per 12; \$7.25 per 100.
Remarkable for its splendid coppery orange color, its overlying bluish bloom, its amazing olive-green base, yellow pistil and dull violet anthers. Open or partly closed, the flower is magnificent, the effect in mass planting superb. Height 27 inches.
- ***Garibaldi.** 3. \$1.75 per 12; \$12.00 per 100.
Base and center of petals terra cotta with broad edge of golden bronze. Exquisite coloring; strong growth; one of the choicest. Height 31 inches.
- ***Godet Parfait.** 2. 95c per 12; \$7.00 per 100.
Its wondrous bloom and rich deep purple color touched with feathers of brownish black which are almost indistinguishable, make it exceedingly handsome. Height 29 inches.
- ***Golden West.** 2. \$2.25 per 12; \$15.00 per 100.
A tremendously large flower on a tall and stiff stem, dull golden buff, center greenish yellow. Height 32 inches.
- ***Heloise.** 3. \$1.20 per 12; \$9.00 per 100.
A beautiful combination of deep brown and old rose. Inside deep brown edged golden bronze, base yellow. Large flowers with reflexing petals. Height 28 inches.
- ***Indian Chief.** 3. \$2.25 per 12; \$15.00 per 100.
A flower of enormous size, carried on a very tall, stiff stem. Its beautiful color is of an Indian brown flushed coppery brown. Magnificent variety. Height 34 inches.
- ***Jaune d'Oeuf or Sunrise.** 95c per 12; \$7.00 per 100.
Deep lemon-chrome, with a slight flush of pale purple on the outer segments, large, pale green base; filaments greenish. Height 29 inches.
- ***Louis XIV.** 2. 95c per 12; \$6.75 per 100.
Rich dark purple, shaded steel-blue, heavily flushed bronze, edged golden brown; enormous size and stately bearing. Height 30 inches.
- ***Lucifer.** 3. \$1.05 per 12; \$7.75 per 100.
Bright terra-cotta-orange; enormous flowers; a variety of great brilliance. An exquisite flower for the border as well as for cutting. Height 24 inches.

- Marechal Victor.** 2. \$2.35 per 12; \$16.00 per 100.
Pale lavender-violet, with broad edge of buff shaded bronze; inside violet, faintly flushed mahogany with beautiful green base. Height 28 inches.
- ***Pink Pearl.** 2. \$1.20 per 12; \$9.00 per 100.
A wonderfully effective flower of fine form, lilac-pink with rosy bloom; interior rose, shaded creamy white. Height 26 inches.
- ***Prince Albert.** 2. \$1.10 per 12; \$8.00 per 100.
Glowing mahogany-brown, shaded dull bronze, green base. Splendid for the border. Height 30 inches.
- ***Prince of Orange.** 3. 95c per 12; \$7.00 per 100.
Large, very showy, well-formed flower of great substance; terra cotta, edged orange-yellow, base yellow streaked with olive, filaments olive. Height 26 inches.
- ***Rayon d'Or.** 1. \$2.30 per 12; \$15.50 per 100.
One of the gems among the new Breeder Tulips. The color is a bright golden bronze, edged bronzy yellow, with olive center. Large, well-formed flower of splendid substance, borne on strong, stiff stem. Height 26 inches.
- ***Reve d'Or.** \$2.30 per 12; \$15.50 per 100.
Very bright orange-yellow edged golden with small olive-green base. Large flower on strong stem. The finest Breeder for bedding. Becomes more beautiful as it ages. Height 27 inches. (Color illustration, page 10).
- ***Roi Soleil.** 3. \$1.10 per 12; \$8.50 per 100.
A wonderful combination of dark violet-blue and shades of bronze. Fine large, well-formed flower. Plant with yellow Pansies. Height 28 inches.
- ***Sundance.** 1. \$2.30 per 12; \$15.50 per 100.
A very beautiful orange, flushed bronze, edged light bronze. Large, well-formed flower of splendid substance, borne on strong, stiff stem. Height 25 inches.
- ***Velvet King.** 2. 95c per 12; \$7.00 per 100.
Immense flower on extra strong stem. Its robust growth makes it one of the most conspicuous; bright, dark royal purple. Height 31 inches.

***Choice Mixed Breeder Tulips.**

80c per 12; \$5.25 per 100.
Mixed bulbs, as a rule, do not appeal to the planter because of the difficulty in the blending of colors. Breeder Tulips, however, are in a class by themselves, and their colors do permit easy blending. They are in shades of bronze, golden bronze, violet, buff, maroon and terra cotta. We suggest a liberal planting for cut flowers.

New Giant Breeder Tulips

First Introduction of This Remarkable Strain.

These new giants all have magnificently colored flowers of a quality and substance heretofore not found in Tulips. The size of flower cannot be compared with other Tulips. Stems are strong and erect, flower petals substantial, pro-

longing the period of flowering by often more than a week. Lack of space prohibits adequate description, let that, however, not deter you from planting a few of these remarkable new Tulips.

- Augustus.** \$3.00 per 12; \$22.50 per 100.
Deep greyish red and flushed purple flower of tremendous size, white base. Strong growing variety with a tall and stiff stem. Height 30 inches.
- Blucher.** \$3.00 per 12; \$22.50 per 100.
Purplish red with greenish yellow base. Large and strong flower on a straight stem. Height 28 inches.
- Buddha.** \$3.00 per 12; \$22.50 per 100.
Greyish bronze, with purple flush, dark greenish base. Large and strong; of great beauty. Height 29 inches.
- Cordova.** \$3.00 per 12; \$22.50 per 100.
A beautiful lavender and flushed pink variety with sky-blue base. The flower is large and carried on a straight stem. Height 27 inches.
- Cornelia.** \$3.00 per 12; \$22.50 per 100.
Reddish bronze, interior deep bronze with greenish base. Large and strong; erect stem. Height 29 inches.
- Hercules.** \$3.00 per 12; \$22.50 per 100.
A glorious bronze and brownish flushed flower with

- lighter edges, interior is reddish brown, greenish yellow base. Large flower, strong stem. Height 33 inches.
- Jessey.** \$3.00 per 12; \$22.50 per 100.
Clear coffee-brown, rather deep; flushed bronzy red with yellow base. Very large and strong flower, tall erect stem. Height 36 inches.
- Mercurius.** \$3.00 per 12; \$22.50 per 100.
Dark brown flushed dark bronze, edged light bronze and with greenish base. The flower is extremely large and strong, the stem tall and stiff. Height 29 inches.
- Thomas Stephenson.** \$3.00 per 12; \$22.50 per 100.
Beautiful lavender, delicately flushed red with darker shadings inside towards the base which is clear blue. Enormous flower of fine substance that is carried on a straight strong stem. Height 33 inches.
- Unique.** \$3.00 per 12; \$22.50 per 100.
Bronzy red edged lighter bronze, interior also light bronze. Tremendous oval-shaped flower that is carried on a tall straight stem. Height 29 inches.

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Pres. Taft.
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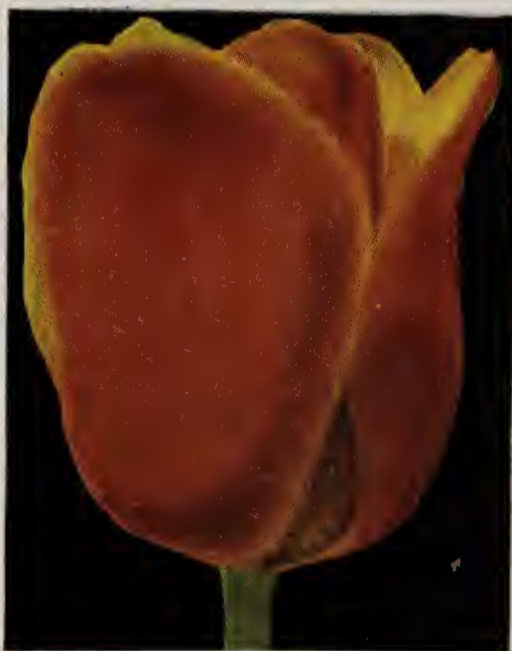
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Darwin Tulip,
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Breeder Tulip,
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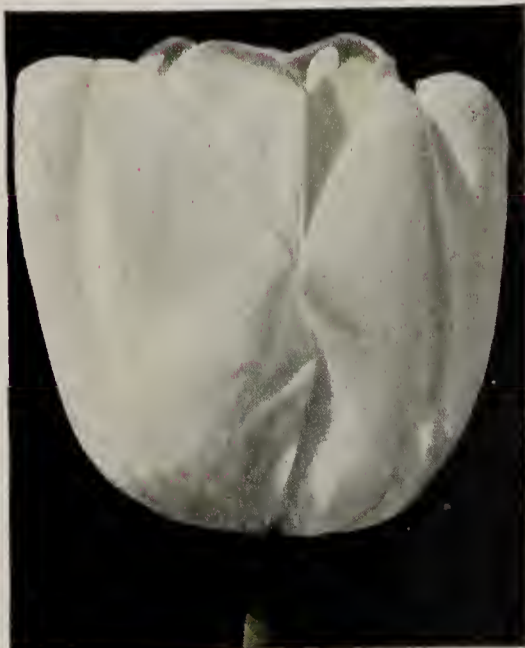
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Cottage and Hybrid Tulips

(May Flowering Tulips)

The Cottage Tulips come into bloom in early May. They are hardy and robust, with long, slender, but very stiff stems. The flowers are mostly long and oval, many of them with the petals gracefully reflexed. The Cottage Tulips as

a class are rich in the more delicate and artistic shades of pink, yellow, orange, and fawn with salmon, old rose and amber. They are best of all Tulips for cutting and should be planted outdoors. They will last for many years.

- Advance.** \$3.25 per 12; \$26.00 per 100.
A gorgeous new hybrid introducing into the Cottage strain the blood of Tulipa Greigi, the fieriest red of the botanicals. It produces giant, blazing red flowers on 24-inch stems.
- *Alaska.** \$1.00 per 12; \$7.50 per 100.
Clear bright yellow and elegant form. The petals reflex slightly and the charm of the slender bloom is unusual. Height 25 inches.
- *Ambrosia.** \$1.00 per 12; \$7.25 per 100.
A rich flower of pale terra cotta and amber, and a rosy glow throughout; of great size and slender form, held on a very long stem. For cutting or garden use it is superb. The fragrance of this Tulip is equal to that of the well known rose Columbia. Height 28 inches.
- *Arethusa.** \$1.10 per 12; \$8.00 per 100.
A large and freely opening cup of pure light chrome-yellow. This flower is most interesting and a great improvement over the old varieties. Height 25 inches.
- *Argo.** 95c per 12; \$7.00 per 100.
Deep golden yellow, slightly penciled toward the top edges with orange, which deepens as the flower ages. Height 26 inches.
- *Avis Kennicott.** 95c per 12; \$6.75 per 100.
Large, chrome-yellow flower with striking black base and anthers. Height 23 inches.
- *Bouton d'Or.** 85c per 12; \$6.00 per 100.
Deepest golden yellow with black anthers. Cup-shaped flower of medium size; if planted among blue flowers they will make a striking picture. Height 20 inches.
- *Buff Beauty.** \$1.55 per 12; \$11.00 per 100.
A very delicate Tulip, salmon-orange shaded buff, center is orange with yellow shading. A favorite in the garden and when forced late in March the salmon-orange bloom is in a class by itself. Height 20 inches.
- *Carrara.** \$1.35 per 12; \$10.00 per 100.
This Tulip has created a sensation at the English shows. It is round and pure white as the marble from which it has its name. A most delicate flower. Height 25 inches.
- Dido.** \$1.00 per 12; \$7.25 per 100.
A perfect flower, excellent in color and form, poised firmly at the top of its straight stem. Color is deep rich pink with yellow stripes. It is an unusual and magnificent Tulip. Very fragrant. Height 30 inches.
- *Ellen Willmott.** 90c per 12; \$6.50 per 100.
One of the finest May flowering Tulips. Flowers large, beautifully shaped, soft creamy yellow, deliciously fragrant. Height 30 inches.
- *Fairy Queen.** 85c per 12; \$6.25 per 100.
Effective association of lilac and amber. Large flower; one of the loveliest Cottage Tulips. Height 20 inches.
- *Flava.** \$1.35 per 12; \$10.00 per 100.
A late flowering canary-yellow of satiny texture. Leaves silvery green. Lovely planted against Persian Lilacs. The blossoms, which are of unusual form, last 2 weeks after other border varieties are past. Height 25 inches.
- *Gesneriana Lutea.** 85c per 12; \$6.25 per 100.
Warm yellow flower. Fine for herbaceous borders among creamy Intermediate Iris. Height 24 inches.
- *Gesneriana Spathulata.** \$1.00 per 12; \$7.50 per 100.
Rich ruby-crimson flower with a blue base, and long, slender segments. Splendid against evergreens. Height 24 inches.

- *Grenadier.** 95c per 12; \$7.00 per 100.
Dazzling brilliant orange, yellow base. Especially recommended for planting in borders in clumps for "high spots" in the color scheme. Height 21 inches.
- Honeymoon.** \$1.15 per 12; \$8.75 per 100.
This new Hybrid Tulip, which is a soft primrose, much on the order of Moonlight, is a splendid variety in every way and a welcome addition to the pale yellow sorts. Height 28 inches.
- *Inglescombe Pink.** 85c per 12; \$6.00 per 100.
Salmon-pink, blue base; very brilliant. A great favorite in England where it is planted by the thousands, and is largely used as a cut flower. Exquisite with some light green foliage on a dinner table. Its delightful color indoors makes it one of the best. Height 28 inches.
- *Inglescombe Yellow.** 80c per 12; \$5.75 per 100.
Glossy canary-yellow. Large, globular flowers. Has the true shape of the Darwin Tulip, hence is often called the "Yellow Darwin." Height 28 inches.
- *Isolde.** \$1.45 per 12; \$10.50 per 100.
Light yellow, long pointed flowers. An improvement over Ellen Willmott. The lily-like blooms are carried on a substantially stiff stem 22 inches high.
- *Jeanne Desor.** \$2.20 per 12; \$14.50 per 100.
A rather striking color-combination—a deep orange-yellow with a broad border of scarlet toward the edge of the petals. The long, well-formed flower is of splendid substance, and borne on a strong, stiff stem. Height 28 inches. (Color illustration, page 10).
- *John Ruskin.** 90c per 12; \$6.50 per 100.
Salmon-rose, edged lemon-yellow; inside deep rosy lilac, with margin of yellow; large flower of fine shape. Height 16 inches. (Color illustration, page 5).
- Lohengrin. 3.** \$2.30 per 12; \$15.50 per 100.
Bright rosy red with pure white center, very large, oval-shaped flower, tall and strong stem. Certainly one of the loveliest flowers lately introduced.
- Marjorie Bowen.** \$2.15 per 12; \$14.00 per 100.
A very unusual shade—a combination of buff and salmon which passes to deep rose-pink with salmon shading. The large, well-formed flower is borne on a fine, strong stem. Height 24 inches.
- Mayflower.** \$3.10 per 12; \$25.00 per 100.
Considered the largest Tulip in existence. It is a beautiful fiery scarlet with glittering black center, reminding one of the brilliance of the Oriental Poppy, and is a result of a cross between Gesneriana Spathulata and the botanical Tulip, Greigi. One of the latest of the May flowering Tulips to bloom. Height 30 inches.
- *Moonlight.** 95c per 12; \$6.75 per 100.
Pale yellow of a lovely color; the flower is very long and of fine oval shape. Beautiful in the border among Irises or Bleeding Heart. Height 25 inches.
- Mrs. Kerrell.** \$1.05 per 12; \$7.75 per 100.
Opening salmon-rose, with age becoming rose, edged soft salmon, with blue and white base; pointed flower of open form. One of the most distinct colors among the Cottage Tulips. Height 18 inches.
- *Mrs. Moon.** 95c per 12; \$6.75 per 100.
Tall yellow, vase-shaped flower, on sturdy stems. One of the loveliest yellow Cottage Tulips. Height 25 inches.
- *Orange King.** 90c per 12; \$6.50 per 100.
Glistening deep orange, shaded rose, inside deep orange-scarlet with yellow base; sweet scented flower of great size and brilliant coloring. Height 23 inches.

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- *Picotee or Maiden's Blush.** 85c per 12; \$6.25 per 100.
Long, clear white. The petals, which are pointed and elegantly reflexed, are beautifully margined and penciled on edges with bright pink. Height 26 inches.
- *Scarlet Emperor.** \$1.85 per 12; \$12.50 per 100.
Brilliant glowing dark scarlet, center clear yellow and black anthers; a long, large flower that does well in shady places. Height 24 inches.
- Queen of Spain.** \$3.00 per 12; \$21.50 per 100.
A lovely cream-colored flower flushed with pink. It is of excellent substance and carried on a stiff wiry stem. Height 25 inches.
- Refulgence.** \$6.00 per 12; \$48.00 per 100.
A Hybrid Cottage of compelling appearance. The 30-inch wiry stem is topped by a very large substantial flower of fine lasting qualities. The color is pleasing and unusual, a subdued orange with rich reddish tone.
- Solange.** \$2.75 per 12; \$19.50 per 100.
General effect is a delightful citron yellow. The inside of the cup is tinted orange while the outside shows a soft yellow. A very fine Tulip for the garden.
- Viridiflora.** \$1.90 per 12; \$12.75 per 100.
Pale green, edged creamy yellow. The green Tulip. Height 20 inches.
- *Zomerschoon.** \$4.10 per 12; \$33.50 per 100.
Salmon-rose, flaked creamy white. The most beautiful Tulip in existence. Height 22 inches.

***Mixture of Cottage Tulips.** 80c per 12; \$5.25 per 100.
This mixture contains many lovely varieties and will give you an abundance of cut blooms at very low cost. Only the best kinds, properly blended, are used in this mixture.

Parrot Tulips

The artistic form and colorings make them especially suitable for cut flower purposes. In the garden, if planted in borders or groups, they are not always satisfactory as they lack the vigorous, straight stems of the other Tulips with the exception of the new varieties which have straight and tall stems as the Darwin Tulips. They are extremely effective planted in long drifts in front of evergreens.

Standard Varieties

- *Admiral de Constantinople.** 90c per 12; \$6.50 per 100.
Deep scarlet, streaked with yellow.
- *Cramoisi Brilliant.** 95c per 12; \$7.00 per 100.
Rich blood-crimson with blackish markings; very large.
- *Lutea Major.** 90c per 12; \$6.50 per 100.
Yellow, lightly suffused scarlet; very large.
- *Perfection.** 90c per 12; \$6.50 per 100.
Golden yellow, blotched deep scarlet.
- *Mixed Parrot Tulips.** 85c per 12; \$6.00 per 100.
Mixture is made from the above 4 varieties.

New and Rare Varieties

- *Eleanora.** \$3.50 per 12; \$28.50 per 100.
A purplish violet Parrot Tulip of great substance, extremely large flower with heavy petals. Free-flowering, strong and stiff stem; very fine.
- *Fantasy.** \$1.85 per 12; \$12.50 per 100.
The loveliest Tulip grown. The color is the same as the Darwin Clara Butt, with the same habits as to height, strength of stem, and time of flowering. The flowers are quaint and of beautiful form, the petals being lacinated, having curious excrescences on the outside. (Color illustration, page 15).
- *Gadelan.** \$2.00 each; \$23.00 per 12.
Violet and mauve, with purple shadings, center white. Violet form of Parrot Tulip, Sensation. A very lovely variety, the sensation at every flower show. Height 22 inches. (Color illustration, page 15).
- Gemma.** \$1.35 per 12; \$10.00 per 100.
White flushed apple-blossom-pink. A very good new Parrot Tulip much loved as a cut flower.

Tulipa Grullemanni

A New Strain.

The result of crossing Kaufmanniana with the Darwin. The flowers are long and large, carried on stout stems holding the blossom boldly upright. All are about 27 inches in height and of remarkably robust habit, resisting disease or all other sorts of ailments. Their coloring is unique and most attractive, Inga Hume being greatly admired at London, Paris and Berlin flower shows.

Easily forced and grown indoors and tremendously long lasting; both indoors as well as out. In the garden they will outlast any Tulip in existence. The bulbs multiply rapidly. May we suggest you plant a few this fall. Order now as most will not be carried in stock this summer.

- Barnaby Rudge.** \$2.80 per 12; \$20.50 per 100.
Inside butter-yellow faintly feathered red, outside pale yellow with broad red spray on center of outer petals, beautiful large black base, well-formed, strong flower on tall, erect stem. Height 27 inches.
- Grisilde.** \$2.40 per 12; \$16.50 per 100.
Inside creamy white turning primrose-yellow towards center. Outside white with a faint red spray on center of outer petals. Large greenish black base, beautiful oblong-shaped flower of great substance on tall, erect stem. Exhibited several times at the New York Flower Show where it drew unusual attention. It will easily last 2 weeks after being forced. Height 26 inches.
- *Inga Hume.** \$2.40 per 12; \$16.50 per 100.
Inside deep yellow slightly sprayed red, outside red with broad, sharply lined yellow edge, large black base, perfect formed large flower on erect stem, very fine variety. Highly recommended for forcing, it will outlast any other Tulip and becomes more beautiful as the flower ages. Height 24 inches.
- *Mimosa.** \$2.40 per 12; \$16.50 per 100.
Inside primrose-yellow, outside blush white with a faint red shade on the outer petals, beautiful black base with broad, yellow edge, enormous perfect flower of oblong shape, tall erect stem. Height 28 inches.

Lily-Flowering Tulips

This type of Tulip is now immensely popular in American gardens, the lily-like forms of the flowers being a most pleasant change from the regular Tulip shape. They bloom the same time as the Darwins and are delightful when seen in front of shrubs; few flowers equal them in grace and beauty when cut in bowls or vases on the table.

- Fascinating.** \$2.60 per 12; \$18.50 per 100.
Exterior bright sulphur-yellow, interior dark lemon-yellow, large reflexing petals of perfect shape, tall straight stem. Height 26 inches.
- Marcellina.** \$2.20 per 12; \$14.50 per 100.
Glorious rosy red with pure white center, reflexing petals, a very graceful novelty.
- Martha.** \$2.20 per 12; \$14.50 per 100.
A delicate cerise with white center, reflexing petals.
- Primrose Delight.** \$2.50 per 12; \$17.50 per 100.
A sulphur-yellow flower with dark lemon-yellow interior, large and beautifully formed reflexing flower which is carried on tall, strong stem. Height 25 inches.
- *Sirene.** 85c per 12; \$6.25 per 100.
Rich rose-pink with pale pink at the margins of segments, white base. Great exhibition flower of exquisite beauty and exceptionally fine in the garden.
- White Cross.** \$2.45 per 12; \$17.00 per 100.
A strikingly beautiful Tulip, large pure white flowers of which the inner petals stand erect, outer petals are recurved.
- Yankee Girl.** \$2.60 per 12; \$18.50 per 100.
A glorious Tulip of a salmon-buff color. The flower petals are strongly reflexed and curled in a half circle. The only Lily-Flowered Tulip of this shape. Standing up straight, petals are very thick and it has better lasting qualities than any other. Height 24 inches.

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





Chinese Lantern Tulips

First Introduction.

For the time being we will offer these gorgeous new hybrids under a separate heading. Should we have offered them for sale in the alphabetical list of Tulips they would be difficult to describe or might be overlooked.

Imagine a handful of Tulips with the delicate pure pastel shades of our finest Sweet Peas and you have but a fair description of their colors. The general effect, however, is that of lighted, delicately colored Chinese Lanterns.

The perfectly formed globular blossoms glow with an iridescent light not heretofore seen in Tulips. The colors are too exquisite to accurately describe. They have been admired by visiting growers from all over Europe.

The introduction of these lovely hybrids has been given to Wayside Gardens. We are offering them to you under number in a collection and will be grateful for the suggestion of appropriate names. The colors are all in those elusive tints of salmon, orange and salmon-pink.

Chinese Lantern Tulips, 3 bulbs of each of 6 distinct varieties, 18 bulbs in all for \$4.50. (Stock limited and offered for as long as unsold).

Bizarre and Bybloem Tulips

(Old Dutch Tulips)

Bybloem and Bizarre Tulips are "rectified" Breeder types. The Tulips are of an old race which has been grown in Holland and in France since the beginning of the seventeenth century, and which caused the famous Tulip craze in 1635. The Bybloems are queerly striped and feathered rose or violet on a white ground. The Bizarres have dark brown stripes and feathering on a yellow ground. They flower about the same time as the Breeder and Darwin Tulips but do not grow quite so tall, and are seen at best advantage when planted in clumps in the herbaceous border or among evergreens and shrubs. They are above all sensational show Tulips. All form rare artistic beauty.

Bizarres

- Black Boy.** \$1.35 per 12; \$10.00 per 100.
Fine, medium-sized flower, with dark brown penciling on golden yellow ground. Height 21 inches.
- Bonaparte.** \$2.10 per 12; \$13.50 per 100.
Light bronze, flamed yellow and mahogany. Height 21 inches.
- Gellert.** \$2.20 per 12; \$14.50 per 100.
Large, well-formed golden yellow flowers, flushed and flecked a deep mahogany; very beautiful. Height 23 inches.

Bybloemen

- Admiral Van Kingsbergen.** \$2.25 per 12; \$15.00 per 100.
A large, beautiful flower on strong stem; pure white penciling on a bright crimson field. Height 23 inches.
- Bacchus.** \$2.20 per 12; \$14.50 per 100.
Extremely beautiful flower; violet-blue ground, with white flames. Height 32 inches.
- Insulinde.** \$1.95 per 12; \$13.00 per 100.
Most attractive flower, showing a violet ground with yellow and bronze markings. Height 21 inches.
- *Bizarre and Bybloem Tulips Mixed.** \$1.10 per 12; \$8.00 per 100.
In fine mixed varieties, selected by us.

Double Early Tulips

Double Tulips are chiefly grown for their showy effects in masses, and are very lasting. Where a display of color is desired they are very satisfactory. Excellent for growing in pots or pans but should not be forced into bloom very early.

The following list contains many of the best novelties, as well as all worth-while standard sorts.

- Annie.** C 12. \$1.10 per 12; \$8.00 per 100.
Peach-pink, compact flower, there is no double pink for forcing or bedding which equals this delightful variety. Highly recommended for early forcing.
- Bleu Celeste.** D 16. \$1.70 per 12; \$11.75 per 100.
Large, violet-purple Tulip, flowering later than other double sorts. It is very fine for the garden. Height 16 inches.
- *Couronne d'Or.** B 10. 95c per 12; \$7.00 per 100.
Large, bold flower of rich golden yellow, shaded copper. Excellent for bedding and winter forcing.
- *El Toreador.** B 12. \$1.00 per 12; \$7.50 per 100.
Bright orange-scarlet, with broad margin of buff-yellow. Excellent for pots or bedding.
- *Electra.** B 13. 85c per 12; \$6.00 per 100.
Beautiful deep rose flowers of enormous size, feathered violet. Excellent for exhibition. Height 12 inches.
- *Imperator Rubrorum.** B 10. 95c per 12; \$7.00 per 100.
Excellent scarlet for bedding and forcing. Still remains among the best of the older varieties.
- Marechal Niel.** \$1.55 per 12; \$11.00 per 100.
A bright orange-yellow Tulip of great beauty and substance; its color resembles that of the famous Marechal Niel Rose. The best in this color for forcing.
- *Mr. Van der Hoef.** A 12. 95c per 12; \$6.75 per 100.
A yellow sport of Murillo with all its superb qualities. One of the very finest of the primrose-yellow, double Tulips. A very lovely flower.
- Mr. Van Tubergen.** B 16. \$1.00 per 12; \$7.50 per 100.
Beautiful golden yellow. Another good sport of that excellent variety, Couronne d'Or and larger than the former; it is a decided acquisition.
- *Murillo.** C 12. 85c per 12; \$6.00 per 100.
Delicate rose-pink, flushed white. Fine for bedding, and excellent for forcing.
- Mystery of India.** B 12. 95c per 12; \$7.00 per 100.
Terra cotta and orange, slightly shaded old rose; large, well-formed flower on a strong stem.
- Orange Nassau.** B 12. \$1.00 per 12; \$7.50 per 100.
A rather unusual color in Double Tulips—orange-red. A sport from that popular variety, Murillo. Very effective for planting in beds or borders.
- Peach Blossom.** B 12. \$1.00 per 12; \$7.25 per 100.
Bright rose-pink, flushed white, deepening with age to carmine-rose; large. Excellent for pots.
- *Safrano (Tea Rose).** C 12. 85c per 12; \$6.25 per 100.
Of a pleasing saffron-yellow as the old tea Rose.
- *Schoonoord.** B 12. \$1.25 per 12; \$9.25 per 100.
A beautiful, pure white sport of Murillo, with the same excellent forcing qualities. One of the best double white varieties, if not the best.
- Triumphator.** \$1.10 per 12; \$8.00 per 100.
A lovely rose-pink, one of the finest for bedding and very beautiful when grown under glass. Height 12 inches.
- *Vuurbaak.** B 12. 85c per 12; \$6.00 per 100.
Brilliant scarlet, when fully open the flower gets an orange hue. One of the best scarlets for bedding.
- *Mixed Double Tulips.** 80c per 12; \$5.75 per 100.
This is our own special mixture which we recommend where the best results are desired in beds of mixed colors. Made up of the best named sorts and in equal proportions of each variety.

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges.





Single Early Tulips

Few, if any, of the spring-blooming flowers rival the Single Early Tulips for brilliancy of bloom or ease of culture. They are excellent subjects for formal beds on the lawn or for garden borders. While they do not possess the same size of bloom and length of stem as the May-flowering Darwin, Breeder and Cottage varieties, they are used where earlier blooms are desired. Many of the varieties may be forced in bloom in January, while all of them may be easily had in flower in pots late in February or early March.

Note: The letters A, B, and C, following the varieties indicate their relative earliness of bloom, but, with few exceptions, most of the varieties bloom outdoors about the same time when planted in masses. The figures indicate the height in inches.

The following list contains the best novelties extant, as well as a complete list of the best standard varieties. We have discarded all old inferior varieties.

- Brilliant Star.** A 12. 95c per 12; \$7.00 per 100.
Bright vermilion-scarlet, same color as Vermilion Brilliant, but larger and of great substance. Splendid early forcer, flowering easily for Christmas.
- *Cramoisi Brilliant.** A 14. 80c per 12; \$5.50 per 100.
Brilliant scarlet. A splendid bedder and forcer. Very handsome.
- *Couleur Cardinal.** C 12. 85c per 12; \$6.25 per 100.
Bright crimson-scarlet, with a deeper tone or bloom on the outer petals. A bed planted wholly of this variety is a grand sight. Fine for midseason forcing.
- *De Wet.** B 16. 85c per 12; \$6.25 per 100.
Golden yellow, flushed deep orange; large, sweet scented flower of erect habit. Quite different in color from any other variety.
- *Flamingo.** B 12. 80c per 12; \$5.75 per 100.
Carmine-rose, shaded lighter. The petals are striped white and very crinkled, giving the flower a decidedly artistic appearance. A very popular variety among florists for forcing on account of its odd color and habit.
- *Fred Moore.** B 12. 80c per 12; \$5.75 per 100.
An improved form of Thomas Moore. Deep, ruddy apricot, shading at the edges of the petals to dull orange-yellow; center marked olive-green; medium sized flower; sweet scented. A lovely color when forced.
- Golden Brilliant.** A 14. 95c per 12; \$7.00 per 100.
Deep golden yellow, egg shaped, very substantial flowers carried on tall stems, which makes them excellent for forcing. One of the earliest yellows which should be much more used for early forcing.
- *Keizerskroon.** A 15. 95c per 12; \$6.75 per 100.
Bright crimson-scarlet, edged clear, rich yellow; excellent, large flower on long stem. Fine bedder; splendid for forcing.
- Lady Boreel.** B 13. 95c per 12; \$7.00 per 100.
Large, long, snowy white flower of splendid shape. The finest white for bedding, and superb for pots or pans. Cannot be forced as early as White Beauty.
- *Le Reve (Hobbema).** C 14. 95c per 12; \$7.00 per 100.
This variety is excellent for late bedding. The color is old rose, flushed buff; very large, globular flower with rounded petals and carried on a strong stem.
- Max Havelaar.** B 14. 90c per 12; \$6.50 per 100.
Very close in color to watermelon-red; rather large, well-formed flowers.
- *Mon Tresor.** A 12. \$1.05 per 12; \$7.75 per 100.
Large, pure golden yellow flowers. Mostly used for growing in pots or pans, for which purpose it is best.

- *Moonbeam.** B 14. \$1.30 per 12; \$9.50 per 100.
Deep primrose-yellow, shading to soft canary at the edges; very large flower of graceful form. An improved form of Primrose Queen.
- *Pink Beauty.** C 12. 95c per 12; \$7.00 per 100.
Bright cherry-rose, center of petals striped white. It has no equal as a bedder, for the stem is strong and the white center of the big, fleshy petals shows up very conspicuously against the broad, vivid rose edges. Does well in pans, but not before March.
- *President Lincoln.** B 12. \$1.10 per 12; \$8.00 per 100.
Large flower of clear magenta-violet, slightly paler in tone when grown indoors. A variety that looks well when bedded out with a pale yellow variety.
- *Prince of Austria.** B 14. 80c per 12; \$5.75 per 100.
Brilliant orange-scarlet, with a clear yellow base. The flower is large and of a very attractive shade when forced. A splendid bedding variety as well.
- Proserpine.** A 14. 90c per 12; \$6.50 per 100.
Rosy carmine, with a white center marked slate-blue; very large globular flower. One of the easiest and earliest forcing Tulips; very sweet scented.
- *Rising Sun.** B 15. 85c per 12; \$6.25 per 100.
A variety used for exhibition on account of its pure yellow color and wonderful size and substance. The finest golden yellow Early Tulip introduced to date.
- *Rose Luisante.** C 10. 85c per 12; \$6.25 per 100.
Large, brilliant, deep rose-pink flower. Splendid for bedding or pots.
- Van Der Neer.** B 12. 85c per 12; \$5.75 per 100.
Dark purple flower of a most brilliant tone and splendid shape.
- *Vermilion Brilliant.** A 12. 85c per 12; \$6.00 per 100.
Bright, glistening scarlet, with a yellow base; very large flower of perfect shape. Splendid for early forcing.
- White Beauty.** C 13. 95c per 12; \$7.00 per 100.
A very lovely sport from Pink Beauty, with large, white flowers of beautiful, globular form and great substance. Splendid for forcing and excellent for outside bedding when used with Pink Beauty.
- *White Swan.** C 14. 90c per 12; \$6.50 per 100.
A lovely, graceful early Tulip for the garden. Large, oval, pure white flower on long, curving stem. Goes very well with purple Pansies or under Wisteria.
- *Superb Single Mixed.** 80c per 12; \$5.50 per 100.
This is our own special mixture which we recommend where the best results are desired in beds of mixed colors. This mixture is made up of hundreds of named sorts and in equal proportion of each variety.

Rembrandt Tulips

Rembrandt Tulips are nothing more or less than Darwin Tulips in which white, lavender, red or other colored stripes or flakes have appeared. The blending of colors is at all times in perfect harmony and most attractive and colorful. They are especially fine when used for cut flowers. They bloom at the same time as the Darwins and require the same care. We advise their use in a mixture only.

- *Finest Mixed Rembrandt Tulips.**
\$1.15 per 12; \$8.75 per 100.

Triumph and Mendel Tulips

Much has been said about these two types. So far nothing really worth while at a reasonable price is available and after consulting with our growers we have decided not to offer any. We do, however, unreservedly recommend the "Ideal Darwin Tulips" to those seeking to improve their Tulip collections.





Parrot Tulip
Fantasy.
Page 12.



Parrot Tulip,
Gadelan.
Page 12.



Unnamed varieties of Darwin, Breeder, Lily-flowered and Cottage Tulips blended in lovely colors;
with long stems for cutting. See page 18 for price.



Tulipa Persica.



Tulipa Eichleri.



Tulipa Marjoletti.



Tulipa Chrysantha.



Tulipa Greigi.



Tulipa Kaufmanniana.



Tulipa Clusiana.



Tulipa Praestans.



Tulipa Linifolia.



Botanical Tulips and Species

Tulip species, coming as they do from southern Europe and Asia, should all be planted in dry sun-baked locations. No water should reach the bulbs during the summer.

The following collection of Tulip Species or Botanical Tulips includes a great number of beautiful and interesting varieties, which show a bewildering variation in size and shape of flowers, structure of the leaves, habits, etc., and

they only have in common that they grow wild in some part of the world, Asia Minor, Central Asia, Greece, the Mediterranean, etc. Cultivation has not modified them and they may be planted in the rock garden between creeping plants or in colonies in small, warm nooks, a situation where the larger flowered Garden Tulips would be out of place. (Varieties offered by the dozen we will gladly supply in quantity of three).

- Acuminata (Cornuta Stenopetale).** \$2.40 per 12; \$16.50 per 100.
The long, very narrow tapering petals end almost in a thread-like point. One of the most unusual and distinct species. The long flower is yellow streaked with orange-red. Height 15 inches.
- *Australis (Celsiana).** \$1.45 per 12; \$10.50 per 100.
A small nodding yellow flower, flushed red on the outside of the petals. Height 10 inches.
- Batalini.** Each, 60c.
An exquisite, soft yellow, dwarf growing species. The yellow counterpart to *T. linifolia*. Height 7 inches.
- Biflora.** \$2.75 per 12; \$20.00 per 100.
Miniature Tulip, white starry flowers with yellow center, three or more on one stem. Height 6 inches.
- *Chrysantha.** \$1.20 per 12; \$9.00 per 100.
Small flower on slender stem, yellow exterior of petals often flushed with copper-red, very charming. Height 6 inches. (Color illustration, page 16).
- *Clusiana.** 95c per 12; \$7.00 per 100.
A charming species, known as the Lady Tulip. Small flower on 14-inch stem, white, exterior crimson, dark blue base. (Color illustration, page 16).
- Dasystemon.** \$3.00 per 12; \$22.00 per 100.
A dwarf growing species, white flowers with bright yellow eye. Usually blooms with 3 to 5 flowers on a stalk. Height 6 inches.
- *Eichleri.** \$1.05 per 12; \$7.75 per 100.
Splendid, large crimson-scarlet flowers, yellow and black center, effective in the flower border or rock garden. Height 12 inches. (Color illustration, page 16).
- Fosteriana.** \$3.00 per 12; \$22.00 per 100.
Vermilion-scarlet, center yellow or black, extra large flowers. The most magnificent of all Tulip species. Height 16 inches.
- Fosteriana, Defiance.** Each, 60c.
Vermilion-scarlet, rounded petals, handsome clear yellow base. Height 14 inches.
- Fosteriana, Red Emperor.** Each, \$1.00.
Magnificent variety, large rounded vermilion-scarlet petals; handsome black, yellow bordered base. Height 18 inches.
- *Greigi.** \$3.10 per 12; \$24.00 per 100.
One of the most beautiful of the wild Tulips, distinguished by the leaves, which are mottled with brown purplish dots. The flowers are of large size, vivid orange-scarlet with black center. A splendid rock garden Tulip. Height 9 inches. (Color illustration, page 16).
- *Hageri.** \$1.50 per 12; \$10.75 per 100.
Small flowers, coppery red with dark base, very distinct, inside a dusky copper. Height 6 inches.
- *Kaufmanniana.** \$1.35 per 12; \$10.00 per 100.
White and yellow, pink outside, called the Waterlily Tulip, as the expanded flowers resemble a *Nymphaea*. The earliest to flower of all Tulips, large flowers. Height 8 inches. (Color illustration, page 16).
- Kaufmanniana, Anton Bruckner.** Each, 60c.
Opening creamy yellow with golden center, exterior deep red, flowering off sulphur-yellow. Height 10 inches.
- Kaufmanniana, Brilliant.** \$3.10 per 12; \$25.50 per 100.
Brilliant Turkish red. Height 8 inches.

- Kaufmanniana, Gaiety.** \$3.10 per 12; \$25.50 per 100.
The pure white flowers which have a very short stem, seem to rest on the leaves. Height 6 inches.
- Kaufmanniana, Primrose.** \$2.80 per 12; \$20.50 per 100.
Soft primrose-yellow with dark yellow center. Height 8 inches.
- Kolpykowskyana.** \$2.80 per 12; \$20.50 per 100.
Yellow, outside scarlet striped. A beautiful species, carrying its flowers on slender stems. Height 14 inches.
- Lanata.** Each, 40c.
A tall growing species of the oculus-solis group. Large, brilliant red flower with black and yellow center, very distinct and beautiful. Height 20 inches.
- *Linifolia.** \$2.80 per 12; \$20.50 per 100.
Charming for the rock garden. Narrow undulated leaves, small brilliant scarlet-vermilion flowers with black base. Height 8 in. (Color illustration, page 16).
- *Marjoletti.** \$1.35 per 12; \$10.00 per 100.
Very pale yellow, exterior edge of petals rosy red, very charming in the rockery. Height 16 inches. (Color illustration, page 16).
- *Mauriana.** \$1.55 per 12; \$11.00 per 100.
A brilliant scarlet flower with golden center. Blooms early in April. Height 20 inches.
- Oculus-Solis.** \$1.35 per 12; \$10.00 per 100.
Crimson with black and yellow center. April flowering. Its natural habitat is southern Europe. Unusual form, about 18 inches high.
- *Persica (Breyniana).** \$3.10 per 12; \$24.50 per 100.
Yellow, outside bronze, dwarf and late. Two or three flowers on one stem. Height 8 inches. (Color illustration, page 16).
- Polychroma.** Each, 35c.
White, yellow center, a beautiful small growing Persian species. The bulb is woolly coated.
- Praecox.** \$2.30 per 12; \$15.50 per 100.
Crimson-scarlet, black and yellow basal blotches. A very tall, early flowering Tulip that requires a warm, well protected situation. Height 18 inches.
- *Praestans.** \$2.30 per 12; \$15.50 per 100.
A fine tall growing species, several scarlet flowers to each stem. Height 10 in. (Color illustration, page 16).
- Praestans, Tubergen's Var.** \$2.35 per 12; \$16.00 per 100.
Somewhat dwarfer and earlier, flowers scarlet-orange, often two on each stem. Height 12 inches.
- Praestans, Zwanenburg Var.** \$2.60 per 12; \$18.50 per 100.
Bright vermilion-red, extra free. Height 18 inches.
- Saxatilis.** Each, 50c.
Very rare, bearing often two lilac flowers with yellow center on each stem. Should be planted in warm position as the leaves appear early. Height 14 inches.
- *Sprengeri.** \$4.00 per 12; \$32.00 per 100.
The latest of all Tulips. Very distinct, uniform scarlet with yellow anthers; late. Height 10 inches.
- Stellata.** \$3.75 per 12; \$30.50 per 100.
White, exterior crimson, much like *T. Clusiana*, but with yellow base. A rare and beautiful Himalayan species. Height 14 inches.
- *Sylvestris (Florentina Odorata).** \$1.10 per 12; \$8.00 per 100.
Small flowers golden yellow, usually in pairs and nodding, fragrant, recommended for wild gardening. Height 16 inches.

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Botanical Tulips—Continued.

- Sylvestris, Var. Tabris.** \$2.55 per 12; \$18.00 per 100.
A free-flowering broad-petalled form introduced by us from Persia, the flowers are lemon-yellow colored. Height 16 inches.
- Tubergeniana.** Each, 50c.
Scarlet with black center, gigantic. Height 10 inches.
- Turkestanica.** \$2.50 per 12; \$17.50 per 100.
Miniature Tulip, many flowered, white, yellow center. A lovely rock garden subject. Height 10 inches.
- Violacea.** Each, 40c.
Clear violet with yellow base, rare Persian Tulip. Height 6 inches.
- Violacea Humilis.** Each, 35c.
A dwarf growing species with lilac flowers and yellow center. Height 8 inches.
- Violacea Pallida.** Each, 30c.
Fine new introduction from Persia, small rounded white flowers, faintly blush tinged, conspicuous dark blue base, quite distinct. Height 6 inches.
- Violacea Rosea.** \$2.90 per 12; \$22.00 per 100.
Soft pink, clear blue base, very pretty. Height 6 inches.
- Wilsoniana.** \$2.80 per 12; \$20.50 per 100.
One of our recent introductions from Trans-Caspia. The whole plant does not exceed 8 inches. The flowers are deep vermilion-red with small blue base.

Bunch-Flowered Tulips

- A new type producing as many as 3 to 5 flowers on a single stem; very unusual.
- Dragoon.** \$2.80 per 12; \$20.50 per 100.
The color of this lovely novelty is of the richest garnet-purple. Four to six flowers are produced on one stem. A very unusual sight in the garden.
- *Monsieur Mottet.** 85c per 12; \$6.25 per 100.
The color of this Tulip is ivory-white, and instead of producing 1 flower on a stem as other Tulips do, it carries from 4 to 6 blossoms which are in bloom all at the same time, on a stem about 18 inches tall. The result is a unique cut flower and also an excellent garden variety.
- Madame Mottet.** \$1.20 per 12; \$9.00 per 100.
Similar to Mons. Mottet, color is a purplish rose; flowers are slightly stronger and as many to the stem. Height 24 inches.
- Rainbow.** \$3.25 per 12; \$26.50 per 100.
At opening the blooms are white with a delicate pink edge which turns to a rich red, completely tinting the entire blossom. Three to seven flowers on one stem.
- Wallflower.** \$3.50 per 12; \$28.50 per 100.
As many as from four to eight glittering Wallflower brown flowers with golden yellow centers are produced on one stem. Most attractive garden variety.

Two Collections of Tulipa Species

For Dry, Sun-Baked Locations in the Rock Garden.

Here are two very interesting and distinct collections of Tulipa species which may be planted in the rockery or in the border. They should be kept away from other Tulips

which grow taller and produce larger flowers.

Darwin, Cottage and Breeder Tulips do not belong in the rockery, Tulipa species should be used there only.

COLLECTIONS No. 100, 101 and 102.

Consisting of the following distinct varieties:

- | | | |
|---------------------|-------------------|-----------------|
| Australis | Sylvestris | Clusiana |
| Kaufmanniana | | Eichleri |

Tulipa Collection No. 100—for \$2.20

25 Tulipa bulbs in the above 5 varieties—5 bulbs of each kind—carefully labeled and packed separately.

Tulipa Collection No. 101—for \$4.35

50 Tulipa bulbs in the above 5 varieties—10 bulbs of each kind—carefully labeled and packed separately.

Tulipa Collection No. 102—for \$8.50

100 Tulipa bulbs in the above 5 varieties—20 bulbs of each kind—carefully labeled and packed separately.

COLLECTIONS No. 103, 104 and 105.

Consisting of the following distinct varieties:

- | | | |
|------------------|-------------------|-----------------|
| Praestans | Marjoletti | Maureana |
| Hageri | | Greigi |

Tulipa Collection No. 103—for \$3.55

25 Tulipa bulbs in the above 5 varieties—5 bulbs of each kind—carefully labeled and packed separately.

Tulipa Collection No. 104—for \$7.00

50 Tulipa bulbs in the above 5 varieties—10 bulbs of each kind—carefully labeled and packed separately.

Tulipa Collection No. 105—for \$13.50

100 Tulipa bulbs in the above 5 varieties—20 bulbs of each kind—carefully labeled and packed separately.

Unnamed Tulips for Cutting

A Selection of Varieties With Long Stems. Illustrated on Page 15.

So that you may be able to have plenty of Tulip flowers to cut from your own garden, we have arranged with our grower in Holland a selection of large-flowering Tulips with long stems suitable for cutting. Instead of going to the extra expense of keeping the varieties separate, we have instructed him not to do so. Great care will be taken to see to it that each package contains the greatest variety

possible in harmonious colors. There will be Darwin Tulips, Cottage Tulips, Breeder Tulips, and Lily-Flowered Tulips in the mixture. All will be long-stemmed varieties excellently suited for cutting, anyone who simply wants a few Tulips for a bright spot in the garden could not possibly do as well anywhere at any price. Sold in quantities of not less than 50 bulbs in original package.

- * 50 fine big bulbs of Unnamed Tulips for cutting, for\$ 3.00
- * 100 fine big bulbs of Unnamed Tulips for cutting, for 5.75
- * 250 fine big bulbs of Unnamed Tulips for cutting, for 14.00
- *1000 fine big bulbs of Unnamed Tulips for cutting, for 52.00





Dutch Iris

Improved Spanish Iris—for Garden Planting.

This very distinctive group is of recent origin and has in a few years won international recognition. The flowers are not only superior in substance, brilliancy and purity of color but also earlier, larger and of greater refinement than the old Spanish Iris. The new hybrids we offer are readily distinguished by the narrow orange stripe on the falls, while the older varieties have a larger yellow blotch. These Iris are unsurpassed as cut flowers, since they will stand any

amount of handling which makes them valuable for the commercial grower and florist. Their hardiness and large color range have made them very popular for garden purposes, though in extreme climates they need some protection. The varieties we list have been carefully selected to give the full range of colors. Bulbs are supplied in suitable size for garden planting and are all guaranteed to bloom.

- *A. Bloemaard.** 70c per 12; \$4.60 per 100.
Twenty inches; standards dark purplish blue, falls lighter blue, very large flower, early.
- Abraham Storck.** 80c per 12; \$6.00 per 100.
Twenty-four inches; standards steel-blue, falls very dark blue, a very large Iris and the best blue.
- Adrian Backer.** 80c per 12; \$6.00 per 100.
Twenty inches; uniform purple-lilac, good substance.
- D. Haring.** 55c per 12; \$3.70 per 100.
Twenty-six inches; standards greyish white, falls pure white, very large flower of great substance, early.
- *Dirk Dalens.** 80c per 12; \$6.00 per 100.
Twenty-one inches; standards violet-blue, falls blue with narrow orange stripe. (Color illustration, page 21).
- E. B. Garnier.** 50c per 12; \$3.25 per 100.
Twenty-four inches; standards and falls uniform deep blue, the improved Emperor.
- *Golden Bronze.** \$1.20 per 12; \$9.00 per 100.
Twenty-two inches; standards dark violet-edged bronze, falls attractive golden bronze, very beautiful.
- *Golden Glory.** 65c per 12; \$4.50 per 100.
Twenty-four inches; standards golden yellow, falls darker, the dark Yellow Queen.
- *Leonardo da Vinci.** 65c per 12; \$4.50 per 100.
Twenty-eight inches; standards creamy white, falls canary yellow with orange stripe, very large flower, early. (Color illustration, page 21).

- Poggenbeek.** 60c per 12; \$4.00 per 100.
Thirty inches; standards and falls uniform dark blue, great improvement on Emperor.
- S. Van Ruysdael.** 90c per 12; \$7.00 per 100.
Twenty-three inches; standards violet-purple, falls bluish violet, unique color, very effective.
- *Therese Van Duyll-Schwartz.** 65c per 12; \$4.50 per 100.
Twenty-four inches; standards pale cornflower-blue, falls pure white, with very narrow orange stripe, excellent cut flower.
- *White Excelsior.** 60c per 12; \$4.00 per 100.
Twenty-two inches; uniform pure white, falls very broad, very good form and substance, very early forcer, the best medium priced white.
- *W. Zuiderveld.** 90c per 12; \$7.00 per 100.
Twenty-four inches; standards and falls uniform light bluish violet, very large flower of fine proportions. (Color illustration, page 21).
- *W. Verschuur.** 85c per 12; \$6.50 per 100.
Twenty-eight inches; standards violet, tinged bronze, falls bronze. Excellent novelty. (Color illustration, page 21).
- *Yellow Queen.** 65c per 12; \$4.50 per 100.
Twenty-eight inches; standards and falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow. (Color illustration, page 21).
- *Mixed.** 55c per 12; \$3.75 per 100.
A lovely mixture made up of the above varieties.

Spanish Iris

- Golden Lion.** 20c each; \$2.00 per 12.
Twenty-six inches; standards and falls golden yellow, both very much frilled. A very graceful and attractive flower and the only Spanish Iris really worth listing.

Iris Tingitana Hybrid

- Especially Recommended for Early Forcing in Greenhouse.
- *Wedgewood.** \$1.20 per 12; \$9.00 per 100.
Twenty-four inches; standard blue, falls lighter blue, excellent forcer. Supplied in top size bulbs only suitable for forcing.

English Iris

(Hardy)

- *Choice Mixed Shades.** 85c per 12; \$6.50 per 100.
These magnificent bulbous Irises thrive in any ordinary garden soil but prefer a good loam. The earlier the planting, after beginning of September, the greater the success; the bulbs should be planted 4 inches deep. The varieties contained in our mixture, we have especially selected as being the very finest and most distinct in cultivation, and they will be found as strikingly beautiful in color as many of the sumptuous orchids. They flower from end of June to beginning of July, thus succeeding the Bearded Flag Irises, Early Xiphium and Spanish Irises. As cut flowers they take a first place.

Iris Reticulata

Fragrant Iris—Hardy with Protection.

- *Reticulata.** \$1.75 per 12; \$12.00 per 100.
This lovely species is one of the treasures of the garden or rock garden. It can best be described as a small form of the Spanish or Dutch Iris. Its main value lies in the fact that it may be forced into bloom in the house with the greatest ease. Six or eight bulbs put into a 4 or 5-inch pot when received will bloom about Christmas time. The fragrant blossoms remind one of a bunch of fresh violets. Perfectly hardy with reasonable protection. It is one of the loveliest early flowering bulbs for the rockery. To show it off well, plant a number of bulbs under the white Arabis Alpina; you'll enjoy the results more than we can tell you. (Color illustration, page 47).

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges.





Narcissi - Daffodils

The past few years have seen tremendous progress in the development of the Daffodil. Magnificent new varieties are now available and if you are a lover of Daffodils may we suggest you plant a few bulbs of such kinds as Lord Louis Mountbatten, Lovenest, Mrs. R. O. Backhouse, John

Evelyn, Loudspeaker, or Moonshine. Many of our friends are growing some, selling the yearly increase to acquaintances, making a handsome profit on their investment as well as having a pleasant hobby.

Yellow Trumpet Daffodils

Division 1a: Trumpet as long or longer than perianth segments, trumpet lemon, yellow or sulphur colored, with perianths of same shade but not of white.

- *Areolite.** \$1.90 per 12; \$12.25 per 100.
Here is a golden Daffodil that is sure to replace many of the present varieties as it becomes available; the large flower is beautifully proportioned, giving the impression of gracefulness, despite its size; perianth deep primrose, with a pure medium-yellow trumpet which is left in bold relief by the broad pointed star formed by the flat opening outer petals, an inch and a half wide; medium early, but remains until late, and is one of the longest lasting of all Daffodils in the garden or after being cut. (Color illustration, page 27).
- *Alasnam.** 35c each; \$2.95 per 12.
Wide, short, densely frilled trumpet of pure deep yellow, a shade deeper than the perianth; finely placed with good neck; flower "looks you in the eye"; excellent for landscape groups, also for forcing; very early. (Color illustration, page 27).
- *Cleopatra.** \$1.95 per 12; \$13.00 per 100.
A splendid flower which has won many awards and is well known everywhere; lemon-yellow perianth, overlapping petals; trumpet light yellow; very late.
- Duchanel.** 60c each; \$5.25 per 12.
A beautifully balanced flower of giant size—a strikingly clear self yellow, widely flaring trumpet is deeply frilled. Especially valuable as it is very late, an outstanding show flower.
- *Emperor.** \$1.15 per 12; \$8.75 per 100.
Double Nosed Bulbs. \$1.25 per 12; \$9.25 per 100.
Perianth primrose, trumpet darker, a forcing and bedding flower of proven merits.
- Giant Killer.** \$2.70 per 12; \$18.75 per 100.
Long, straight frilled trumpet, rich yellow, lighter at base, and with deep primrose perianth; somewhat similar to Van Waveren's Giant but deeper in color; vigorous grower.
- Golden Spur.** \$1.15 per 12; \$8.75 per 100.
Uniform yellow, a most popular Daffodil for forcing or for the garden.
- *King Alfred.** \$1.75 per 12; \$11.75 per 100.
Double Nosed Bulbs. \$1.95 per 12; \$13.00 per 100.
One of the finest of all; the new super-giant of the Yellow Trumpets.
- Matamax.** 35c each; \$2.70 per 12.
A strong grower and exceptionally tall; clean, golden color, fine substance; very late.
- *Olympia.** \$1.75 per 12; \$12.00 per 100.
A much improved and enlarged Emperor, free-flowering and hardy.
- Treserve.** \$1.50 per 12; \$10.25 per 100.
One of the leaders among the new giant trumpets; deep canary-yellow with a paler perianth, the segments of which reach forward about the trumpet, producing a flower of distinct individuality; the trumpet mouth, 2 inches across, is deeply lacinated.
- Warwick.** 35c each; \$2.70 per 12.
Another of the striking new King Alfred seedlings outstanding in every way and very early; refined stem and neck bearing a star-shaped perianth of great substance; golden yellow, with trumpet a shade deeper in color.

White Trumpet Daffodils

Division 1b: Varieties with white perianth and white or nearly white trumpet, including pink or apricot trumpets.

- *Eve.** 50c each; \$5.00 per 12.
Of good size but of such perfect proportions that the name suits it absolutely; a harmony in white and old ivory, with even the pistil and stamens blending into the color scheme; the green and gold shading at the outer base of the trumpet adds to the flower's delightful charm. (Color illustration, page 26).
- *La Vestale.** \$2.30 per 12; \$14.25 per 100.
Giant trumpet type with pure ivory-white perianth, of informal design, with trumpet of deep cream-yellow, tall, fine for small groups or naturalizing in dim shade; though of delicate appearance, it is of good substance and lasts well; early. (Color illustration, page 27).
- Lovenest.** \$1.05 each; \$10.00 per 12.
One of the very few members of the "pink Daffodil" class; among the daintiest of all the trumpets; medium in height with a starry shaped perianth of informal type; nicely proportioned trumpet of saffron-yellow turning to apricot-pink; delightfully charming at all stages; very early.
- *Madame de Graaff.** \$1.55 per 12; \$11.00 per 100.
This lovely graceful Daffodil was the first of a new class and most famous of the white trumpets.
- *Mrs. E. H. Krelage (White King Alfred).** Each, 25c; \$2.40 per 12; \$16.00 per 100.
A charming visitor standing before a bed of this exquisite variety asked us: "Is this the White King Alfred?" That question conveys quite satisfactorily the impression its flowers make. The pristine purity of this regal flower, the play of light on its balanced petalage, the graceful curve of the trumpet's brim are unforgettable. An excellent grower. Easy to force, long stemmed. Has no rival at the shows.
- Mrs. John Bodger.** \$2.00 each; \$24.00 per 12.
Considered by many the most exquisite of the new white trumpets; a semi-dwarf hybrid of medium size, with a pure white star-shaped perianth and a good trumpet; wonderful variety for the rock garden or the front of the border; sure to become a great favorite as it has been enthusiastically received at every show.
- *Mrs. R. O. Backhouse.** \$4.00 each; \$45.00 per 12.
This is the famous "pink Daffodil"; fine informal perianth of ivory-white, and beautifully proportioned, slim long trumpet of apricot-pink, changing to shell-pink at the deeply fringed edge; delicately beautiful but of exceptional substance; long lasting; early, belongs in every collection. (Color illustration, page 26).
- President Carnot.** 40c each; \$2.95 per 12.
A self-colored creamy white trumpet of the Olympia type, with perianth petals slightly twisting and reaching forward, adding beauty of form to the charming color harmony.

Bicolor Daffodils

Division 1c: Bicolor Trumpet Daffodils, with white or whitish perianth and a yellow, lemon or pale primrose trumpet.

- Jefta.** 40c each; \$2.95 per 12.
Very delicately colored giant trumpet of moderate size; cream-colored perianth and pale lemon trumpet slightly recurved at mouth; early.

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





Dutch Iris,
Dirk Dalens.



Dutch Iris,
Leonardo da Vinci.



Dutch Iris,
Zuiderveld.



Dutch Iris,
Yellow Queen.



Dutch Iris,
W. Verschuur.

Dutch Iris.
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Barri,

Mrs. Barclay.
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***Sylvanite.** 30c each; \$3.00 per 12.
A striking new variety with broad overlapping perianth of creamy white, and light canary trumpet; strong grower, but graceful. (Color illustration, page 27).

***Spring Glory.** \$1.40 per 12; \$10.25 per 100.
Still a favorite both for the garden and for forcing; pure yellow trumpet, slightly paler perianth, excellent stem, and always free blooming.

***Van Waveren's Giant.** \$2.10 per 12; \$13.50 per 100.
Enormous flower with deep yellow trumpet, well opened; perianth pale yellow with outer petals exceptionally broad and inner ones usually slightly twisted, making the flower more graceful.

Victoria. \$1.25 per 12; \$9.25 per 100.
An old variety still deservedly popular; broad overlapping perianth with trace of gold down center of each cream-white petal; graceful trumpet of good proportions, and uniform, clear, deep canary-yellow.

Incomparabilis Narcissi

Division 2: *Incomparabilis*, cup or crown measuring from one-third to nearly the length of the perianth segments.

***Bernardino.** \$1.35 per 12; \$10.00 per 100.
Perianth cream-colored, the frilled and fluted cup stained deep apricot-orange at its edge. A good hardy grower which forms nice clumps in the garden in a short time. (Color illustration, page 25).

***Croesus.** \$1.85 per 12; \$12.50 per 100.
Universally popular both for the garden and for exhibition; light canary-yellow perianth of perfect form, with outer petals nearly touching, the inner ones overlapping, opening flat; broad fluted cup of rich orange to base; substantial, free-flowering, and a fine propagator. (Color illustration, page 26).

Donatello. \$1.90 per 12; \$12.25 per 100.
Very attractive moderately priced flower which will appeal to the discriminating; light primrose perianth, slightly reflexed, with overlapping petals giving a golden effect, supporting a pure deep yellow trumpet of beautiful design, ruffled and frilled and of a uniform pure yellow; medium late.

***Francisca Drake.** \$2.00 each; \$22.00 per 12.
It is impossible to describe adequately the beauty of this unusual flower of a distinct new type; the pure white perianth petals are of unusual substance, an inch and a half wide, and tinted gold at the base, which shows through on the outside; the cup, wide and deep, is golden yellow at the base, changing gradually to flame-orange at the densely frilled edge; the flowers are held well above the fine foliage and give the effect of a flock of white seagulls taking flight; strong-growing and free-flowering. (Color illustration, page 28).

Gallipoli. 40c each; \$2.95 per 12.
World-famous variety, citron-yellow perianth, cup deeply fluted to base, and with a double frill effect at edge, is yellow, shading to vivid orange, buds and flowers somewhat drooping, very decorative.

***John Evelyn.** \$1.00 each; \$10.00 per 12.
Deservedly an international favorite; outstanding among the new *Incomparabilis* hybrids; flatly opening perianth, 4 to 5 inches across, with a flat cup nearly 2 inches in diameter, densely frilled, the perianth being pure white, without trace of shading, and the cup lemon yellow and fluted or shirred to the base; good neck; strong grower; free flowering and a good propagator; one of the greatest Daffodils. (Color illustration, page 26).

***Lucifer.** 95c per 12; \$7.00 per 100.
Perianth sulphur-white with long, well rounded petals, starlike in effect; cup chrome-yellow edged bright orange. A showy flower for outdoors; it holds its color splendidly. Height 18 inches.

Loudspeaker. \$2.50 each; \$28.00 per 12.

Among all the fine Daffodils of recent introduction, no other has more quickly made a name for itself; a flower of great size, 4½ inches across, with wide flaring trumpet 2 inches across, the whole flower being finely proportioned, and borne on a tall stem with a good neck; in color the perianth is pure citron-yellow, and the cup chrome-yellow, deepening slightly at the frilled edge; conspicuous styles of the same shade as the perianth add to its beauty; outstanding and in every way a satisfactory as well as a sensational flower, both in the garden and on the show table.

***Mi-Careme (Golden Eagle).** 40c each; \$3.50 per 12.
Another of the Loudspeaker type, perianth somewhat lighter, trumpet deeper in color; less flaring and more deeply frilled, a little earlier than Loudspeaker. This variety, with Loudspeaker, make a wonderful combination. (Color illustration, page 27).

Red Cross. 90c each; \$7.75 per 12.
Famous throughout the Daffodil world, extra large, strong flower, opening flat, primrose yellow perianth, and deep yellow cup densely frilled, of deep orange, substantial and long lasting, and fine both in the garden and for exhibition.

***Sir Watkin.** \$1.10 per 12; \$8.00 per 100.
Perianth primrose-yellow; large and well-formed yellow cup; tinged deep yellow. A giant among the medium-crowned Daffodils.

***Whitewell.** \$1.25 per 12; \$9.50 per 100.
Pure white, broad petalled starry perianth, opening flat, or slightly reflexed; cup fluted and frilled, deep primrose, with orange edge; flower held well above foliage. (Color illustration, page 27).

***Will Scarlett.** \$1.10 per 12; \$8.00 per 100.
Medium-sized flower of informal habit; reflexed perianth, petals often slightly curled; good cup of yellow ochre with flaming orange-scarlet edge; fine for the rock garden or for naturalizing near a small pool.

Barri Narcissi

Division 3: *Barri*, cup or crown measuring less than one-third the length of the perianth segments.

***Alcida.** \$1.90 per 12; \$12.25 per 100.
Giant flower, pure white perianth opening flat, star-shaped, with individual petals over 1½ inches wide; broad citron-yellow cup with blood-orange frill; strong grower, fine substance and wonderfully free-flowering; very late. (Color illustration, page 22).

***Bath's Flame.** \$1.70 per 12; \$11.25 per 100.
Yellow perianth, deep yellow cup with broad edge of orange-red. The petals are very long, giving the flower a distinct and outstanding character. A perfection in scarlet and gold. Long stems.

***Conspicuous.** 90c per 12; \$6.50 per 100.
Large, broad, spreading perianth of soft yellow; short yellow cup, edged bright orange-scarlet. One of the most useful of all Daffodils. Splendid for the border or naturalizing. Height 21 inches.

***Diana Kasner.** \$2.00 per 12; \$14.50 per 100.
A pure white perianth and a large fluted yellow cup with blood-red frill, very free-flowering and an excellent forcer. We consider this variety as one of our most valuable introductions and cannot recommend it too highly. (Color illustration, page 22).

Dosoris. \$1.25 per 12; \$8.75 per 100.
Pure white overlapping perianth, flat cup, finely frilled, of red-orange.

***Early Surprise.** \$1.25 per 12; \$8.75 per 100.
Semi-dwarf habit of growth; pure white perianth with orange-colored cup, fine for naturalizing, and the earliest for forcing of this type. (Color illustration, page 25).

***Firetail.** 30c each; \$2.40 per 12.
Popular the world over; broad petalled creamy white perianth and large orange cup with scarlet-orange frill. (Color illustration, page 28).

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Lady Moore. \$1.70 per 12; \$11.25 per 100.
Pure white perianth; yellow cup with orange frill; substantial flower remaining in good condition even where many other varieties "burn"; late, but an excellent forcer.

May Flower. 70c each; \$6.25 per 12.
One of the new Barri-Poeticus hybrids with perianth of pure glistening white, overlapping petals, and yellow eye with red picotee; extremely tall, very striking; late.

***Mrs. Barclay.** 35c each; \$2.70 per 12.
Large flower with flat, reflexed, broad-petaled overlapping perianth of pale primrose, changing to pure white; deeply frilled flat cup of primrose-yellow, with dainty orange picotee; extremely showy, and a great favorite in the garden. (Color illustration, page 22).

***Mrs. Walter Brewster.** 40c each; \$2.95 per 12.
Fine, reflexed perianth of pure white; flat cup, lemon yellow, edged with oxblood-red; fine lasting flower; one of the best. (Color illustration, page 26).

Niobe. 40c each; \$3.25 per 12.
Perfectly formed, flat-opening broad petaled perianth of creamy white; flat eye, edged intense red-orange; the unopened bud droops prettily, making a contrast with the opened flowers.

Red Beacon. \$1.25 per 12; \$8.75 per 100.
Creamy white overlapping perianth, cup orange, frilled.

***Seagull.** \$1.00 per 12; \$7.25 per 100.
Large broad petalled perianth, slightly reflexed pure white, giving an effect suggestive of the name as the flowers seem to float above the foliage; cup light yellow, with red picotee edge; free flowering, extremely tall, late, fine for naturalizing.

***Shackleton.** 50c each; \$4.25 per 12.
Exceptionally large and graceful flower, with broad, pure white, reflexed broad flat cup of chrome-yellow shading to brilliant orange-scarlet; extra fine. (Color illustration, page 28).

***Sunrise.** \$1.60 per 12; \$10.75 per 100.
Pure star-shaped white perianth, with distinct golden rays extending up each petal from the base of the cup; small cup of clear deep yellow-orange; unique and very attractive. (Color illustration, page 22).

Leedsi Narcissus

Division 4: Perianth white, cup white, or pale citron, sometimes tinged with pink or apricot.

***Evangeline.** \$1.10 per 12; \$7.25 per 100.
A tall dancing Daffodil with reflexed, star-shaped, white perianth, and lemon-yellow cup. Fine for naturalizing.

***Hera.** \$1.60 per 12; \$10.75 per 100.
Broad-petaled creamy white perianth, star-shaped and deeply frilled cup of creamy white with a dainty edging of light primrose; one of the most beautiful of all Daffodils. (Color illustration, page 25).

***Lord Kitchener.** \$1.50 per 12; \$10.25 per 100.
Broad, flat, pure white perianth, very pale primrose crown. A fine variety and great improvement over Mrs. Langtry. (Color illustration, page 22).

***Louis Capet.** \$1.90 per 12; \$12.25 per 100.
A dainty little flower of perfect conformation from whatever angle viewed; poised on tiptoe ready for a dance at the slightest breath of air; perianth white; trumpet light primrose with golden anthers, and pale green shading to gold; foliage clean and upright, not too heavy; an ideal Narcissus for naturalizing and for the rock garden. (Color illustration, page 28).

***Nette O'Melveny.** \$2.10 per 12; \$13.25 per 100.
Surely the "little people" must have been abroad frolicking in the moonlight when this fairy flower was born; a dancing Daffodil with pure white perianth and

cup of clear lemon-yellow, with orange picotee; splendid foliage, tall graceful stem, and good neck; in every way a delightful flower and sure to become immensely popular. (Color illustration, page 28).

***Queen of the North.** 95c per 12; \$7.00 per 100.
Substantial flower with broad white perianth and lemon cup prettily fluted.

***Silver Star.** \$2.30 per 12; \$14.25 per 100.
Perfect broad-petaled star-shaped perianth of pure cream-white, with finely proportioned, wide mouthed trumpet of primrose, changing to cream white, just a shade deeper than the perianth; extra fine and free-flowering. (Color illustration, page 26).

***White Lady.** 90c per 12; \$6.50 per 100.
Broad white perianth of perfect form; small cup of pale canary, beautifully crinkled; free blooming, and well suited to outdoor planting. Superb when used as a cut flower.

Triandrus Hybrids

Division 5: These are the cyclamen-flowered Daffodils with reflexing perianth. The flowers are more or less drooping, of elegant form and graceful habit.

***Agnes Harvey.** \$2.30 per 12; \$14.25 per 100.
A most dainty Daffodil of drooping habit, 1 to 3 flowers on a stem; white starry perianth with Triandrus type trumpet, of the same color, sometimes flushed faint apricot. A wonderful flower for naturalizing, especially near water, and also for cutting; desirable in every way. (Color illustration, page 28).

Moonshine. 50c each; \$4.25 per 12.
A beautiful Triandrus hybrid, star-shaped creamy white flower, often three to a stem, drooping gracefully, very beautiful and a great favorite, especially for the rock garden or for naturalizing in the shade.

Mrs. Alfred Pearson. \$2.30 per 12; \$14.25 per 100.
Dainty star-shaped flowers in generous clusters; white perianth and pale primrose cup; new type from crossing a Leedsi and a Polyanthus; excellent for the rock garden.

Pearly Queen. 35c each; \$2.70 per 12.
Triandrus hybrid, 2 or 3 flowers to a stem; star-shaped cream-white perianth, with clear lemon-yellow short trumpet; distinct pearly sheen provides the name; drooping habit; free flowering and a strong grower.

***Thalia.** Each, 40c; \$3.25 per 12; \$23.25 per 100.
In addition to a peculiar attraction at first sight, this flower leaves one with an impression that it is white, yet it is a whiteness that is not white. The recurving petals and the angle of the three trumpets are unlike the conventional short-cupped Daffodil. The stem is dark green, round and reed-like thin. Some call it the "orchid flowered" Narcissus, which adds to the mystery. Thalia provides unusually good material for artistic arrangements. At the flower shows its "spell" evokes endless comment and we consider it one of the loveliest of this group.

Cyclamineus Hybrids

Division 6: Cyclamineus blood like that of Triandrus, imparts such a distinct form to Daffodils, that a separate division has been made for its hybrids, which have trumpets of rich yellow, straight and tube-like, and perianths reflexed as in a Cyclamen; very early flowering.

***February Gold.** \$2.30 per 12; \$14.25 per 100.
Perianth golden yellow, trumpet tinged orange, very early. (Color illustration, page 22).

March Sunshine. 45c each; \$3.45 per 12.
Smaller than February Gold and more adapted for rock garden planting.

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





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Jonquilla Hybrids

Division 7: Hybrid Jonquils with two or more, small, very fragrant flowers on one stem.

- ***Campernelle, Single.** \$1.10 per 12; \$8.00 per 100.
A tiny golden Daffodil with tips of pointed grass-like foliage reaching above the flowers; the broad overlapping petals make a nicely rounded perianth; frequently 3 blooms on a stalk; a delightful little flower.
- Campernelle, Double.** \$1.25 per 12; \$8.75 per 100.
Two to three golden yellow, small, fragrant flowers on a strong stem; lovely for cutting. Height 13 inches.
- Chrysolite.** 70c each; \$6.25 per 12.
A new Jonquil-yellow-trumpet hybrid of well balanced form and large size; pure light golden color; a generous proportion of two-flowered stems but just as beautiful as a single flower.
- ***Golden Sceptre.** \$1.10 per 12; \$8.00 per 100.
A medium-sized perfectly built flower of deep Jonquil-yellow, 3 inches or more in diameter. The whole flower, as with the others in this class, is of the greatest substance, keeping in perfect condition exceptionally long both in the garden and when cut.
- ***Tullus Hostilius.** \$1.90 per 12; \$12.25 per 100.
Of the jonquil yellow trumpet type; strong growing flower of remarkable substance, lasting exceptionally long in the garden or when cut; an ideal Daffodil for informal use and for the large rock garden.

Poetaz Narcissus

Division 8: All Poetaz are hybrids from Poeticus Ornatus and Polyanthus Narcissi. The plants are tall and vigorous growers, bearing heads of large well-formed flowers, deliciously fragrant. There is no better group for indoor culture in flats, pots or bowls, while if planted in time, their hardiness outdoors leaves nothing to be desired.

- Cheerfulness.** \$1.60 per 12; \$10.75 per 100.
The double Elvira, a very pleasing double white Poetaz, good stems, a fine garden and show flower.
- ***Elvira.** \$1.15 per 12; \$8.75 per 100.
Creamy white perianth, yellow cup edged orange.
- Helios.** \$1.25 per 12; \$8.75 per 100.
Creamy yellow perianth, yellow cup, free-flowering.
- Klondyke.** \$1.00 per 12; \$7.25 per 100.
Rich yellow perianth, darker cup, one of the finest yellows.
- ***Laurens Koster.** 95c per 12; \$7.00 per 100.
Creamy white perianth, lemon-yellow cup, free-flowering. (Color illustration, page 25).
- ***Orange Cup.** \$1.00 per 12; \$7.25 per 100.
Yellow perianth, cup orange-red, nicely frilled.

Poeticus Narcissus

- Division 9: Poet's Narcissi, white petals with scarlet cup.**
- Comus.** \$1.10 per 12; \$7.25 per 100.
Fine flower of Recurvus type; medium height and excellent for the rock garden; pure white perianth; flat lemon-yellow eye, frilled deep red; fine foliage; excellent for naturalizing or for the rock garden.
- Edwina.** 40c each; \$3.25 per 12.
Purest white perianth, broad and overlapping petals, very flat cup, yellow edged red. Fine form and substance, highly recommended.
- Horace.** \$1.10 per 12; \$7.25 per 100.
Large star-shaped perianth, gleaming white broad petals, with flat eye, yellow edged red; graceful and free-blooming.
- Ornatus Maximus.** 90c per 12; \$6.50 per 100.
Extremely broad overlapping petals, recurving from typical pheasant's eye cup; a larger Ornatus, unsurpassed for naturalizing.
- ***Recurvus.** 85c per 12; \$6.00 per 100.
The old Pheasant's Eye. Perianth pure white, somewhat reflexing; cup margined deep scarlet; sweet scented. Fine for massing in borders or in grass.

Double Narcissus

Division 10:

- ***Albus Plenus Odoratus.** 80c per 12; \$6.00 per 100.
Snowy white, sweet-scented, highly recommended.
- Argent.** \$1.35 per 12; \$10.00 per 100.
Nicely built flower of white and canary yellow; attractively formed, resembling a Carnation.
- Dubloon.** \$1.50 per 12; \$10.25 per 100.
Longer petals of primrose, interspersed with shorter petals of canary yellow, giving a golden glow to the entire flower.
- Indian Chief.** 60c each; \$5.25 per 12.
Very large and very double, bright yellow interspersed with orange; the petals curled and twisted.
- Mary Copeland.** \$3.50 each; \$40.00 per 12.
One of the famous varieties of the new semi-double type, this variety has been termed the most striking double in cultivation; the longer petals are pure cream white with a golden ray down the center, interspersed with shorter petals of lemon and brilliant orange, giving a 3-color effect; unsurpassed for garden or show.
- Snowsprite.** 35c each; \$2.70 per 12.
A double Leedsii; flowers borne on tall stems; pure white, interspersed with very light lemon; a novelty and a good florist's flower, extremely late.
- ***The Pearl.** \$1.25 per 12; \$8.75 per 100.
Nice flower; not too double, creamy white, interspersed with sulphur-yellow, deeper at the center; charming. (Color illustration, page 25).
- ***Twink.** 40c each; \$2.95 per 12.
It is double, of the semi-full type, the petals alternating a soft primrose and clear orange, and so arranged as to give the flower a most attractive appearance, and making it a most adaptable flower for large scale decorative work; is very free-flowering and hardy and we sincerely believe will be used by every commercial grower. It is a splendid show flower. (Color illustration, page 25).

Polyanthus Narcissus

(Paper-White Narcissus)

Dishes of these, grown in pebbles and water, may be had in bloom continuously from Thanksgiving until Easter. The best method is to keep your bulbs in the containers in which they are shipped to you and to store them in a moderately cool, dry place. Plant different lots every three weeks from October 1st until March 1st, and you can enjoy a constant succession of bloom.

Paper-White Grandiflora.

The popular, bunch-flowering, pure white Narcissus, frequently having 30 individual blooms and splendid decorative foliage from a single bulb. We offer 2 sizes, each suitable for growing indoors in pebbles and water.

***First Size Bulbs.** 70c per 12; \$5.00 per 100; \$45.00 per 1000.

***Jumbo Bulbs.** 85c per 12; \$6.50 per 100; \$60.00 per 1000.

Golden Yellow Narcissus

(Soleil d'Or)

Soleil d'Or resembles the Paper-White Narcissus very much in habit but is of an exquisite deep yellow color, with an orange-yellow cup. The culture is the same as for the Paper-White Narcissus. We have some very fine stock of this variety to meet the steadily increased demand of the past few seasons and recommend its use in place of the Chinese Sacred Lily. Do not omit a few bulbs from your order. Top size, \$2.00 per 12; \$14.00 per 100.

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges.





Little Daffodils

For the Rock Garden.

The following are charming little subjects for rock work, where their dainty flowers are seen to perfection. They should be left undisturbed for years, and if happy, will soon establish themselves and afford a lovely picture in early spring. All the *Bulbocodium* (except *monophyllum*) and the *Cyclamineus* like moisture, and should, therefore,

be planted at the foot of the rockery. *Bulbocodium monophyllum* flourishes in a warm, dry sheltered situation planted in almost pure sand. *Triandrus Albus* (Angel's Tears) and *Juncifolius* delight in partial shade and a light, gritty soil, and should be given a well-drained position.

**Bulbocodium Citrinus*. \$2.10 per 12; \$13.25 per 100. Large sulphur Hoop-Petticoat, very beautiful pale citron-yellow. Height 6 to 8 inches.

**Bulbocodium Conspicuum*. \$1.90 per 12; \$12.25 per 100. Yellow Hoop-Petticoat, flowers rich golden yellow of hoop-petticoat form and rushlike foliage. Height 6 inches.

Bulbocodium Monophyllum. \$2.45 per 12; \$15.75 per 100. White Hoop-Petticoat, producing in winter little snowy white flowers of exquisite beauty. Height 6 inches.

Cyclamineus. 35c each; \$2.95 per 12. The yellow Cyclamen-flowered Daffodil. The trumpet is rich yellow, straight and tubelike, elegantly serrated at mouth, while the perianth is reflexed like a Cyclamen.

**Jonquilla Simplex*. \$1.50 per 12; \$10.25 per 100. The true tiny single Jonquil. The bulbs as well as the flowers of this miniature Daffodil are not very much larger than the Snowdrop. The flowers are a pure golden yellow and delightfully fragrant; foliage is grass-like. Perfectly hardy and most satisfactory small Daffodil for the rock garden.

**Jonquilla Flore Pleno*. \$1.90 per 12; \$12.25 per 100. This is the charming double-flowered form of the above. Also splendid in the rockery.

Juncifolius. 30c each; \$2.60 per 12. Small, graceful, rich yellow flowers, rather smaller than a Buttercup, with a dainty little flat crown.

Minimus. 40c each; \$3.45 per 12. True. The smallest and dwarfest of all Daffodils, producing outdoors in February dainty little trumpet flowers of a rich, full yellow. Height about 2 inches.

Minor. 70c each; \$6.25 per 12. True. A most graceful and charming very early flowering miniature Daffodil of Maximus form, flowers with full yellow perianth gracefully twisted and the miniature trumpet elegantly flanged at mouth. Height 6 inches.

Triandrus Agnes Harvey and all other *Triandrus* Hybrids listed on page 24 are splendidly suited for the rock garden.

**Triandrus Albus*. \$2.10 per 12; \$13.25 per 100. An exquisitely beautiful little species, it is of slender growth and produces a cluster of elegant creamy white little flowers with globular cup and perianth reflexing as in the Cyclamen. Height 7 inches.

Triandrus Calathinus. 70c each; \$6.25 per 12. The flowers are produced in clusters of two and three, are snowy white and more than twice the size of *Triandrus Albus* with long goblet-shaped crown prettily fluted; the foliage has a curious habit of curling over. Height 7 inches.

Triandrus Concolor. 55c each; \$5.00 per 12. True, bearing clusters of dainty fragrant flowers of similar form to *Triandrus Albus*, but of a uniform soft yellow, a rare and beautiful little Daffodil. Height 7 inches.

Triandrus Pulchellus. 50c each; \$4.25 per 12. A very beautiful little Daffodil with elegant clusters of flowers, primrose perianth and creamy white cup. Height 9 inches.

Triandrus, Queen of Spain. 30c each; \$2.40 per 12. A wild hybrid. The flowers vary slightly in size, and sometimes in form of trumpet, but all are a uniform, delicate creamy yellow with graceful reflexing perianth. Height 12 inches.

W. P. Milner. \$2.30 per 12; \$14.25 per 100. A charming free-flowering variety, with dainty sulphur-colored flowers; one of the small trumpet varieties for the rockery; can also be grown in fiber in bowls.

Rock Daffodil Collection No. 200 for \$4.50

A Choice Collection of *Narcissus* Species for the Rockery.

This little collection of miniature Daffodils is made up of distinct and easily grown species for the small rockery.

3 <i>Bulbocodium, Conspicuum</i>	3 <i>Juncifolius</i>
3 <i>Bulbocodium monophyllum</i>	3 <i>Jonquilla simplex</i>
3 <i>Triandrus, Queen of Spain</i>	3 <i>Jonquilla flore pleno</i>
3 <i>Cyclamineus</i>	3 <i>Triandrus albus</i>

24 Bulbs in 8 Varieties, All Labeled and Put Up Separately, 3 Bulbs of One Kind.

Daffodils for Naturalizing

The greatest and most effective use of Daffodils is to naturalize them in quantity in meadows and orchards, in woodlands and along the driveway, on the bank of the brook or along the shrubbery.

By planting some bulbs on the south side and some others facing north, a long period of flowering, lasting well over a month, may be enjoyed.

Daffodils are the most prolific of flowers. If you plant a single bulb it will not be long in gathering a family, and in the course of two or three years the spot in which it

grows will have become as populous as the tents of the patriarchs.

Planting mixed Daffodils is an investment that pays large dividends, if the right varieties are used.

The mixture presented by us is made up from named varieties and should, therefore, not be confused with other mixtures offered. This mixture is not grown as such, but varieties are selected that are especially adaptable for naturalizing and will give an abundant and prolonged flowering period, increasing from year to year.

*12 bulbs for 75c; 100 bulbs for \$5.00; 1000 bulbs for \$45.00; 10,000 bulbs or more, special prices on request.

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





Lilium Regale.
See page 34.



Lilium Hansonii.
See page 33.



Lilium Martagon.
See page 34.



Lilium Auratum.
See page 33.



Lilium Candidum.
See page 34.



Lilium Tigrinum.
See page 34.



Lilium Umbellatum.
See page 34.



*Lilies
for
Fragrance*

*Lilies
for
Beauty*



Lilium Henryi.
See page 33.

Lilium Speciosum Magnificum.
See page 34.



Lilium Testaceum.
See page 34.



Lilies

So well known that to mention their beauty and utility seems futile. A few simple, yet very important, rules to grow them successfully should be carefully observed. First, provide adequate drainage and this must be adequate. Secondly, the bulbs of most varieties require some shade while at the same time allowing the flower stalk to reach the sunlight. Thirdly, select proper varieties, we will gladly help you in this case. Lilies are not like tulip bulbs, all grown in one country under one and the same conditions, but are gathered together from many foreign countries. They all have different habits and flowers, and ripen off at

different times of the year; therefore, orders for Lilies can not always be filled at one time, many arrive too late for autumn planting, thus necessitating carrying over the bulbs until spring.

Culture and Care. A booklet on the care of Lilies, giving explicit and detailed cultural instructions for all the varieties offered will be sent to you upon receipt of 25 cents; it is free with orders for Lilies of \$10.00 or more. You will find it contains all the information necessary to grow Lilies to perfection.

- Auratum (Gold-Banded Japan Lily).**
 *Large bulbs. 9- to 11-inch circumference. Each, 35c; \$3.50 per 12; \$25.00 per 100.
 *Mammoth bulbs. 11- to 13-inch circumference. Each, 45c; \$4.50 per 12; \$35.00 per 100.
 Undoubtedly one of the finest. Large graceful, fragrant flowers composed of 6 petals of delicate ivory-white, thickly studded with chocolate-crimson spots and striped through the center a golden yellow; 3 to 5 feet. July to September. (Color illustration, page 31).
- Auratum platyphyllum.**
 *Large bulbs. 9- to 11-inch circumference. Each, 45c; \$4.50 per 12; \$35.00 per 100.
 *Mammoth bulbs. 11- to 13-inch circumference. Each, 55c; \$5.50 per 12; \$45.00 per 100.
 Also called "Macranthum." This is a robust growing form; the stem is stouter and attains a greater height; the leaves are much broader; enormous flowers, white, richly spotted yellow. Undoubtedly the choicest of all.
- ***Auratum pictum.** Each, 55c; \$5.50 per 12; \$45.00 per 100.
 Is another splendid form of Auratum and fortunately a stronger grower.
- ***Batemanniae.** Each, 40c; \$4.00 per 12; \$25.00 per 100.
 Strong stems with 5 to 10 flowers of a reddish orange color. July and August. Height 3 to 4 feet.
- ***Browni odorum.** Each, 70c; \$6.75 per 12; \$65.00 per 100.
 A vigorous grower with large, trumpet-shaped flowers of clear white, veined outside with purplish maroon.
- ***Carolinianum.** Each, 40c; \$4.00 per 12; \$30.00 per 100.
 A showy Lily with slender stems, bearing reflexed, orange-red flowers, spotted maroon. Requires a well drained situation. July and August. Height 2 to 3 feet.
- ***Canadense.** Each, 20c; \$2.00 per 12; \$15.00 per 100.
 Our dainty, beautiful native Lily. Graceful and charming flowers.
- ***Canadense flavum.** Each, 30c; \$3.00 per 12; \$20.00 per 100.
 Yellow-flowered form of the above.
- ***Chalcedonicum.** Each \$1.50; \$16.00 per 12.
 The flowers are in large clusters with recurved, bright scarlet petals. A handsome and attractive Lily; in fact, the most brilliant Lily grown. July. Height 3 to 4 feet.
- ***Colchicum.** Each, 70c; \$6.75 per 12; \$65.00 per 100.
 A beautiful lemon-yellow Lily, produced in pyramidal clusters of drooping, waxlike flowers. June. Height 4 to 5 feet.
- ***Croceum.** Each, 45c; \$4.50 per 12; \$35.00 per 100.
 The Irish Orange Lily. South Europe. Flowers very showy, bright orange, with minute dark brown spots. June flowering. When well grown and established it attains a height of 5 feet or more, with a large quantity of flowers on each stem. This Lily is now getting scarce.
- ***Davuricum.** (See Umbellatum).
- ***Elegans.** Each, 40c; \$4.00 per 12; \$30.00 per 100.
 Very hardy, dwarf Lilies thriving in any garden and producing large, erect flowers of various shades of yellow, orange and red. All varieties grow from 1½ to 2 feet; bloom in June and July. Mixed.

- ***Elegans, Alice Wilson.** Each, 45c; \$4.50 per 12; \$35.00 per 100.
 A very rare and beautiful Lily with clear lemon-colored flowers. Height 2 feet.
- ***Elegans atrosanguineum.** Each, 45c; \$4.50 per 12; \$35.00 per 100.
 Flowers of a rich dark coppery crimson with purple-black spots at base of petals. Attractive. 1 foot.
- ***Elegans, Orange Queen.** Each, 40c; \$4.00 per 12; \$30.00 per 100.
 Very handsome, producing in July, large orange colored flowers with small, black spots; a strong, robust grower; very decorative in pots or borders. Height 15 to 18 inches.
- ***Giganteum (Himalaicum).** Each, \$3.00.
 The most majestic of Lilies, having stems 10 to 12 feet high when established, with large, handsome, heart-shaped leaves, and from July to August bearing immense, long, white, trumpet-shaped, sweet scented flowers. Groups of this noble Lily in woodland or wild gardens produce a grand effect. It requires to become established before flowering freely and thrives best where there is an abundance of leaf soil. Plant very shallow.
- ***Grayi.** Each, 30c; \$3.00 per 12; \$20.00 per 100.
 A native Lily with deep red flowers. One of the finest for planting in shady places. Small, rich red flowers, spotted maroon. July. Height 3 to 4 feet.
- ***Hansoni.** Each, 50c; \$5.00 per 12; \$35.00 per 100.
 Most desirable; not particular in its cultural requirements and extremely handsome in flower; does well in light loam. Plant among shrubs and low plants to protect young shoots, this being one of the earliest Lilies to appear in the spring. The stem reaches a height of 4 to 5 feet, carrying blossoms 2 inches across, regularly reflexed, the petals being of a bright orange spotted more or less with brown, of a waxy texture. June. (Color illustration, page 31).
- ***Henryi.** Each, 40c; \$4.50 per 12; \$30.00 per 100.
 A new Japanese Lily that has made a sensation in Europe. It has the same form and appearance as the speciosum varieties but the flowers are bright orange-yellow. They are as hardy as a tree. Easily grown and permanent. (Color illustration, page 32).
- ***Humboldti.** Each 60c; \$5.75 per 12; \$55.00 per 100.
 Large, handsome flowers of great substance, rich, golden yellow, spotted dark crimson, with recurved petals; very showy. Height 5 feet. July flowering. This Lily requires to be established before blooming freely and then produces as many as 20 to 30 flowers on a stem.
- ***Krameri.** Each, 40c; \$4.00 per 12; \$30.00 per 100.
 Unique for its color and grows from 2 to 4 feet high. The funnel-shaped, finely formed flowers are 6 inches or more in length and as much across, of a beautiful clear pink color, often shaded blush.
- ***Longiflorum.** Each, 60c; \$6.00 per 12; \$45.00 per 100.
 Very beautiful white trumpet-shaped flowers, suitable for pots or sheltered situations in the flower border; they thrive best in a compost of fibrous loam, leaf soil and coarse sand.





***Martagon.** Each, 45c; \$4.50 per 12; \$35.00 per 100.
A handsome Lily, bearing clusters of purple, waxlike flowers. Thrives best in partial shade. June. Height 5 feet. (Color illustration, page 31).

***Martagon album.** Each, 70c; \$6.75 per 12; \$65.00 per 100.
One of the most beautiful Lilies, producing in July handsome pyramidal spikes of very beautiful, pure white flowers, with reflexing petals of waxlike substance. Height 4 feet.

***Monadelphum Szovitzianum** (See Colchicum).

***Pardalinum (Leopard Lily).** Each, 35c; \$3.50 per 12; \$25.00 per 100.
Flowers reflexed, bright yellow at base, spotted brownish purple, remainder orange-scarlet. Height 3 to 4 feet.

***Philadelphicum.** Each, 25c; \$2.50 per 12; \$18.00 per 100.
A handsome native Lily with yellow, cup-shaped flowers, spotted maroon and shaded orange at ends of petals. Good for naturalizing. July. Height 3 feet.

***Philippinense formosanum.** Each, 25c; \$2.50 per 12; \$18.00 per 100.
A new very graceful Lily, growing 2 to 3 feet high with grassy foliage and slender stem; flowers very long and trumpet-shaped, white with reddish brown shading on exterior, tips of petals elegantly recurving. It is hardy, very fragrant and one of the loveliest of new varieties; very superior to the Regal Lily.

***Regale or myriophyllum (The Regal Lily).**
Medium bulbs. 6 to 7 inches. 20c each; \$2.00 per 12; \$15.00 per 100.
Large bulbs. 7 to 9 inches. 35c each; \$3.50 per 12; \$25.00 per 100.
Selected bulbs. 9 to 10 inches. 50c each; \$5.00 per 12; \$40.00 per 100.

It is absolutely hardy, and is excellent for forcing, and being so hardy, may be grown anywhere. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed; reminding one of the Jasmine, and lacking the heavy, oppressive odor of most Lilies. Blooms out-of-doors early in July. (Color illustration, page 31).

***Rubellum.** Each, 50c; \$5.00 per 12; \$35.00 per 100.
Beautiful small Lily. The color varies from a deep rose-pink to almost white, with yellow anthers; very fragrant, small, funnel-shaped flowers; grows 1½ feet high. It does best in light soil.

***Speciosum.** The Speciosum are the most important of the Japanese Lilies, always satisfactory. The variety here offered has large flowers of great substance, with a band running through center of each petal.

Speciosum magnificum. Magnificent large flowers of a rich rosy pink, as many as 12 on 4-ft. tall stems. (Color illustration, page 32).

***Large bulbs.** 9- to 11-inch circumference. Each, 35c; \$3.50 per 12; \$25.00 per 100.

***Mammoth bulbs.** 11- to 13-inch circumference. Each, 40c; \$4.00 per 12; \$35.00 per 100.

Speciosum album.

***Large bulbs.** 8- to 9-inch circumference. Each, 40c; \$4.00 per 12; \$30.00 per 100.

***Mammoth bulbs.** 9- to 11-inch circumference. Each, 50c; \$5.00 per 12; \$40.00 per 100.

Pure white form of Speciosum. Eight to ten flowers on 4-ft. spikes.

***Superbum.** Each, 20c; \$2.00 per 12; \$15.00 per 100.
Height 3 to 4 feet. July. Flowers bright, reddish orange, conspicuously spotted; easily grown and permanent.

***Testaceum (Excelsum or Nankeen Lily).** Each, \$1.00; \$11.00 per 12.

This is one of the finest of all Lilies. The color is difficult to describe, being a shading of dull apricot with orange-yellow anthers. A most graceful Lily and a good companion to L. Candidum. June-July. Height 5 feet. Easily grown; permanent. (Color illustration, page 32).

***Tenuifolium.** Each, 20c; \$2.00 per 12; \$15.00 per 100.
A small, slender growing Lily not more than 18 inches high, with bright scarlet flowers and recurved petals. One of the prettiest little Lilies in cultivation. Early June. Height 12 to 18 inches.

***Tigrinum Fortunei giganteum (The Giant Tiger Lily).** Each, 25c; \$2.50 per 12; \$18.00 per 100.

Remarkably handsome Lilies of easy culture, producing an abundance of large, showy, brilliantly colored flowers, lighting up the garden in August and September. Very hardy, vigorous growers. A grand, robust variety of Fortunei, having a woolly stem and producing on bold branching heads up to twenty large, rich orange-scarlet flowers spotted crimson-brown. Height 5 feet. (Color illustration, page 32).

***Tigrinum flore pleno (Double Tiger Lily).** Each, 25c; \$2.50 per 12; \$18.00 per 100.

Only double Tiger Lily worth growing.

***Umbellatum.** Each, 25c; \$2.50 per 12; \$18.00 per 100.
A very showy Lily of easy culture, bearing in June, large, handsome, rich orange flowers shaded red; very effective in shubbery and flower borders; also good pot plants. (Color illustration, page 32).

***Umbellatum, Golden Fleece.** Each, 75c; \$8.00 per 12.
A very fine variety, producing large, open flowers of a clear apricot, slightly speckled maroon-crimson; a good, strong grower. Height 20 inches.

***Umbellatum, Monarch.** Each, 60c; \$7.00 per 12.
Producing branching tiers of up to 20 or more flowers of a brilliant orange-scarlet shaded vermilion, faintly spotted; of robust growth.

***Wallacei.** Each, 40c; \$4.00 per 12; \$35.00 per 100.
A handsome Lily of a beautiful shade of apricot with rosy shading. August. Height 1½ to 2 feet.

***Washingtonianum.** Each, 50c; \$5.00 per 12; \$40.00 per 100.
A beautiful Lily from California, with large, reflexed flowers, varying in color from light to a rich wine color, slightly spotted deeper. This variety requires a moist but well-drained situation. June and July. Height 3 to 5 feet.

Lilium Candidum

(Madonna Lily)

This is the old-fashioned Madonna Lily, and one of the most beautiful. Lovely planted together with the Hardy Larkspur (Delphinium). But be very careful that you plant the right type of this beautiful Lily. There is an early flowering variety which is grown in the south of France, if planted in the garden they are prone to disease and are unsatisfactory.

- *First Size Bulbs. North of France stock.....Each, 15c; \$1.50 per 12; \$10.00 per 100
- *Large Selected Bulbs. North of France stock.....Each, 25c; \$2.50 per 12; \$20.00 per 100
- *Mammoth Bulbs. North of France stock.....Each, 40c; \$4.00 per 12; \$30.00 per 100
- *Double Nosed Bulbs. Grown in Holland.....Each, 50c; \$5.50 per 12

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





Autumn and Spring Flowering Crocus Species

Besides the Dutch Crocuses there are certain species that bloom very much earlier in the year, often before the snow has gone. The flowers of these wild sorts are smaller than those of the Dutch kinds but they are as vigorous and free as the others. Given a sunny position in the rock garden or a sheltered position in grass where the sun may encourage them freely, they will surprise you by their hardy appearance in the face of cold and storms.

Crocus Imperati, pale lilac with buff jacket, often flowers in late February, and is closely followed by Crocus Sieberi,

a fuller purer mauve sort; it has as a companion the deep rich yellow Crocus Susianus, which is even more attractive in the bud stage with its dark, rich brown flowers on the exterior of the segments. Once planted, they will take care of themselves for many years. Then comes Crocus Tommasinianus, an exquisite vasselike form, in color varying from a pale mauve to quite a rich purple. This variation is one of its great attractions. These all increase as freely as do the Dutch varieties.

Autumn-Flowering Varieties (October Flowering)

- Asturicus.** \$2.75 per 12; \$18.65 per 100.
A very showy species from the Asturia Mountains. Pale mauve to purple-lilac with darker stripes at base.
- Cancellatus Albus.** Each, 30c.
Charming white flowers, exterior grayish shaded.
- Cancellatus Cilicicus.** Each, 40c.
Lilac veined purple.
- Hyemalis.** \$2.55 per 12; \$17.65 per 100.
Many small white flowers, exterior marked with a few black lines.
- Iridiflorus (Byzantinus).** \$2.75 per 12; \$18.65 per 100.
Large, purple outer segments, inner segments pale lilac, much branched; lilac anthers, distinct and handsome.
- Laevigatus Fontenayi.** \$2.85 per 12; \$20.65 per 100.
Beautiful soft ageratum-violet flowers, exterior bronzy feathered, flowering in December.
- Longiflorus melitensis.** \$2.95 per 12; \$21.65 per 100.
Soft lilac, feathered deep yellow at base, anthers yellow; stigmata orange-red. Violet-scented.
- Medius.** \$2.75 per 12; \$18.65 per 100.
Flowers lovely rich violet, with handsome purple veining at base; stigmata rich glowing orange-red; one of the handsomest of the autumn flowering species.
- Nudiflorus.** \$2.30 per 12; \$15.65 per 100.
Flowers rich clear purple. At one time naturalized in the Midland Counties of England.
- Pulchellus.** \$2.30 per 12; \$15.65 per 100.
Lavender-blue with white anthers and orange spotted throat; a lovely species found growing in the healthy thickets bordering the Bosphorus.
- Salzmanni.** \$2.65 per 12; \$17.65 per 100.
Lilac, dark feathered, delighting in a damp soil.
- *Sativus (Saffron Crocus).** 60c per 12; \$3.65 per 100.
Habitat Italy to Kurdistan. Large flowers, purplish lilac, feathered violet, with showy orange stigmata, slightly scented. Flowering freely when established.
- *Speciosus.** 60c per 12; \$3.50 per 100.
Large bright blue flowers, beautifully veined, orange-red anthers and bright yellow throat; a very fine Autumn Crocus. (Color illustration, page 37).
- Speciosus Aitchisoni.** 75c per 12; \$4.65 per 100.
Long, handsome flowers, with sharp tapering petals, lavender, prettily feathered a darker shade and with silvery flush on outer petals. Very late.
- Speciosus albus.** \$2.25 per 12; \$14.65 per 100.
Grand pure white variety, large snow-white flowers.
- *Speciosus, Artabir.** 75c per 12; \$4.65 per 100.
Pale blue, dark feathered, large flower.
- Speciosus globosus.** 80c per 12; \$5.05 per 100.
Bright blue, very late.
- Speciosus, Pollux.** 75c per 12; \$4.65 per 100.
Pale violet-blue, exterior silvery white; very large, new.
- *Zonatus.** 60c per 12; \$3.50 per 100.
Flowers rose-lilac with yellow throat, freely produced. One of the most satisfactory kinds; easily grown indoors. When bulbs have flowered in the house they should be planted in the garden where they will establish quickly. (Color illustration, page 37).

Spring-Flowering Varieties

- Charming in the rock garden planted between Sedum or other creeping plants.
- Aureus (Moesiacus).** \$2.75 per 12; \$18.65 per 100.
Deep golden yellow.
- Aureus sulphureus concolor.** \$2.75 per 12; \$18.65 per 100.
Pale yellow.
- *Biflorus.** \$1.65 per 12; \$11.00 per 100.
White, outside purple lined. Slightly scented.
- Biflorus Adami.** \$3.20 per 12; \$25.65 per 100.
Violet-blue, exterior purple feathered, beautiful and rare variety.
- Biflorus argenteus.** 85c per 12; \$6.00 per 100.
White, violet shaded, very free.
- Biflorus pusillus.** \$2.75 per 12; \$18.65 per 100.
White, orange throat, small flowers.
- Biflorus Weldeni.** \$2.75 per 12; \$18.65 per 100.
White, outside grayish blue shaded.
- Biflorus Weldeni albus.** \$2.75 per 12; \$18.65 per 100.
White.
- Chrysanthus, E. Aug. Bowles.** Each, 40c.
Butter-yellow, outside base bronzy grey tinged, large and beautifully rounded blossoms, the most beautiful of all Crocus species.
- Chrysanthus, Fusco-Tinctus.** \$3.30 per 12; \$26.65 per 100.
Deep golden yellow, exterior brown tinged.
- Chrysanthus, Warley White.** \$2.75 per 12; \$18.65 per 100.
Pure white with golden throat, exterior dark purplish.
- Chrysanthus, Moonlight.** \$2.90 per 12; \$20.65 per 100.
Sulphur-yellow, fading to cream.
- Chrysanthus, Zwanenburg Bronze.** Each, 40c.
Deep yellow, exterior dark bronze, very fine.
- Etruscus.** \$1.65 per 12; \$11.00 per 100.
Self-colored mauve flowers.
- Fleischeri.** \$2.90 per 12; \$20.65 per 100.
White, anthers orange-red.
- *Imperati.** \$2.25 per 12; \$14.65 per 100.
A very beautiful early-flowering species. The outside petals are buff and feathered with purple lines, inside rich violet. It is one of the earliest species to open its flowers. Specially recommended.
- *Korolkowi.** \$1.00 per 12; \$7.00 per 100.
This unusually fine early species is invaluable for the rock garden, for clumps in the border or for grouping near the terrace or house and under trees. The color is brilliant golden yellow shading to orange, while exterior of the petals is shaded bronze; the very earliest of spring flowers.
- *Sieberi.** 90c per 12; \$6.50 per 100.
A charming species, delicate blue with golden throat. Flowers are produced in great profusion in early February. (Color illustration, page 37).
- Stellaris.** \$2.80 per 12; \$20.00 per 100.
Orange, exterior marked with a few black lines.

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges.





- ***Susianus (Cloth of Gold).** 65c per 12; \$4.00 per 100.
Bright golden yellow flowers, outside brown striped, produced in great profusion. Specially recommended for naturalizing. (Color illustration, page 37).
- ***Tommasinianus.** 65c per 12; \$4.00 per 100.
Pale lavender, outside silvery gray, a very charming species which blooms with numerous flowers in early spring; one of the best for naturalizing. (Color illustration, page 37).

- Tommasinianus, Whitewell Purple.** 90c per 12; \$6.50 per 100.
A charming variety with many small reddish purple colored flowers, very free.
- Vernus Albus.** \$2.90 per 12; \$20.65 per 100.
Dainty white flowers.
- ***Versicolor Picturatus (Cloth of Silver).** 70c per 12; \$4.50 per 100.
White outside, purple feathered, very pretty and free.

Crocus Vernus

Dutch Crocus

The finding of these Crocus in bloom is one of the genuine delights of life. Though we may eventually plant them by the thousands or may have been so long at gardening that little surprises us, yet that first Crocus is a

great event. And we suggest that in every garden, no matter how large or how small, there be some definite Crocus corner which we can watch during those early days of March. Prices quoted are for top size bulbs.

New Giant-Flowering Varieties

- ***Amethyst.** 70c per 12; \$4.50 per 100.
Fine porcelain, with lighter stem; very brilliant.
- ***Blizzard (Snowstorm).** 70c per 12; \$4.50 per 100.
Pure white, globular flowers of great beauty.
- ***Encelantress.** 70c per 12; \$4.50 per 100.
Clear porcelain blue, large flowers; very pleasing; early.
- ***Golden Goblet.** 80c per 12; \$5.00 per 100.
Giant golden yellow flowers in great quantities.
- Grand Lilac.** 70c per 12; \$4.50 per 100.
Pure lilac. Largest lilac flower known; early.
- ***Ivanhoe.** 70c per 12; \$4.50 per 100.
Dark violet-blue; deep and intense coloring.
- L'Innocence.** 70c per 12; \$4.50 per 100.
Pure white, large flowers in great quantities; early.
- ***Midnight.** 70c per 12; \$4.50 per 100.
Dark blue; medium early. Lovely dark variety.
- Queen of the Blues.** 70c per 12; \$4.50 per 100.
Dark blue; one of the best.
- ***Striped Beauty.** 70c per 12; \$4.50 per 100.
Lilac, striped white, early.
- Striped Queen.** 70c per 12; \$4.50 per 100.
Blue, striped white, late.

Standard Varieties

- ***Baron Von Brunow.** 60c per 12; \$3.75 per 100.
Large bluish mauve; very free flowering.
- ***Purpurea grandiflora.** 85c per 12; \$4.75 per 100.
Large purple-blue; late. Beautiful.
- King of the Whites.** 60c per 12; \$3.75 per 100.
Large, white. One of the best whites.
- ***Maximilian.** 60c per 12; \$3.75 per 100.
Very large, pure porcelain blue; very delicate.
- ***Mont Blanc.** 60c per 12; \$3.75 per 100.
Pure white. Fine standard variety.
- ***Mammoth Yellow.** 65c per 12; \$4.00 per 100.
Golden yellow flowers in abundance.
- ***Sir Walter Scott.** 60c per 12; \$3.75 per 100.
White, striped lilac.

- ***Mixed Colors of the Standard Varieties. No. 1 size.** 60c per 12; \$3.00 per 100.
- ***Mixed Colors of the New Giant-Flowering Crocus.** 65c per 12; \$4.00 per 100.

Colchicum - Meadow Saffron

(Giant Autumn-Flowering Crocus)

Colchicum are autumn-flowering bulbs with large Crocus-like blossoms which appear during the months of September and October, without foliage. The foliage, however, appears early in the spring about the same time the Tulips and Hyacinths are in bloom and disappears in June. They are especially recommended for planting between the taller growing rock plants such as Cerastium, Vinca, Pachysandra and the various Sedums, where their bold, checkered Cro-

cus-like blossoms are seen to the best advantage. Blooming in September and October when flowers in the rockery are scarce, they are especially valuable. They may be also planted in the open woods or in naturalistic plantings of any sort. The bulbs, if kept indoors, will bloom during September and October in the window without any earth or water and after blooming, the bulbs may be planted in early November outdoors, and will not suffer in the least.

- Agrippinum (Parkinsoni).** Each, 40c.
Checked rosy purple.
- ***Autumnale.** Each, 25c; doz., \$2.50.
Commonly called the Autumn Crocus; very free-flowering; of easy culture.
- Autumnale alba.** Each, 30c; doz., \$3.25.
Pure white, increasing fast; free-flowering.
- Autumnale alba plena.** Each, \$1.50.
Large, double white flowers.
- Autumnale major.** Each, 30c; doz., \$3.25.
A large variety with massive flowers of rosy purple.

- Autumnale rosea plena.** Each, 30c; doz., \$3.25.
Double, rosy lilac flowers.
- ***Bornmuelleri.** Each, 40c; doz., \$4.50.
Fine cup-shaped, long-tubed flowers of rosy lilac coloring; one of the finest species; early flowering.
- Gigantenum.** Each, 45c.
Large, soft violet, white center, late flowering.
- ***Speciosum.** Each, 30c; doz., \$3.25.
Deep rose-purple; very large, stout and fine.
- Speciosum album.** Each, \$1.50.
White, very large.

NEW HYBRID VARIETIES OF COLCHICUM — All Noted for Their Exceptionally Large Blooms.

- Autumn Queen.** Each, 50c.
Finely blotched on rich violet-mauve ground.
- Mr. Kerbert.** Each, 50c.
Pale violet, very large.
- Violet Queen.** Each, 60c.
Deep purplish violet, white center, extra fine variety.
- Lilac Wonder.** Each, 50c.
Uniform violet-mauve, most free-flowering.
- Conquest.** Each, 60c.
Dark violet.
- President Coolidge.** Each, 45c.
Light violet, very large.

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





Colchicum Speciosum.
See page 36.



Autumn Flowering Species,
Longiflorus Melitensis.
See page 35.



Colchicum Bornmuelleri.
See page 36.

Late Winter Flowering Crocus,
Tommasinianus.
See page 36.



Late Winter Flowering Crocus,
Sieberi.
See page 35.



Autumn Flowering Species,
Crocus Speciosus.
See page 35.

Late Winter Flowering Crocus,
Susianus.
See page 36.



Autumn Flowering Species,
Crocus Pulchellus.
See page 35.



Autumn Flowering Species,
Crocus Zonatus.
See page 35.



Menelik.



General De Wet.



Grand Maitre.



City of Haarlem.



L'Innocence.



Lady Derby.



Marconi.



Queen of the Blues
growing in Wayside Gardens bulb fiber. Sixteen-
to seventeen-centimeter bulbs were used.



King of the Blues.



Electra.



Perle Brilliant.



Supreme Hyacinths for Exhibition

No one would have expected that our old Mother Earth contained such entrancing fragrance had not Hyacinths, by some miracle of alchemy, revealed it to us.

Here, too, we have it combined with the widest possible range of color, and even with flowers of the truest blue—in every shade—the very rarest combination.

They open to greet us before the new spring dawns, if we but give them a share of our garden, and pour out their incense as if in token of their gratitude and thanks for their deliverance from a long imprisonment.

Of importance to us all is the greatly reduced price of Hyacinths. We hope you will take advantage of the opportunity by planting them freely.

	Each	12	100
Largest Bulbs for Forcing and Indoor Culture. 19 centimeters or over, except where noted ..	\$0.20	\$2.00	\$16.00
Smaller Bulbs for Indoor or Outdoor Culture. 17 to 18 centimeters, except where noted ...		1.80	12.00

Albatros (Arentine Arendsen).

One of the finest whites; long spikes with large, snowy white bells. Early, fine for forcing and a good bedder.

*City of Haarlem.

The finest of the yellows. Well-formed trusses of orange-yellow bells. An excellent variety.

*Duke of Westminster.

Deep purplish blue, large bells with white center. A striking and outstanding variety, universally liked.

Dr. Lieber.

Lavender-blue, shaded violet, the general effect being deep blue. Bears large, compact spikes.

*Electra.

Light, silvery blue with immense, well-filled spikes. Early and one of the finest light blue Hyacinths.

Forget-me-not (Myosotis).

An even tone of light blue; well-filled spike of large, substantial bells. A fine Hyacinth.

*General de Wet.

Lively light pink with a lighter center; large trusses with good sized bells. Fine for forcing or bedding.

*Grand Maitre.

Deep blue with long, compact spikes of large bells, on strong stems. One of the most popular blues.

Heraut.

19 centimeters, 30c each; \$3.00 per 12; \$23.00 per 100.
17-18 cm., 25c each; \$2.75 per 12; \$20.00 per 100.
A fine new Hyacinth. It flowers quite early, heavy spikes of clear rosy pink blooms.

Ivanhoe.

19 centimeters, 30c each; \$3.00 per 12; \$23.00 per 100.
17-18 cm., 25c each; \$2.75 per 12; \$20.00 per 100.
The bluest and most satisfactory of the dark shades. A great improvement over King of the Blues. Late flowering, excellent for bedding or forcing.

*King of the Blues.

Dark violet-blue; splendid large trusses. One of the best known blue Hyacinths.

*Lady Derby.

Beautiful clear rose-pink, with large, compact trusses. Early and fine for forcing and bedding.

*La Grandesse.

Pure white with fine, compact spikes. The best late forcing variety and fine for bedding as well.

*L'Innocence.

This is the most satisfactory all-around pure white. Compact spikes with large bells. Does well anywhere.

*La Victoire.

Shiny carmine-red, with large, well-filled spikes. A splendid bedder where brilliant color is required.

Mont Rose.

19 centimeters, 30c each; \$3.00 per 12; \$23.00 per 100.
17-18 cm., 25c each; \$2.75 per 12; \$20.00 per 100.
A fine clear rose-pink bloom, good stem and habit, considered by many better than Lady Derby.

*Marconi.

Bright deep rose; short, broad trusses, borne on stiff stems. A good forcer but particularly fine outdoors.

*Menelik.

Very dark, almost purple; well-formed trusses. A splendid bedder and good for forcing.

*Perle Brilliant.

Light blue, tinged lavender; splendid spikes with large, substantial bells. A fine Hyacinth.

Pink Pearl.

19 centimeters, 40c each; \$4.00 per 12; \$30.00 per 100.
17-18 cm., 30c each; \$3.25 per 12; \$27.00 per 100.
A fine improvement over Gertrude. It is far superior in every way. As an indoor flower or in the garden it leaves nothing to be desired.

*Queen of the Blues.

Clear, light porcelain blue; a strong variety with large, well-formed trusses. One of the best of its color.

*Queen of the Pinks.

A very lovely pink; trusses broad and large, with good sized bells and strong stems.

Queen of the North.

19 centimeters, 30c each; \$3.00 per 12; \$23.00 per 100.
17-18 cm., 25c each; \$2.75 per 12; \$20.00 per 100.
One of the finest whites, long spikes with large snowy white bells. Excellent for forcing or bedding.

*Yellow Hammer. Creamy yellow; compact spikes and large bells.

Hyacinths in Separate Colors

For places where a mass of color is required and it is not necessary that a particular variety be used, we recommend the medium sized Hyacinth bulbs often called Bedding Hyacinths. They are splendid bulbs that will bloom magnificently.

These Hyacinths should be planted from 6 to 8 inches apart. Where the beds are planted to be viewed from a distance, they may be planted 10 inches apart.

*Light Blue Bedding Hyacinths. 16 to 17 centimeters.

*Dark Blue Bedding Hyacinths. 16 to 17 centimeters.

*Pink Bedding Hyacinths. 16 to 17 centimeters.

*Red Bedding Hyacinths. 16 to 17 centimeters.

*White Bedding Hyacinths. 16 to 17 centimeters.

*Mixed All Colors and Shades. 16 to 17 centimeters.

Prices, All the Above:

\$1.20 per 12. \$9.00 per 100. \$85.00 per 1000.

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.

French Roman Hyacinths

The flowers are delightfully fragrant and each bulb will throw up from 3 to 5 spikes. For forcing, 4 bulbs are generally planted in a 5-inch pan. Because of their early flowering and ease of growth, they are successfully grown in bowls with pebbles in the same manner as Paper-White Narcissi. Flowers may be had from December until March if plantings are made in succession.

*White.

\$1.20 per 12; \$9.00 per 100.

Until this year the price of the White French Roman Hyacinth has been quite high. We are glad to be able to offer this attractive early, indoor-flowering Hyacinth again at a very moderate price. Mammoth bulbs.

Roman Hyacinths, as well as Paper-White Narcissi are very easily grown in Wayside Gardens bulb forcing fiber.





Miscellaneous Bulbs

For the Garden, Rock Garden and Naturalistic Planting

Allium

Alliums are very attractive bulbous plants, producing erect bare stems with globular heads of flowers, somewhat resembling the Blue-lace flower or Bunch Primrose. Perfectly hardy, easily grown, and well adapted to rock gardens. Thrive in almost any soil in sunny situations.

- Acuminatum.** 85c per 12; \$6.25 per 100.
Upright heads of bright red flowers. Height 10 to 12 inches.
- ***Cernuum.** \$1.00 per 12; \$7.75 per 100.
Wide flat foliage and nodding heads of clear pink flowers. Very fine. Height 10 to 12 inches.
- Falcifolium.** 70c per 12; \$4.75 per 100.
Three inches high, with large umbel of rosy purple flowers.
- ***Neapolitanum.** 80c per 12; \$6.00 per 100.
Producing in May to June numerous heads of graceful white flowers, prized for cutting; it is also a charming plant to naturalize in shady woods, associated with the blue wood Scilla. Height 15 inches.
- Pink Species.** 70c per 12; \$4.75 per 100.
Not identified but it is one of the prettiest. Four to six inches high, with pink flowers, tinted lavender.
- ***Unifolium.** 70c per 12; \$4.75 per 100.
Six to ten inches high, with a handsome umbel of rosy pink flowers.
- Validum.** \$1.00 per 12; \$7.75 per 100.
Unlike the others, this must have moist situation. One of the most beautiful and ranks with the best of bulbous flowers. Abundant grassy foliage. Stems a foot to 2 feet high, with showy rose-colored flowers. Makes a large clump in time.

Amaryllis

- ***Hippeastrum, Giant Hybrids.** Each, 65c; \$6.50 per 12.
There is nothing that will give the amateur greater pleasure for growing in the house than these giant-flowering Amaryllis that are so easily managed. The strain we offer is the finest; strong bulbs throwing vigorous stems with 4 to 6 gigantic blooms of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson and bright red. We can supply in mixture only. Delivery from November until April of giant bulbs guaranteed to bloom.
- ***Halli lycoris squamigera.** Each, \$1.00; \$10.00 per 12.
Produces in early spring attractive green foliage which grows until July when it ripens and disappears. About a month later, as if by magic, the flowerstalks spring from the ground to a height of 2 to 3 feet, developing an umbel of large, lily-shaped flowers, 8 to 12 in number, of a delicate lilac-pink shade. The bulb is perfectly hardy; must be planted in fall. Cover crown about 4 inches.

Anemone

(Half Hardy—Must Have Protection)

These popular flowers of French origin are exceedingly brilliant when in flower and excellent for cutting. They like to be planted about 6 inches deep in a cool, moist but well-drained soil. They will establish without any

- ***St. Brigid.** 85c per 12; \$6.25 per 100.
These are the popular Anemone so frequently seen in the florists' shops in the early spring. The flowers are unusually large, with a wide range of rich and brilliant colors. (Color illustration, page 43).
- ***De Caen.** 70c per 12; \$4.75 per 100.
The plants are taller in growth than the St. Brigid and more single. They contain many fine shades of blue, white, and scarlet. (Color illustration, page 43).

Babiana

- Stricta, Mixed Shades.** 75c per 12; \$5.65 per 100.
An interesting bulbous flower sometimes called the Blue Freesia, for it is rather similar in both flower and culture. The colors vary from gentian-blue to wine-purple. They reach a height of about 8 to 10 inches. For Northern climates they should be grown like the Freesia for living room or conservatory decorations, but in mild climates they should be used in the rockery where they make magnificent brilliant masses of color.

Brodiaeas

(Hardy—Give Light Protection)

Small bulbs producing grassy leaves near the ground, and very slender but stiff naked stems bearing a head of waxy flowers of great lasting quality. Their culture is the same as for Narcissi and just as easy as for that flower. They are easily naturalized in almost any soil. Plant them about 3 inches deep and leave them alone. They are especially happy under oak and deciduous trees, in the rock garden, or in rough, gritty soils.

- Capitata.** 70c per 12; \$4.75 per 100.
There are several species of Brodiaea called California Hyacinths, and a good one is Capitata. The stem is slender, capped with a head of violet-blue flowers. They revel in hot, dry places among rocks or in grit, and flower very early.
- Coccinea.** \$1.25 per 12; \$9.25 per 100.
Tall, slender stem capped with dazzling crimson flowers. Prefer a loose, gritty soil; beautiful for the rockery.
- Grandiflora.** 70c per 12; \$4.75 per 100.
Has a few large, glossy purple flowers of much beauty and great lasting qualities. The bulbs can be naturalized in any clay soil, especially if moist.
- Hendersoni.** \$1.00 per 12; \$7.75 per 100.
Bears many flowers in an umbel. The ground color is light with a deep purple band down the center of each petal.
- Ixioides.** 85c per 12; \$6.25 per 100.
Called "Golden Star," has an umbel like Hendersoni but with flowers of a fine golden yellow on stems 6 to 8 inches high.
- Lactaea.** 70c per 12; \$4.75 per 100.
Has a close umbel of milky white flowers.
- Laxa.** 85c per 12; \$6.25 per 100.
Is known as Blue Milla, and has a many-flowered umbel of fine blue flowers. It is one of the best for naturalizing.
- ***Mixed Varieties.** 70c per 12; \$4.75 per 100.
This mixture contains all the sorts listed in this collection and is good for naturalizing.

trouble and remain for years. For Northern states we advocate early spring planting, for the Southern section of the country, fall planting is best. Cover in winter with strawy manure.

- His Excellency.** 70c per 12; \$4.75 per 100.
A grand variety bearing flowers measuring as much as 3 inches across, of the most vivid velvety vermilion, with glistening silvery white base and a handsome blue-black central boss. Height 1 foot.
- Apennina.** \$2.25 per 12; \$15.00 per 100.
Beautiful single bright blue flowers, a gem for the rock garden or shady border. Height 1/2 foot.





Calla - Richardia

Bulbs should be set with the crown, or top, protruding just above the surface. When in growing condition, warm water given several times during the week will hasten the flowering period and increase the number of blooms. Plant but one in a pot. We call especial attention to the Yellow Calla, which is one of the grandest varieties in cultivation, and most valuable for house or conservatory decoration. Plant Callas indoors in the late fall of the year. In April or May dormant bulbs may be planted near the pool in a sunny spot where they will flower beautifully in August or September.

***Elliottiana (Yellow Calla).** Each, 35c; \$3.50 per 12. One that should be planted extensively. The deep golden yellow flowers are truly magnificent and produced in abundance. The green foliage is spotted white, which adds to its beauty; lovely house plant as well as garden subject. (Color illustration, page 47).

***Godfrey (White Calla).** Each, 30c; \$3.00 per 12. Most ornamental foliage if grown near pool where it will get plenty of water.

Calochortus

(Hardy—Give Slight Protection)

Until one has seen a good collection of these plants, he has no idea how much Nature can do in the variation of one flower. All Mariposas are forms of Calochortus, yet there are several strains, all with the slender grace of stem belonging to the species. Cup-shaped flowers, one to many on a stem, wonderfully marked with eyes and dots and pencilings in rich colors, are characteristics. Yet each strain carries out the plan on a color scheme of its own, and then can be compared only with the orchids in wonderful variability of beauty. "Mariposa" is simply the Spanish word for butterfly, and is applied to these Tulips because the eyes and markings of the flowers are so much like those on a butterfly's wings. The bulbs are small and should be planted about 2½ inches deep and covered during winter. (Color illustration, page 44).

Vesta. \$1.25 per 12; \$9.25 per 100. White, flushed with lilac or rosy purple; red at center and purple on backs of petals.

Venustus citrinus. \$1.00 per 12; \$7.50 per 100. Deep, rich yellow with black center.

***Finest Mixed Colors.** 70c per 12; \$4.75 per 100. This is a lovely mixture containing many varieties; planted in a sheltered spot in the rockery they will make a charming lot of color.

Camassia

(Hardy)

There are few bulbous plants that meet climatic or soil conditions better or give a more attractive bloom. They are hardy without protection, and thrive either under ordinary garden conditions or when naturalized in open, moist woods or in not too dense a grassy growth. The flower stems are 3 to 4 feet high with as many as a hundred star-shaped flowers measuring 1½ inches across and flowering in long succession.

***Esculenta.** 70c per 12; \$4.50 per 100. Very showy in mass plantings. Forms flower spikes 2 feet high, bearing a cluster of star-shaped flowers of a very fine, rich purple. Plant 4 inches deep. Extra heavy bulbs.

***Leichtlini.** \$1.25 per 12; \$9.00 per 100. Same as above but stronger grower, flowers are larger and come in various hues of blue and creamy white. Extra heavy bulbs. (Color illustration, page 43).

Chionodoxa - Glory-of-the-Snow

(Hardy—Give Slight Protection)

A mass planting forms one of the most sumptuous displays of floral beauty, a mass of blue and white, intense and brilliant. They bloom at the time of the Crocuses, producing dwarf flower spikes, bearing from 12 to 15 flowers of a sky-blue with a pure white heart, creating a lovely effect. They should be planted in the fall, 3 inches deep, about 18 bulbs to a square foot, in a sunny location or in half shade and in places where they can remain undisturbed for a number of years. The flowers will cross with one another and will seed themselves, forming natural colonies. All are 6 to 7 inches high, therefore, excellent in the rockery as well.

Standard Varieties

***Luciliae.** 60c per 12; \$3.00 per 100. Bright blue, white center. Flowers often with 6 to 8 blooms on each stem. Top size bulbs. (Color illustration, page 47).

***Sardensis.** 60c per 12; \$3.25 per 100. Same as above with true gentian-blue flowers.

Rare and Unusual Varieties

Gigantea (Alleni). 75c per 12; \$4.75 per 100. Large light blue flowers.

Gigantea alba. \$2.55 per 12; \$18.50 per 100. Rare variety with large snowy white flowers.

Luciliae alba. \$1.65 per 12; \$11.25 per 100. A very beautiful pure white variety of the Luciliae.

Luciliae rosea. \$1.65 per 12; \$11.25 per 100. A fine variety with pink flowers of the Luciliae form.

Tmoli (Tmolusi). 90c per 12; \$6.25 per 100. Bright blue and white, flowers later than Luciliae and is very useful for prolonging the flowering season of these charming bulbs.

Eranthis - Winter Aconite

(Hardy—Give Slight Protection)

Plant Bulbs Immediately Upon Receipt

These produce about 2 weeks before the Crocuses are in bloom, little yellow flowers like Buttercups about 3 inches above the ground, with settings of fine green, frilled collars which never seem to mind the worst of weather conditions. Will thrive under trees where few other plants can hold their own. They seed themselves freely and colonies from self-sown seed are soon formed. Plant at once upon receipt, firmly, 2 inches deep in shade or full sun, about 18 bulbs to a square foot.

Standard Varieties

***Hyemalis.** 60c per 12; \$3.50 per 100. The common Winter Aconite, clear yellow, very early. Good for the rock garden, under Sedums or under trees. Plant bulbs at once when received. (Color illustration, page 43).

Rare and Unusual Varieties

Cilicica. 65c per 12; \$4.00 per 100. Deep yellow flower, foliage bronzy and finely cut; lovely rock garden variety.

Tubergeni. \$2.60 per 12; \$19.00 per 100. Beautiful new hybrid, raised in our nursery, with large shiny, golden yellow flowers. As the flowers are sterile, they last a considerable time in beauty.

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges.





Eremurus

A noble family of hardy plants, most delightful and desirable for stately and colorful groups in large plant borders and shrubberies. They are perfectly hardy, and when well established, produce dozens of giant flower spikes, like huge Hyacinths, attaining a height of from 6 to 10 feet, the flower spike (comprising several hundred flowers) being from 2 to 3 feet long. They thrive in any sunny, well drained border. They should be planted in early fall only.

- ***Bungei.** No. 1 size, each, 80c; top size, each, \$1.00. Vigorous, enormous spikes of widely expanded flowers of clear yellow. Six feet high.
- ***Elwesianus.** No. 1 size, each, \$2.00; top size, \$2.50. Beautiful, delicate pink flowers, thickly set in tall, noble and stately spikes, 8 to 10 feet high.
- ***Elwesianus albus.** No. 1 size, each, \$1.60; top size, \$2.00. Pure white flowers similar in form and height to the preceding. A magnificent novelty.
- ***Himalaicus.** No. 1 size, each, \$1.50; top size, \$1.80. Waxy white flowers with golden anthers, developing huge stems and flower spikes. 8 to 10 feet.

These wonderful, gigantic flowering plants do not require a great depth of soil, as the fleshy roots spread outwards. The plant disappears above ground after flowering and annuals may be planted close to them to fill the vacant space. A light mulching is advised as a winter protection.

The following list includes some of the finest and rarest in commerce, all flowering in July. No. 1 size roots not guaranteed to bloom first year.

- ***Robustus.** No. 1 size, each, \$2.00; top size, \$2.50. Rosy pink flowers in a spike 3 to 4 feet long, standing on an 8- to 10-foot stem. One of the finest in the group.
- Shelford.** No. 1 size, each, \$1.60; top size, \$2.00. Coppery yellow inside, tinted ruddy bronze outside. Flowers arranged close together on an 8-foot spike.
- Tubergeni.** No. 1 size, each, \$2.50; top size, \$3.25. Light yellow, flowers densely packed in the 7-foot spike.
- Warei.** No. 1 size, each, \$3.25; top size, \$4.25. A grand, tall hybrid, the inflorescence 3 feet long, studded with myriads of coppery pink flowers, shot with bronze. Rare and richly colored. 8 feet.

Erythronium - Trout Lilies

These are charming woodland plants, producing in early April, small lily-like flowers of which the colors run in delicate tints of white, pink, cream, bright yellow and rose. They thrive in wooded places under shrubs and in shaded

- ***Californicum.** 80c per 12; \$6.25 per 100. Cream colored, often with 4 or 5 flowers on the stem. Leaves richly mottled. A large colony is a beautiful sight.
- ***Citrinum.** 80c per 12; \$6.25 per 100. A native of Southwestern Oregon; is rather stouter in habit than the last; flowers creamy at the outside, citron center.
- ***Grandiflorum robustum.** \$1.00 per 12; \$7.75 per 100. A most distinct species, usually found in the mountains of the West. The leaves are not mottled but a plain green. The flowers are of the brightest buttercup-yellow.

corners or crevices of the rockery. Their beauty is enhanced by their richly mottled leaves. They like a light, rather moist but well-drained soil. Plant the corms about 3 inches deep. All grow about 6 to 7 inches high.

- ***Hendersoni.** 80c per 12; \$6.25 per 100. Like Californicum but the flowers are a lovely light purple, with the centers a deep maroon, almost black.
- ***Hartwegi.** 80c per 12; \$6.25 per 100. A lovely Erythronium. With the stout habit of this group, it has exquisite rose-pink flowers.
- ***Revolutum Johnsoni.** 95c per 12; \$7.25 per 100. The most beautiful of all the Erythroniums. A stout plant producing exquisite rose-pink flowers.
- ***Mixed.** 75c per 12; \$5.50 per 100. This mixture is made up of the above named varieties and many others. Splendid for naturalizing and for rock garden in light shade. (Color illustration, page 44).

Giant Freesias

Without doubt the most sweetly scented flower grown; a single bloom permeates the living-room with its delicate perfume. Although they are quite popular and very easily raised, we would suggest the following treatment:

Procure the bulbs as early as possible and plant them in successive batches from August to October, using from 6 to 25 bulbs for a single pan. The soil should be a mix-

- Elder's Giant White.** 75c per 12; \$4.75 per 100. Giant pure white flower on long stem. The largest white Freesia on the market. At many of the leading flower shows this Freesia received first prize.
- ***Golden Daffodil.** 60c per 12; \$3.75 per 100. This variety may best be described as a rich daffodil-yellow color, such as is seen in the popular Daffodil, King Alfred. The flowers are large, well formed, and are borne on long, stiff stems.
- ***Mrs. Marc Peters.** \$1.10 per 12; \$8.15 per 100. Very attractive deep rosy salmon with splendid clear color. Extra-strong, vigorous growth and long, sturdy stems make it a valuable cut flower.
- ***Purity.** 50c per 12; \$3.05 per 100. A magnificent, snowy white; of very large size and

ture of good loam. The bulbs planted early, say August and September, may be placed outdoors until cold weather sets in; of course they must be regularly watered and kept growing all the time. In November, before frosts appear, the pots should be placed in the window of a cool room. The foliage of the Freesias is slender and must be supported with light stakes placed around the outer edge of the pans.

- great length of stem. A truss bearing from 8 to 10 buds, of which six are often open at one time. Jumbo bulbs.
- ***Chas. Pike.** 60c per 12; \$3.75 per 100. Very good violet shade; good grower with large flowers; highly recommended, delightfully fragrant.
- Sunset.** \$1.25 per 12; \$9.25 per 100. An entirely new color in Freesias, being a flame-orange, reminding one of the glorious sunsets of California. This variety was the greatest attraction in the field during the flowering season.
- ***Mixed Colors.** 50c per 12; \$3.25 per 100. A lovely mixture made up out of many varieties. All the shades of the rainbow. (Color illustration, page 47).

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





Eranthis Hyemalis.
See page 41.



Scilla Sibirica.
See page 49.



Anemone De Caen and St. Brigid,
Poppy Anemones.
See page 40.



Camassia Leichtlini.
See page 41.



Galanthus Nivalis.
See page 45.



Erythronium—Trout Lilies.
See page 42.



Calochortus in mixed colors.
See page 41.



Fritillaria Imperialis.
See page 45.



Fritillarias

Fritillaria - Guinea Hen Flower

(Hardy)

Fritillarias are lovely bulbous plants for rock garden or indoor culture. The stems are leafy and most graceful, with many pendent, bell-like flowers. One species found in Southern California is called "Mission Bells," while in other places local species are called Brown or Chocolate Lilies.

Standard Varieties

***Meleagris.** 60c per 12; \$4.00 per 100.
These produce in early April dwarf, pendent, reddish brown and purple bell-shaped flowers in curiously checkered shades, on stems 12 inches high. They are very effective in colonies, requiring a somewhat dry situation. Invaluable for the rockery, for naturalizing and very lovely grown in pans indoors; use same culture as for Freesia.

***Meleagris alba.** 70c per 12; \$4.50 per 100.
This is the pure white form of this interesting type described above. Twelve inches high.

Rare and Unusual Varieties

Meleagris, Aphrodite. \$2.30 per 12; \$15.25 per 100.
A very fine strong growing variety with large white flowers, quite a little better than the common Alba. Fourteen inches high.

Meleagris, Artemis. \$2.30 per 12; \$15.25 per 100.
Flowers greyish purplish checkered, very fine variety. Fourteen inches high.

Fritillaria Imperialis

(Crown Imperials)

The So-called Kaiser Crown

The Crown Imperials with their stately gracefully drooping flowers should not be missed in any garden. They want a good soil, much sun and can be left undisturbed for years. Must be planted as early as possible and have to be carefully protected against sharp winds, as the tall plants grow 4 feet and more high. They are real "Grandmother's favorites" and should be in every hardy border or old-fashioned flower garden. (Color illustration, page 44).

Standard Variety

***Aurora.** Each, 35c; \$3.50 per 12; \$25.50 per 100.
Red-orange. This is the common Kaiser Crown. Height 30 inches.

Rare and Unusual Varieties

Foliis argenteis vittatis. Each, 60c.
Beautifully silvery striped leaves with orange-red flowers. Height 30 inches.

Maxima, Red. Each, 35c; \$3.50 per 12; \$26.00 per 100.
Robust and strong growing variety with large, orange-red flowers. Height 34 inches.

***Maxima, Yellow.** Each, 60c.
Large yellow flowers of robust growth and a fine garden plant. Height 34 inches.

Orange Brilliant. Each, 40c.
Orange-brown, heads with large flowers, very fine strong and robust growing variety which we can recommend as one of the best. Height 36 inches.

Fritillaria - Mission Bells

The true Mission Bells do better in a clay soil in full sun. The woodland Fritillarias like woodland soils and condi-

Rare and Unusual Varieties

***Lanceolata.** \$1.20 per 12; \$9.00 per 100.
Grows from 1½ to 3 feet high. The flowers are green and brown mottled prettily, produced on top of the stem, a most attractive variety.

***Recurva.** \$1.75 per 12; \$12.00 per 100.
Is as beautiful, and much resembles a Lily. In size and habit like Lanceolata with orange-scarlet flowers of a lovely clear brilliant coloring.

tions, and in cultivation some shade and a free soil. They are hardy as far north as Wisconsin.

***Pudica.** \$1.75 per 12; \$12.00 per 100.
Of still a different habit. A low plant about 6 inches high with a single clear bright yellow bell. Likes sandy or loose soils and a warm spot in the rockery where you will enjoy it immensely.

***Mixed Varieties.** \$1.00 per 12; \$7.25 per 100.
This mixture is made up of Mission Bells and varieties of Meleagris, and would be very interesting in the rockery.

Galanthus - Snowdrops

Snowdrops belong to the most beloved early flowering spring bulbs. They require very little attention, and can remain undisturbed for years and years. They like rather moist and cool soil. To get a lovely effect they must be

Standard Varieties

***Nivalis.** 70c per 12; \$4.75 per 100.
This is the old-fashioned favorite. Its lovely white nodding blooms are out before the frost is out of the ground; one of the lovely bulbs that tell us spring is almost here. A group naturalized in the shade of shrubs or under trees is worth while. Once planted they remain for a lifetime. (Color illustration, page 43).

Nivalis flore pleno. 85c per 12; \$6.00 per 100.
Double form of the common Snowdrop, requiring same care.

***Elwesi.** 75c per 12; \$4.75 per 100.
This is a larger type than the old-fashioned Galanthus Nivalis and comes from Southern Europe. It is a very fine kind for the warm parts of the United States where the common Snowdrop does not do so well.

planted thickly, while they can be grown under trees and shrubs, in woodlands and in lawns. In the latter case, the lawn should not be mown before the leaves are withered, or next year's blooms may be spoiled.

Rare and Unusual Varieties

Byzantinus. \$1.65 per 12; \$11.25 per 100.
The Byzantine Giant Snowdrop, broad shiny leaves like Galanthus Plicatus and large snow-white globular flowers. Very early flowers; in mild winters we often have flowers here in January. It requires a somewhat sheltered position. May be gently forced in pots.

Nivalis Maximus. \$1.20 per 12; \$8.75 per 100.
Strong growing, large flowered form of the Nivalis.

Nivalis Viridi-apice. \$1.20 per 12; \$8.75 per 100.
Green tipped petals, large flowers on strong stem.

Plicatus. \$2.20 per 12; \$14.25 per 100.
The great Crimean Snowdrop, broad plicate leaves and large globular pure white flowers.

No Other Varieties Except Those Preceded by a Star (*) are Carried in Stock in the Autumn.





Ixia - Corn Lilies

These beautiful bulbs from the Cape Colony (South Africa) are far too little known; they should be planted in late autumn and in cold districts they must be covered with a thick layer of straw or leaves. They are splendid for southern states. There are few bulbs so lovely and graceful and those fortunate enough to live where the climate is mild should plant them by the hundreds.

- Afterglow.** \$1.00 per 12; \$7.25 per 100.
Orange-buff, dark center, exterior bronzy, a most distinct and attractive variety, quite distinct from any other.
- Althea.** 75c per 12; \$4.75 per 100.
White, purple eye.
- Azurea.** \$1.85 per 12; \$12.25 per 100.
Blue, purple center.
- Crateroides Major.** \$1.00 per 12; \$7.25 per 100.
Deep pink, dwarf and early.
- Hogarth.** 75c per 12; \$4.75 per 100.
Creamy yellow, purple eye, large flower, very fine.
- Hubert.** 75c per 12; \$4.75 per 100.
Coppery red with violet shade, very free flowering.
- King of the Yellows.** \$2.20 per 12; \$14.25 per 100.
Finest yellow, brownish center.
- Viridiflora.** \$2.90 per 12; \$20.65 per 100.
Light green, purple eye, very rare.
- Vulcan.** 75c per 12; \$4.75 per 100.
Scarlet, shaded orange.
- Wonder.** 75c per 12; \$4.75 per 100.
Brilliant pink, double flowers.
- *Mixed.** 60c per 12; \$3.50 per 100.
This mixture is made up of the above named varieties.

Leucojum - Snowflakes

- *Aestivum (Summer Snowflake).** 85c per 12; \$6.50 per 100.
A very handsome, hardy, robust growing plant, producing spikes of elegant drooping white flowers in May. Greatly prized for cutting, on stems about 14 to 18 inches high. Same culture as for Narcissi.
- *Vernum (Spring Snowflake).** 85c per 12; \$6.50 per 100.
This is one of the earliest and most attractive spring flowers. Growing from 6 to 8 inches high they bear dainty nodding flowers which are white, tipped with green. Plant in early fall in a good, light, well-drained soil 4 or 5 inches apart in masses or bold clumps, 2 inches deep. If left alone will bloom year after year.

Leucocoryne - Glory-of-the-Sun

- Ixioides odorata.** Each, 25c.
Flowers exquisite light blue on tall, wiry stems and of very long-lasting quality, with faint heliotrope fragrance; for greenhouse culture or outdoors in warm states. March and April flowering.

Nerine

- *Sarniensis (Guernsey Lily).** \$1.50 per 12; \$10.00 per 100.
From 10 to 20 flowers are borne on slender scapes 1 to 1½ feet high in the early autumn. They are bright crimson in color, about 1½ inches across; the sickle-shaped segments being scarcely crisped; filaments are bright red. The leaves appear after the flowers. They are easily grown indoors in the North, but in the South, may be grown outdoors in ordinary good garden soil.

Muscari - Grape Hyacinths

Muscari are charming spring-flowering subjects. They can grow under trees and shrubs and also do well in full sun in the border or at a sunny spot of the rockery, without any special attention. They are best planted immediately on receipt and can remain undisturbed for years.

They are absolutely hardy and some varieties are delicately fragrant. Botryoides, Azureum and Armeniacum are beautiful when forced in the house, same culture as Freesia; while Plumosus is always a source of great interest. All are about 5 inches high.

- *Botryoides coeruleum.** 60c per 12; \$3.75 per 100.
Bright blue, very free-flowering at the time of the Crocuses. This is the common blue Grape Hyacinth and fine in the rockery. Foliage is more compact, is better for the rockery than Hyacinth Botryoides. (Color illustration, page 48).
- *Botryoides album.** 70c per 12; \$5.00 per 100.
This is the white form which is very pretty planted with the blue variety of this type.
- *Heavenly Blue.** 60c per 12; \$3.50 per 100.
While there are several kinds of Muscari we consider this variety the best for mass planting. Their flowers open just about the time that the Crocuses are going. They do well in the wild garden and also in grass not too rank. They are nice under trees and along borders where they may be left undisturbed. (Color illustration, page 48).
- *Plumosum (Plume Hyacinth).** \$1.00 per 12; \$7.50 per 100.
Bearing in May, handsome feathery plumes of violet-colored flowers; very attractive. Height 7 inches. A most unusual and fascinating flower.

Rare and Unusual Varieties

- Armeniacum (Early Giant).** 65c per 12; \$4.50 per 100.
Deep cobalt-blue flowers, producing many spikes with larger flowers than Heavenly Blue. Excellent for forcing and massing; wonderfully fragrant.
- *Azureum.** 75c per 12; \$5.00 per 100.
Bright blue, flowering in February; valuable early spring flowers, also fine for forcing in January. (Color illustration, page 48).
- Azureum Amphibolis (Freynianum).** \$1.65 per 12; \$11.25 per 100.
Delicate pale blue flowers, later than Azureum.

Rare and Unusual Varieties—Continued.

- Botryoides carneum.** \$2.20 per 12; \$14.25 per 100.
Flesh-pink colored flowers and similar in habit to Botryoides, a very sweet little flower for the rockery.
- Comosum.** \$1.65 per 12; \$11.25 per 100.
Tassel Hyacinth, greenish purple tops. Most unusual rock garden subject.
- Elegans.** \$1.00 per 12; \$7.25 per 100.
Dark purplish blue, top of spikes pale blue, flowers with a narrow white edge, very fine.
- Latifolium.** \$1.85 per 12; \$12.25 per 100.
A very distinct species, top of spike pale blue, lower part dark blue, usually one broad leaf, tall spikes.
- Moschatum minor.** \$2.50 per 12; \$17.25 per 100.
The Musk Hyacinth, producing little spikes of very fragrant bells which open grayish purple and fade to a yellowish brown, bloom in April and are great in the rockery.
- Moschatum flavum (Macrocarpum).** \$2.20 per 12; \$14.25 per 100.
Same as the type but flowers are purple, turning deep yellow.
- Moschatum major.** \$2.50 per 12; \$17.25 per 100.
Same as the type but flowers are purple, turning pale yellow.
- Neglectum.** \$1.00 per 12; \$7.25 per 100.
Blackish blue, flowers early in spring on stems 8 inches high, remain in bloom a long time.
- Paradoxum.** \$1.20 per 12; \$8.75 per 100.
Large spike with blackish blue flowers, inside green tinged. Stems 8 inches high.





Scilla Nutans, Blush Queen.
See page 49.



Mixed Freesias.
See page 42.



Chionodoxa Luciliae.
See page 41.



Mertensia Virginica.
See page 49.



Calla Elliottiana.
See page 41.



Triteleia Uniflora.
See page 50.



Iris Reticulata.
See page 19.



Scilla Hispanica,
Blue King.



Scilla Nutans—English Blue Bells.
Naturalized in woods.



Scilla Hispanica,
Queen of the Pinks.



Muscari Azureum.



Muscari, Heavenly Blue.
An excellent variety for naturalizing.



Muscari Botryoides.



Mertensia Virginica

(Virginia Blue Bells)

This is indispensable in the garden for color effect; flowers are porcelain-blue turning pink with age. The plant grows from 1 to 2 feet high, bearing a panicle of flowers about 1 inch long in short pendent clusters. It is splendid for the open border or for naturalizing along the woodland path, in the dell, along the brook or pond; it flowers from

*Flowering roots for immediate effect for naturalizing. \$10.50 per 100; \$95.00 per 1000.

We guarantee this root to bloom 100 per cent.

the time Daffodils are in bloom, continuing while the May-flowering Tulips are at their best. We urge all garden lovers to use this delightful plant in quantities, as it is permanent and so helpful to create beautiful pictures, especially in shady places.

*Choice selected roots for use in the garden when space is limited and there is only room for the best. \$2.20 per 12; \$15.50 per 100.

Ornithogalum

(Star of Bethlehem)

Very easily grown bulbs, especially Umbellatum, which multiplies rapidly under any conditions.

*Arabicum (Arabian Star of Bethlehem).

85c per 12; \$6.50 per 100.

Makes a large umbel of small white flowers with black base produced on a tall spike. Hardy and very prolific in the extreme south but must be protected or forced in the north.

*Umbellatum (Star of Bethlehem).

70c per 12; \$5.50 per 100.

This is the small white hardy variety that is seen in great profusion and around many of the old gardens. It propagates readily and adapts itself splendidly to naturalizing. It does well over a wide temperature range and blooms profusely each season with little or no care.

*Thyrsoides.

85c per 12; \$6.00 per 100.

This is the famous Chinchinchee, from South Africa. The flowers are pyramidal shape with the buds of straw color changing to pure white.

Oxalis

(Shamrocks)

Suitable for pots or hanging baskets for winter flowering. Very easily grown in the house. Their clover-shaped leaves are most attractive as well as the small cup-like blooms. They are excellent inexpensive small plants for decorating the home and growing on window sills.

Adenophylla.

\$5.00 per 12; \$40.00 per 100.

A lovely little hardy species from Chile forming small compact rosettes of foliage and dainty small lilac-pink flowers opening only in the sun. Height 3 inches. Plant in the rock garden or in pots from end of August to November. A very rare variety.

*Grand Duchess.

55c per 12; \$3.85 per 100.

Lavender, pink, white in separate colors.

Puschkinia

Scilloides.

\$1.05 per 12; \$7.50 per 100.

A beautiful little April-flowering bulb prized for the permanent hardy flower border and rock garden; it is also an easily grown indoor pot plant. The flowers are white, shaded and striped a soft clear blue, about 6 inches high.

Ranunculus

Their brilliant lovely globular-shaped flowers are splendid cut flowers and lovely at all times. May be left undisturbed for many years. In the north, bulbs may be planted

New Giant Paraflor.

75c per 12; \$5.00 per 100.

This new giant Ranunculus is far ahead of the common types. The perfectly double flowers are produced on tall, stout stems and appear in every conceivable shade of color. The blooms are many times larger than the old type.

in April and May outdoors and will bloom in July and should be taken up for the winter and stored dry until the following season.

*Double French Mixed.

70c per 12; \$4.50 per 100.

Mixture in shades of yellow, pink, red, white, and orange. They are most lovely cut flowers, and while not as large as the Giant Paraflor, they are equally handsome.

Scilla - Squill

May-Flowering Scilla

The English Blue Bells (*Scilla nutans*) with its long varieties (*S. hispanica*) have erect flower-spikes and open campanulate flowers. All are very effective in flower and shrubbery borders, and most valuable for wild gardens and woodlands, where they should be largely naturalized. Wood

Hispanica (Campanulata).

65c per 12; \$4.00 per 100.

The Spanish Squill, blue.

**Hispanica alba maxima*.

70c per 12; \$4.50 per 100.

Large white flowers.

Hispanica, Amethyst.

85c per 12; \$5.75 per 100.

Clear blue, very large spikes.

**Hispanica*, Blue King.

85c per 12; \$5.75 per 100.

Fine blue, exceedingly free.

Hispanica, Blue Queen.

75c per 12; \$4.75 per 100.

Porcelain-blue, tall growing and very free flowering.

Hispanica, Enchantress.

85c per 12; \$5.75 per 100.

Delicate pure blue, broad pyramidal spikes, strong stems.

Hispanica, Excelsior.

75c per 12; \$4.75 per 100.

Large bells, deep blue, very fine tall and large spikes.

Hispanica, La Grandesse.

85c per 12; \$5.75 per 100.

White, beautiful large spikes, new.

Hyacinths may be planted in bare shady places and odd corners which often have a desert-like appearance which can thus be rendered bright and cheerful. They will also thrive under Fir and Pine trees, where few other plants will grow.

Hispanica, Peach Blossom.

\$1.65 per 12; \$11.25 per 100.

Pale pink, large spikes. New.

Hispanica, Perle Brilliant.

\$1.30 per 12; \$9.25 per 100.

Clear blue, large spikes. New.

**Hispanica*, Queen of Pinks.

\$1.00 per 12; \$7.00 per 100.

Deep pink, beautiful large spikes.

Hispanica, Skyblue.

85c per 12; \$6.00 per 100.

Fine dark blue, late.

**Nutans*.

65c per 12; \$4.00 per 100.

The common Scotch Bluebell or Wood Hyacinth.

**Nutans*, Alba Major.

75c per 12; \$4.75 per 100.

Large white form of the above.

**Nutans*, Blush Queen.

75c per 12; \$4.75 per 100.

Fine pale pink form of the above.

Nutans, Rubra.

\$1.20 per 12; \$9.00 per 100.

Lilac-red, form of the Scotch Bluebell.





Scilla - Squill

The rich dark blue of *Scilla bifolia* and the bright blue of *Scilla sibirica* in early spring render them invaluable for edgings or for massing in flower beds and borders. As they bloom so early in the year, it is advisable to give them a sunny location. They are not particular about the soil in

Standard Varieties

***Sibirica (Siberian Squill).** 90c per 12; \$6.25 per 100. Earliest to flower, connecting the flowering of the Crocuses with the Narcissi. Fine for naturalizing, producing drooping, bell-like flowers on stems 3 to 4 inches high. Succeed well in the rock garden. Color bright blue. Plant 3 inches deep in shade, half shade or full sun. Giant bulbs are offered above.

***Sibirica.** 65c per 12; \$4.00 per 100. Large flowering size bulbs, No. 1 grade.

New and Rare Varieties

***Bifolia.** 80c per 12; \$5.25 per 100. This species flowers in March with deep gentian-blue flowers. They are very beautiful in combination with the early flowering *Eranthis*, *Snowdrops*, etc.

Bifolia alba. \$4.50 per 12; \$35.00 per 100. Small spikes with creamy white flowers, very charming.

Sparaxis

***Finest Mixed.** 70c per 12; \$4.75 per 100. Delightful spring-blooming Cape bulbs of the *Ixia* group, their beautiful flowers being borne on graceful spikes about 6 to 8 inches high and the colors of the brightest and all shades. They are tigered, blotched, spotted, streaked and flushed, a complete riot of color. They are also excellent for conservatory and indoor treatment. For the southern rock garden they are indispensable. Protect in cold climates.

Sternbergia (Hardy)

Give light protection.

Lutea major. \$4.00 per 12; \$30.00 per 100. A very effective autumn-flowering bulbous plant producing crocus-like flowers of a rich golden yellow. The bulbs make a charming decoration if planted in bowls or pots and flower a few weeks after planting. Out-of-doors the *Sternbergia* likes a warm, well-drained situation on banks or borders, where it should be left undisturbed. The bulbs should be planted 9 inches deep, and in cold districts a covering of dry litter should be given in winter. Fine for the rock garden.

Triteleia - Milla

***Uniflora violacea.** 70c per 12; \$4.75 per 100. A rootlike bulb which produces in early spring a pale violet-blue flower with white center. Somewhat resembles the *Chionodoxa*, is delightfully fragrant. They spread and multiply with amazing rapidity and are excellent in the rockery or under shrubs or trees where nothing else will grow. They are hardy, but like a little protection. About 3 inches high.

which they grow. They are ideal for the wild garden but they are not to be despised in the border, especially if they are left alone for 2 or 3 years without being disturbed in any way. They are splendid in the rock garden. Never plant less than 12 to 18 bulbs in a clump.

***Peruviana (Clusi).** \$3.00 per 12; \$20.00 per 100. The Cuban Lily, flowers deep blue in large spreading umbels in summer on stems about 12 inches high.

Peruviana alba. \$3.00 per 12; \$20.00 per 100. White form of above.

Pratensis. \$1.65 per 12; \$11.25 per 100. Deep blue flowers in May, very pretty pyramidal heads and sweetly scented; not over 6 inches high. Excellent for the rock garden.

Sibirica alba. 85c per 12; \$6.00 per 100. Pure white form of *Sibirica*.

Sibirica atrocoerulea. \$2.20 per 12; \$15.00 per 100. Very deep blue, tall and larger spikes than the *Sibirica*.

Sibirica azurea. \$1.65 per 12; \$11.25 per 100. Light blue, distinct and beautiful form of *Sibirica*.

Sibirica taurica (multiflora). \$1.30 per 12; \$9.25 per 100. A very charming variety with pretty light porcelain-blue flowers, with darker blue line down the center of the petals; flowers 2 weeks earlier than *Sibirica*.

Trillium (Hardy)

Trilliums are very attractive plants of the Lily family. The forms known as Wood Lilies or Wake Robins are well known in the East and are fine woodland plants. Of these, the best is *Trillium grandiflorum*.

A better plant for the shaded corner, damp woodland, border of streams where the soil is moist, or for the shaded parts of the garden, does not grow. It takes a year for them to take hold, but they will then improve for years. There is no better bulbous plant to naturalize in gravel, loam, sand and heavy clay; require no care.

***Grandiflorum.** \$1.40 per 12; \$8.50 per 100. This is the best of all the Trilliums growing about 12 to 15 inches high and produces large, starlike, white blossoms very early in the spring.

Tritonia

Crocata. 70c per 12; \$4.50 per 100. This interesting bulbous plant is commonly known as the Orange *Ixia*, which it resembles. It is very floriferous; forces easily and produces lovely orange flowers. Give it the same treatment as *Freesia* and you will enjoy it very much. Height about 10 inches. Lovely in the rockery in southern gardens.

Vallota

***Purpurea.** Each, 65c; \$6.00 per 12. The Scarborough Lily, a South African native and one of the most attractive of the *Amaryllis* family, growing sturdily and increasing rapidly. Many flowers slightly cupped, upright, of very bright red. It requires the same culture as the *Amaryllis*, usually being potted up in the autumn. Avoid over-watering. Very scarce.

PLANTING TABLE FOR PLANTS AND BULBS

Diameter of bed	6 in. apart	12 in. apart	18 in. apart	Diameter of bed	6 in. apart	12 in. apart	18 in. apart	Diameter of bed	6 in. apart	12 in. apart	18 in. apart
3 feet	28	7		9 feet	256	64	28	15 feet	704	176	78
4 feet	48	12	6	10 feet	320	80	36	16 feet	804	201	89
5 feet	80	20	8	11 feet	380	95	42	17 feet	904	226	100
6 feet	112	28	13	12 feet	452	113	50	18 feet	1016	254	113
7 feet	152	38	17	13 feet	528	132	59	19 feet	1132	283	126
8 feet	200	50	23	14 feet	612	153	68	20 feet	1256	314	139

PLANTING. The table above shows the number of plants or bulbs required to fill a circular bed of the dimensions given. In planting, begin at outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants or bulbs somewhat closer together in the two outer rows, giving more space between each plant or bulb toward the center of the bed. A square bed will take about the same number of plants. For an oval bed, add length and breadth and divide by two. For example, an oval 9 feet long by 7 feet wide will require the same number of plants as a circular bed 8 feet in diameter.





Hardy Plant and Alpine Plant Seeds

Fresh Seeds

Gathered at Wayside Gardens

Several years of experience and the observing of results have proven to us beyond a doubt that seeds of Hardy Plants and Rock Plants produced under the more favorable American climatic conditions germinate better and are superior in every way over imported seeds. This fact has been so forcefully brought home to us that wherever possible we harvest our own seeds at Wayside Gardens for the propagation of our stocks. The great variety of plants grown by us (we can say without boasting that our collection of plants is the greatest ever brought together in one nursery in America) makes it possible for us to also offer a most complete collection of all American grown seeds of Hardy Plants and Rock Plants.

Several more varieties could be added to the list presented here, but we have omitted them because they are too difficult to handle for the amateur. The selection offered should give no great trouble to anyone who will be careful, but we cannot and do not give any guarantee as to results, knowing only too well that it requires more time, patience and care to raise hardy plants and rock plants from seeds than a great many people are willing to give. If, however, it is proven that failure is due to the seeds, we will replace them with others, without charge.

Many seeds offered are not only rare but scarce, therefore, send your order early.

	Per Pkt.
ACHILLEA eupatorium	\$0.25
ACONITUM napellus .....	.20
AETHIONEMA persicum .....	.25
AGROSTEMMA coronaria .....	.20
AETHIONEMA grandiflora .....	.35
ALLIUM thibetica .....	.30
ALYSSUM argenteum .....	.20
Rostratum .....	.25
Saxatile compactum .....	.20
Serpillifolium .....	.25
Spinulosum roseum .....	.25
AMSONIA tabernaemontana .....	.25
ANCHUSA Dropmore .....	.20
ANEMONE pulsatilla .....	.20
Pulsatilla rubra .....	.25
Pulsatilla alba .....	.30
Sylvestris .....	.25
ANTHEMIS tinctoria .....	.20
AQUILEGIA canadensis .....	.20
Chrysantha .....	.20
Chrysantha alba .....	.25
Coerulea .....	.20
Flabellata nana alba .....	.25
Scott Elliott Hybrids .....	.25
Wayside Pink .....	.25
ARABIS alpina .....	.20
ARENARIA grandiflora .....	.25
Montana .....	.30
Verna .....	.30
ARMERIA, Mixed .....	.25
ASCLEPIAS tuberosa .....	.25
ASPERULA odorata .....	.20
ASPHODELUS luteus .....	.25
ASTER alpinus albus .....	.25
Alpinus, Goliath .....	.25
Diplostiphoides .....	.25
Farreri, Big Bear .....	.30
AUBRIETIA Eyri .....	.25
BAPTISIA australis .....	.20
BELLIS, Snowball .....	.20
Longfellow .....	.20
BOCCONIA cordata .....	.20
BOLTONIA latiaquama .....	.20
BUPHTHALMUM salicifolium .....	.25
CALAMINTHA alpina .....	.25
CALLIRHOE involucreta .....	.25
CAMPANULA alliariaefolia .....	.25
Bononiensis .....	.25
Calycanthema, Pink .....	.20
Calycanthema, White .....	.20
Calycanthema, Blue .....	.20
Carpatica .....	.20
Carpatica alba .....	.20
Cullinmore .....	.25
Elegans .....	.25
Glomerata var. daburica .....	.25
Lactiflora alba .....	.25
Lactiflora coerulea .....	.25

	Per Pkt.
CAMPANULA	
Medium Pink	\$0.20
Medium White .....	.20
Medium Blue .....	.20
Persicifolia alba .....	.25
Persicifolia coerulea .....	.25
Pseudo-Raineri .....	.25
Pyramidalis, Blue .....	.20
Pyramidalis, White .....	.20
Rotundifolia .....	.25
Sarmatica .....	.30
Telham Beauty .....	.50
Trachelium .....	.25
CARNATIONS, Double White .....	.25
Double Red .....	.20
Finest Mixed .....	.25
CATANANCHE coerulea .....	.20
CENTAUREA macrocephala .....	.20
Montana .....	.20
Montana alba .....	.20
CEPHALARIA tatarica .....	.25
CERASTIUM tomentosum .....	.25
CHEIRANTHUS Allioni .....	.20
CHRYSANTHEMUM maximum,	
Alaska .....	.20
Mrs. C. Lowthian Bell .....	.25
CLEMATIS Davidiana .....	.25
Integrifolia coerulea .....	.25
Montana perfecta .....	.25
Montana rubens .....	.25
Paniculata .....	.20
Recta .....	.25
COREOPSIS grandiflora .....	.20
CORYDALIS cheilanthifolia .....	.25
CORONILLA varia .....	.25
CRUCIANELLA stylosa .....	.25
DELPHINIUM Belladonna .....	.25
Bellamosa .....	.25
Blackmore & Langdon .....	.40
Chinense .....	.20
Chinense album .....	.20
Gold Medal Hybrids .....	.25
Watkins Samuels Hybrids .....	.30
Wayside Gardens Hybrids .....	.25
NAMED HYBRID ENGLISH	
DELPHINIUM	
Empress Queen .....	.50
F. Koppius .....	.50
Ivorine .....	.50
Kaleidoscope .....	.50
Lady MacBeth .....	.50
Prince Henry .....	.50
Rynlandia .....	.50
Smoke of War .....	.50
The Shah .....	.50
Violet Queen .....	.50
DIANTHUS Heddwigi, Mixed .....	.15
Barbatus atrococcineus fl. pl. ....	.25
Sutton's Fairy .....	.25
Sutton's Giant White .....	.20
Sutton's Pink Beauty .....	.20
Sutton's Rich Crimson .....	.25
Sutton's Scarlet .....	.25
Sutton's Mixed Shades .....	.20

	Per Pkt.
DIANTHUS plumarius semperflorens	
fl. pl.	\$0.20
DIANTHUS SPECIES	
Alpinus Allwoodi .....	.50
Arenarius .....	.25
Caesius grandiflorus .....	.25
Cruentus .....	.20
Deltoides .....	.25
Deltoides albus .....	.25
Deltoides, Brilliant .....	.25
Knappi .....	.25
Liboschitzianus .....	.35
Speciosus .....	.25
DICTAMNUS FRAXINELLA	
Rubra caucasicus .....	.25
DICENTRA eximia .....	.25
DIGITALIS, Giant Shirley .....	.25
Ambigua .....	.20
Gloxiniaeflora .....	.20
Gloxiniaeflora alba .....	.20
Gloxiniaeflora rosea .....	.20
Isabellina .....	.25
DRACOCEPHALUM japonicum .....	.25
ECHINOPS ritro .....	.20
ERIGERON speciosus .....	.25
ERINUS alpinus roseus .....	.35
Alpinus albus .....	.50
ERYNGIUM amethystinum .....	.25
Giganteum .....	.25
Planum .....	.25
EUPHORBIA myrsinites .....	.25
Polychroma .....	.35
FEVERFEW, Little Gem .....	.20
Golden Ball .....	.25
GAILLARDIA, English Hybrids .....	.20
GENTIANA aeclepiadea .....	.40
Lutea .....	.25
Purdomi .....	.40
Septemfida .....	.40
GERANIUM pratense .....	.25
Pratense album .....	.25
GEUM, Mrs. Bradshaw .....	.25
Lady Stratheden .....	.25
GLOBULARIA trichosantha .....	.25
GYPSOPHILA paniculata .....	.20
Repens .....	.25
Repens rosea .....	.25
Rokejeka .....	.25
HELENIUM autumnale superbum .....	.20
HELIANTHEMUM, Mixed .....	.30
HELIOPSIS Pitcheriana .....	.20
HELICHRYSUM bracteatum .....	.25
HELLEBORUS niger .....	.25
HESPERIS matronalis .....	.20
Matronalis alba .....	.20
HEUCHERA, Perry's White .....	.35
Sanguinea .....	.25
Wayside Gardens Hybrids .....	.25





	Per Pkt.		Per Pkt.		Per Pkt.
HIBISCUS, Mixed	\$0.20	LYTHRUM superbum roseum	\$0.20	SAXIFRAGA decipiens	\$0.30
HOLLYHOCKS, Double—Rose, Ma-		MECONOPSIS Baileyi .....	.50	McNabiana .....	.30
roon, Newport Pink, Red, White,		MIMULUS luteus .....	.30	Megasea Hybrids .....	.30
Yellow, Each .....	.20	MYOSOTIS palustris semperflorens ...	.25	SCABIOSA caucasica .....	.25
New Allegheny .....	.20	OENOTHERA Fraseri .....	.20	Japonica .....	.20
Single Mixed .....	.20	Missouriensis .....	.20	Pennsylvanica .....	.25
HYPERICUM ascyron .....	.30	Speciosa .....	.25	SIDALCEA, Rosy Gem .....	.25
Perforatum .....	.30	Youngi .....	.25	SILENE alpestris .....	.25
IBERIS sempervirens .....	.25	PAPAVER orientale .....	.20	Saxifraga .....	.25
INULA hirta .....	.25	Beauty of Livermore .....	.25	Schafta .....	.25
Royleana .....	.25	Mrs. Perry .....	.25	STATIC latifolia .....	.20
INCARVILLEA Delavayi .....	.25	Alpinum .....	.35	STACHYS lanata .....	.20
Grandiflora brevipes .....	.30	Thibetica .....	.25	STOKESIA cyanea coerulea .....	.20
IRIS Kaempferi Mixed .....	.20	Nudicaule, Baker's Sunbeam Mixture	.25	Cyanea coerulea alba .....	.25
LATHYRUS, Pink Beauty .....	.20	PENTSTEMON ovatus .....	.25	SWEET WIVELSFIELD .....	.25
Red .....	.20	Pubescens .....	.20	TEUCRIUM orientalis .....	.25
White Pearl .....	.20	Unilateralis .....	.25	THALICTRUM adiantifolium .....	.20
LAVANDULA vera .....	.20	PHYSOSTEGIA virginica .....	.20	Aquilegifolium .....	.25
Vera nana .....	.25	Virginica alba .....	.20	Aquilegifolium album .....	.25
LEONTOPODIUM alpinum .....	.25	PLATYCODON grandiflorum .....	.20	Dipterocarpum .....	.25
LIATRIS pycnostachya .....	.25	Grandiflorum album .....	.20	Glaucum .....	.25
Scariosa .....	.25	Mariesi .....	.20	THYMUS serpyllum splendens .....	.25
LINARIA cymbalaria .....	.20	Mariesi alba .....	.20	TRITOMA, Perry's Hybrids .....	.25
LINUM alpinum .....	.25	POLEMONIUM album .....	.20	TROLLIUS, Mixed Choice Seedlings ..	.25
Flavum .....	.25	Coeruleum .....	.20	TUNICA saxifraga .....	.20
Narbonnense .....	.25	POTENTILLA, Mixed Colors .....	.25	VALERIANA coccinea .....	.20
Perenne .....	.20	Warrensi .....	.30	Coccinea alba .....	.20
Perenne album .....	.20	PRIMULA auricula alpina .....	.25	Officinalis .....	.25
LILIUM regale .....	.25	Bulleyana .....	.30	VERONICA, Royal Blue .....	.25
Tenuifolium .....	.25	Cashmeriana .....	.25	Incana .....	.25
LOBELIA cardinalis .....	.25	Cortusoides .....	.25	Spicata .....	.25
LUPINUS, Wayside Gardens Hybrids ..	.25	Moerheim Hybrids .....	.30	VERBASCUM olympicum .....	.25
Polyphyllus .....	.20	Vulgaris .....	.25	Phoeniceum, Wayside Gardens	
Polyphyllus albus .....	.20	POLYANTHUS, Exhibition Yellow ...	.30	Hybrids .....	.25
Polyphyllus roseus .....	.20	Exhibition Cream .....	.30	VIOLA, Admiration .....	.25
Polyphyllus Moerheimi .....	.25	Munstead Strain Mixed .....	.25	Floraire .....	.35
Polyphyllus, Tunic .....	.25	Veris Hybrids .....	.25	Golden Yellow .....	.25
Polyphyllus, May Princess .....	.25	PYRETHRUM, Finest Mixed .....	.20	Gracilis .....	.25
Polyphyllus, Ruby King .....	.25	RUDBECKIA purpurea .....	.20	Perfection .....	.25
LYCHNIS alpina .....	.25	SALVIA azurea .....	.25	Sutton's Apricot .....	.25
Chalcedonica .....	.30	Pratensis .....	.25	Sutton's Gem .....	.25
Haageana .....	.25	Turkestanica .....	.25	White Perfection .....	.25
Viscaria splendens .....	.20	SAPONARIA ocyroides alba .....	.20	YUCCA filamentosa .....	.20
Viscaria splendens alba .....	.25	Ocyroides splendens .....	.20		

Wayside Gardens Bulb Fiber

(Patent Applied For)

The Growth of Bulbs in Wayside Gardens Bulb Forcing Fiber in Bowls Without Drainage

**The Most Charming Method of Growing Beautiful Spring Flowers
for House and Table Decoration**

The wonderful successes which many of our correspondents have achieved in growing Roman Hyacinths, Freesias, Narcissi, Tulips, Dutch Hyacinths, Lilies-of-the-Valley, and other bulbs in Wayside Gardens Bulb Fiber in bowls without drainage, proves that this is one of the most charming and effective methods of growing bulbs. Those who have neither a large garden, nor the convenience of greenhouses, or frames, or who have a difficulty in obtaining suitable soil find most of their troubles removed in adopting this modern method of growing bulbs in the house. It will be extensively

adopted in the future when it is fully realized what excellent results may be obtained in this way.

The advantage of this system is that the bowls, having no drainage holes, can be placed anywhere about the house without fear of any mess or damage to furniture. Wayside Gardens Bulb Fiber is perfectly odorless and clean to handle; it is specially prepared for the purpose of growing a great variety of bulbs in the house. Leaves no dirt or stain. It can be used for several years.

50c per 1/2 pk.; 90c per pk.; \$1.75 per 1/2 bu.

For collections of bulbs for bowl culture and complete instructions, see special insert in the back of this catalog.





Wayside Gardens Plant Food for Bulbs

Price is all-important these days. Wayside Gardens Plant Food is the **lowest cost** plant food on the market. It contains no fillers and is acknowledged by experts the finest plant food offered for sale.

Apply as follows: 15 to 25 pounds for top dressing five hundred square feet of ground planted with Hardy Plants, Rock Plants, Roses, Annuals or Bulbs. In making a new garden use double the amount and mix with soil; planting may be done at once. 10 to 25 pounds for top dressing five hundred square feet of lawn. In making new lawns, use double the amount and mix with soil; seeding may be done at once. Contents of a 3-inch pot mixed with one bushel of earth will make a splendid potting soil.

Two applications of the Plant Food should be made per year, one in spring and one in September. Use Wayside Gardens Plant Food, you cannot damage bulbs should they

come in contact with it. In spring your lawn will be healthy and free from holes and bare spots, no more patching up. If still in doubt, we shall be glad to mail you testimonials from experts if desired. Wayside Gardens Plant Food may be had at the following prices:

10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.00; 500 lbs., \$25.00; 2000 lbs., \$90.00.

Full directions in every bag.

Can only be obtained direct from Wayside Gardens.

Wayside Gardens Plant Food is sold only in the following states: Illinois, Michigan, Ohio, West Virginia, Kentucky, Massachusetts, District of Columbia, Pennsylvania, New York, New Jersey, Virginia, Indiana and Rhode Island.

Eezy-Wear Garden Gloves

For Men and Women.

Here's a new and increasingly popular type of garden glove—specially designed to give finger freedom and complete protection.

All Leather—Dirt-Proof—Soft as Kid—Extra Pliable—Washable!

Made from select imported leather specially processed to render it amazingly soft and pliable—as well as durable. Permit almost barehand freedom with perfect comfort yet insure complete protection from dirt, scratches, bruises, stains. Keep the hands in perfect condition.

Economical—outwear six pairs of ordinary fabric gloves and are useful for other home duties the year round—**Housework, Painting, Yard, Furnace, Garage, etc.**

Sizes for women: "Small," "Medium," "Large." For men: "Medium" and "Large." Price, 75c a pair; 2 pairs for \$1.40, postpaid.

Red Arrow Insect Spray

Kills all plant pests. The most highly concentrated pyrethrum insect spray on the market.

Red Arrow is an exceedingly powerful non-poisonous insecticide, especially adapted to agricultural and horticultural purposes, both under glass and in the open. Very effective against insects in poultry house, kennel, and dairy barn. Also deadly for worms, beetles, and ground insects.

Does not burn or stain flower, leaf or fruit. When used on fruits and vegetables it eliminates washing because with Red Arrow there is no poisonous residue.

Red Arrow is as nearly a perfect spray as you can buy because it will kill 100% of more varieties of insects than any other non-poisonous insecticide. Deadly to insects—but harmless to children, pets, valuable wild bird life and soil.

Red Arrow is pleasant and easy to use. It has no dangerous fumes or unpleasant odors and needs only to be mixed with water.

1 oz., 35c; ¼ pt., \$1.00; ½ pt., \$1.75; 1 pt., \$3.25; 1 qt., \$6.00; 1 gal., \$20.00.

Fungtrogen

Controls mildew and black spot. A highly concentrated fungicide invisible on the foliage or blooms. It is the noted Rosenbluth formula combined with the plant stimulant—Hortogen—that results in plant vigor and superb foliage.

Fungtrogen is an effective and scientific preventive and remedy for mildew, black spot and other fungous diseases of Roses. It also prevents mildew and black spot on Phlox, Chrysanthemums, Hollyhocks, Delphiniums, Sweet Peas and Evergreens and is endorsed by leading rosarians.

Fungtrogen is a complete spray, ready to use when mixed with water to sixty times its volume.

Prices: ½ pt., 75c; pt., \$1.25; qt., \$2.00; ½ gal., \$3.50; gal., \$6.00. Prices include delivery.

New Garden Trowel

Wayside Gardens Model.

This garden trowel was designed by us in the nursery where each year more than 3½ million plants must be set out. It is of great importance to have a perfect tool. This great yearly task of planting must be done without getting a tired wrist, blisters or cramped fingers, and above all it must dig the proverbial "dollar hole for a 5c plant," a good sized hole that will hold all the roots without cramping. The result is this new trowel. Smooth, solid wooden handle (painted red so you won't lose it), short shank to prevent tired wrist. Short, sharp, wide blade for easy digging of wide hole. When you are all through with the 5 and 10c store variety, try this one. 65c each, postpaid.

Perfect Garden Label

The Perfect Garden Label is inconspicuous. The beautiful cool gray-green color blends with the soil, foliage and rocks. Only the marking space shows. If you wish the labels hidden they may be almost buried out of sight and lifted only for reading. The markings will be completely legible.

With an ordinary lead pencil write or print on the ample horizontal marking space of a Perfect Garden Label.

One year, two years, three years, four years afterward, at any time, you will be able to read easily every character of your marking.

Previous markings can be readily erased at any time with a stiff pencil eraser and the label can be used again. The marking space is large enough for three or four lines of writing or even display printing. The under side of the marking space can be used for extensive notes.

Border Size		Rock Garden Size	
12 labels	.....\$1.00	12 labels	.....\$0.90
25 labels	..... 2.00	25 labels	..... 1.75
100 labels	..... 7.75	100 labels	..... 6.75

Books

CULTURAL BOOKLETS—

For the convenience of our customers we have prepared five booklets entitled as follows:

- "Cultural Instructions for Roses."
- "Cultural Instructions for Lilies."
- "Cultural Instructions for Rock Plants and Border Plants."
- "Cultural Instructions for Spring-Flowering Garden Bulbs."
- "Rock Garden Construction."

These booklets may be had for twenty-five cents each. You will find them very helpful. They are fully illustrated and full of facts, precisely, as well as concisely, given.

ROCK PLANTS—

"Rock Gardens and Alpine Plants," by T. W. Sanders, F. L. S. This imported book is a complete guide to the construction of Rock Gardens and Rockeries, and the cultivation of Alpine Plants, with chapters on Bog, Water and Moraine Gardens. Profusely illustrated in color and half-tone. Price, \$2.50.

HARDY PLANTS—

"Popular Hardy Perennials," by T. W. Sanders, F. L. S. This is a revised and new issue of this much-read book. Price, \$2.50.



Imported
and
Native
BULBS



The Wayside Gardens Co.

MENTOR, OHIO

1934

Price 25 cents