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BULBS FOR SHIPMENT

F. H. WOODRUFF & SONS, INC.



Seed Growers

MAIN OFFICE AND WAREHOUSE
MILFORD, CONNECTICUT, U. S. A.

FALL 1949

ATLANTA, GA.
Sta. A, Box 164

BELLEROSE 6, N. Y.
250-02 Jamaica Avenue

DALLAS 2, TEXAS
2215 Griffin Street

MERCEDES, TEXAS
P. O. Box 535

SACRAMENTO 10, CALIF.
P. O. Box 2263

TOLEDO 1, OHIO
P. O. Box 1015

SEND YOUR ORDER TO THE NEAREST WOODRUFF ADDRESS ABOVE

F. H. WOODRUFF & SONS, INC. gives no warranty express or implied, as to the productiveness of any seeds or bulbs it sells, and will not be in any way responsible for the crop. The Seller's liability, in all instances, is limited to the purchase price of the seeds or bulbs. ALL ORDERS are subject to *pro rata* delivery in the event of partial or total crop failure, or non-delivery from Holland.

TERMS: F. O. B. our warehouses: 1½% discount for payment within 10 days from date of our invoice, or net 60 days to firms of approved credit; otherwise C. O. D. less 1½%.

LESS THAN 250 BULBS of a variety will be filled at the 100 price; 250 or more of a variety at the 1000 price.

COLOR DISPLAY CARDS: Attractively lithographed cards, 6 x 8½ inches. One free of each variety if the quantity of that variety ordered is 100 or more. When quantity ordered of the variety is less than 100, cards will be furnished at 5c each. Please indicate with an X in the proper column of order sheet if card is wanted.

ORDER NOW FOR FALL SHIPMENT

TULIPS

	FIRST SIZE (11/12 cm)		TOP SIZE (12 cm/up)	
	Per 100	Per 1000	Per 100	Per 1000
We recommend the larger size bulbs for indoor forcing.				
SINGLE EARLY				
Couleur Cardinal, crimson-scarlet	\$4.50	\$42.50	\$ 5.75	\$54.00
General de Wet, golden orange	3.50	32.50	5.25	49.00
Ibis, pink	3.50	32.50	5.25	49.00
Keizerskroon, red yellow border	4.50	42.50	5.50	51.00
Sunburst, yellow flushed red	4.50	42.50	5.25	49.00
DOUBLE EARLY				
Electra, red, shaded carmine	4.50	42.50	5.50	51.00
Marechal Niel, canary yellow, flushed orange	4.50	42.50	5.50	51.00
Orange Nassau, orange-scarlet, orange edge	4.50	42.50	5.50	51.00
Peach Blossom, rosy pink	4.50	42.50	5.50	51.00
Snowball, white	4.50	42.50	5.50	51.00
DOUBLE LATE				
Bonanza, carmine-red, edged yellow....	5.00	47.50	6.25	58.00
Coxa, carmine-red, tipped white	4.50	42.50	5.50	51.00
Eros, old rose	4.50	42.50	5.50	51.00
Mount Tacoma, white	6.00	56.00	7.00	67.50
Symphonia, carmine-rose	6.00	56.00	7.00	67.50
PARROT				
Blue Parrot, bright violet	4.50	42.50	5.50	51.00
Fantasy, salmon-pink, mottled green..	5.00	46.00	6.00	57.00
Orange Favorite, orange, yellow and green	6.00	56.00	7.00	67.50
Red Champion, bright crimson-red	8.25	78.00	9.50	90.00
Sunshine, golden yellow	8.75	84.00	10.00	97.50
Therese, cherry-scarlet	8.25	78.00	9.50	90.00
Mixed Parrots	5.00	46.00	6.00	57.00

TULIPS (Continued)

	FIRST SIZE (11/12 cm)		TOP SIZE (12 cm/up)	
	Per 100	Per 1000	Per 100	Per 1000
*Indicates suitable for forcing				
DARWIN				
Afterglow, salmon-pink, tinged orange	\$4.50	\$41.00	\$5.50	\$51.00
*All Bright, fiery scarlet	3.75	33.00	4.25	39.00
*Aristocrat, pink	4.50	41.00	5.50	51.00
*Bartigon, crimson red	3.75	33.00	4.25	39.00
*Campfire, blood red	3.75	33.00	4.25	39.00
Charles Needham, bright scarlet	4.50	41.00	5.50	51.00
City of Haarlem, vermillion-scarlet, large flower	4.50	41.00	5.50	51.00
Clara Butt, soft salmon pink	4.50	41.00	5.50	51.00
*Demeter, deep violet-blue, large flower	4.50	41.00	5.50	51.00
Eclipse, brilliant deep crimson	4.50	41.00	5.50	51.00
Farnecombe Sanders, bright scarlet....	4.00	37.00	5.00	47.50
Giant, purple-violet	4.50	42.50	5.75	54.00
Gloria Swanson, crimson-red	4.00	37.00	5.00	47.50
*Golden Age, deep golden yellow	4.00	37.00	5.00	47.50
La Tulipe Noire, maroon-black	4.50	41.00	5.50	51.00
Margaux, deep wine red	4.00	37.00	5.00	47.50
Mount Erebus, white	4.50	41.00	5.50	51.00
*Niphetos, lemon yellow	4.00	37.00	5.00	47.50
Philippe de Commines, maroon-black..	4.50	41.00	5.50	51.00
*Philip Snowden, dark rose	3.75	33.00	4.25	39.00
Pride of Haarlem, brilliant carmine-rose	4.00	37.00	5.00	47.50
*Pride of Zwanenburg, old rose	4.50	41.00	5.50	51.00
*Princess Elizabeth, bright pink	4.00	37.00	5.00	47.50
*Prunus, purple-rose	3.75	33.00	4.25	39.00
Queen of the Night, deep maroon-black	4.50	41.00	5.50	51.00
*Scarlet Sensation, bright scarlet	4.50	41.00	5.50	51.00
The Bishop, violet	4.75	43.00	5.75	54.00
White City, white	4.50	41.00	5.50	51.00
*William Copland, lavender	3.75	33.00	4.25	39.00
*William Pitt, scarlet, tinged orange....	4.00	37.00	5.00	47.50
Yellow Giant, golden yellow	4.00	37.00	5.00	47.50
Zwanenburg, white	4.50	41.00	5.50	51.00
Mixed Darwins	3.75	33.00	4.25	39.00

TULIPS—Continued

	FIRST SIZE (11/12 cm)		TOP SIZE (12 cm/up)	
	Per 100	Per 1000	Per 100	Per 1000
COTTAGE				
Advance, orange-scarlet	\$4.00	\$37.00	\$5.00	\$47.50
*Albino, white	4.50	41.00	5.50	51.00
Belle Jaune, deep yellow	4.00	37.00	5.00	47.50
*Carrara, white	4.50	41.00	5.50	51.00
*Golden Harvest, lemon yellow	3.75	33.00	4.25	39.00
*Mother's Day, lemon yellow	3.75	33.00	4.25	39.00
Mrs. John T. Scheepers, yellow	4.00	37.00	5.00	47.50
Yellow Emperor, deep yellow	4.00	37.00	5.00	47.50
Mixed Cottages	3.75	33.00	4.25	39.00
TRIUMPH				
*Aviator, red, bordered white	3.75	33.00	4.25	39.00
*Bandoeng, mahogany red, flushed orange, edged yellow	3.75	33.00	4.25	39.00
Crown Imperial, red, yellow border	3.75	33.00	4.25	39.00
Elizabeth Evers, deep pink	4.00	37.00	5.00	47.50
Elmus, cherry, creamy edge	4.00	37.00	5.00	47.50
Kansas, finest white	4.50	41.00	5.50	51.00
*Rose Beauty, deep pink changing to cherry-red	4.00	37.00	5.00	47.50
Mixed Triumphs	3.75	33.00	4.25	39.00
BREEDER				
Cherbourg, deep orange-yellow	4.50	41.00	5.50	51.00
Dillenburg, orange-red	4.50	41.00	5.50	51.00
George Grappe, lavender-mauve	4.50	41.00	5.50	51.00
Indian Chief, coppery bronze	4.50	41.00	5.50	51.00
Louis XIV, purple and bronze	4.50	41.00	5.50	51.00
Tantalus, lilac and buff-yellow	4.50	41.00	5.50	51.00
Velvet King, purple-violet	4.50	41.00	5.50	51.00
Mixed Breeders	4.50	41.00	5.50	51.00
REMBRANDT				
*Cordell Hull, deep red feathered white	4.50	41.00	6.25	58.00

NARCISSI-DAFFODILS

	Large Double- Nose II		Large Double- Nose I	
	Per 100	Per 1000	Per 100	Per 1000
*Indicates suitable for forcing				
We recommend the larger size bulbs for indoor forcing.				
*Actea, <i>Poeticus</i>	\$ 4.15	\$38.00	\$ 5.25	\$48.00
*Aranjuez, <i>Incomparabilis</i>	7.50	72.50	10.50	100.00
*Beersheba, <i>Trumpet</i> , white, large	13.50	132.50	15.75	152.50
*Carlton, <i>Incomparabilis</i> , yellow	4.75	43.00	6.75	64.00
*Cheerfulness, <i>Double Poetaz</i>	4.15	38.00	5.25	48.00
*Fortune, <i>Incomparabilis</i>	7.50	72.50	10.50	100.00
Glorious, <i>Poetaz</i>	4.15	38.00	5.25	48.00
*Glory of Sassenheim, <i>Trumpet, Bicolor</i>	5.50	52.00	7.25	69.00
*Golden Harvest, <i>Trumpet</i> , yellow	6.00	55.00	8.25	78.00
*Helios, <i>Incomparabilis</i>	4.75	43.00	6.75	64.00
*Inglescombe, <i>Double</i>	5.50	52.00	7.25	69.00
*Imperator, <i>Trumpet</i> , white, large	8.75	84.00	10.50	100.00
*King Alfred, <i>Trumpet</i> , yellow	5.50	52.00	7.25	69.00
*L'Innocence, <i>Poetaz</i>	4.15	38.00	5.25	48.00
*Lady Moore, <i>Barrii</i>	4.50	40.00	5.75	54.00
*La Fiancee, <i>Poetaz</i>	4.15	38.00	5.25	48.00
*La Riante, <i>Barrii</i>	5.50	52.00	7.25	69.00
*Magnificence, <i>Trumpet</i> , yellow	6.00	55.00	8.25	78.00
*Monique, <i>Incomparabilis</i>	6.25	57.00	8.50	80.00
*Mrs. R. O. Backhouse, <i>Leedsii</i>	24.00	235.00	31.00	300.00
Orange Glow, <i>Incomparabilis</i>	6.25	57.00	8.50	80.00
*Spring Glory, <i>Trumpet, Bicolor</i>	5.50	52.00	7.25	69.00
*Thalia, <i>Triandus</i> , white, 3-4 flowers ..	7.50	72.50	9.50	90.00
*Trevithian, <i>Jonquilla</i> , yellow	7.50	72.50	9.50	90.00
*Von Sion, <i>Double</i> , golden yellow	5.50	52.00	7.25	69.00

HYACINTHS

	Bedding Size 15/16 cm.		Exhibition Size 18/19 cm.	
	Per 100	Per 1000	Per 100	Per 1000
The smaller size is recommended for outdoor use.				
BLUE				
Bismarck, sky-blue, early	\$8.50	\$80.00	\$14.00	\$135.00
King of the Blues, dark blue	8.50	80.00	14.00	135.00
Myosotus, light blue	8.50	80.00	14.00	135.00
RED AND PINK				
Lady Derby, light pink	8.50	80.00	14.00	135.00
La Victoire, bright scarlet	8.50	80.00	14.00	135.00
Pink Pearl, bright rose	8.50	80.00	14.00	135.00
Queen of the Pinks, bright pink	8.50	80.00	14.00	135.00
WHITE				
L'Innocence	8.50	80.00	14.00	135.00
YELLOW				
City of Haarlem, bright golden-yellow ..	8.50	80.00	14.00	135.00

**BOTANICAL TULIPS
(*Tulipa* Species)**

	Per 100	Per 1000
Eichleri, scarlet and greenish bronze	\$6.25	\$58.00
Fosteriana Type, brilliant red	7.25	68.00
Fosteriana Princeps, brilliant scarlet	8.25	78.00
Fosteriana, Red Emperor, scarlet	8.25	78.00
Kaufmanniana Type, soft yellow, tinged carmine	5.25	50.00
Marjoletti, pale yellow, rosy edges	5.50	52.50
Praestans Fusilier, orange	8.50	80.00

CROCUSES (8/9 cm)

Blue	\$1.70	\$14.00
Striped	1.70	14.00
White	1.70	14.00
Yellow	1.70	14.00
Mixed Colors	1.70	14.00

MUSCARI (Grape Hyacinths)

Armeniacum	\$1.75	\$14.50
Heavenly Blue	1.75	14.50
Plumosus (Feather Hyacinths)	1.75	14.50

SCILLAS

Campanulata Alba, white	\$2.25	\$18.00
Campanulata Azalea, pink	2.25	18.00
Campanulata Coerulea, blue	2.25	18.00
Sibirica, Blue	2.40	20.00
Sibirica, Spring Beauty	2.75	22.50

CHIONODOXA

Lucilea, lilac-blue	\$1.75	\$14.50
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GALANTHUS (Snowdrops)

Nivalis (Single Snowdrop)	\$3.00	\$25.00
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DUTCH BULBS for FALL SHIPMENT, 1949

Terms and Conditions of Sale

All orders are subject to *pro rata* delivery in the event of crop failures or non-delivery from Holland.

TERMS—Net 60, or less 1½% discount for payment within 10 days from date of our invoice, to firms of approved credit. To others, C.O.D. less 1½%. F.O.B. our warehouses, except "Boxed Bulbs", which are F.O.B. New York pier. We will add freight to cases of "Boxed Bulbs" shipped from our warehouses.

ORDERS for less than 250 bulbs of a variety will be at the 100 price; 250 bulbs or more of a variety at the 1000 price.

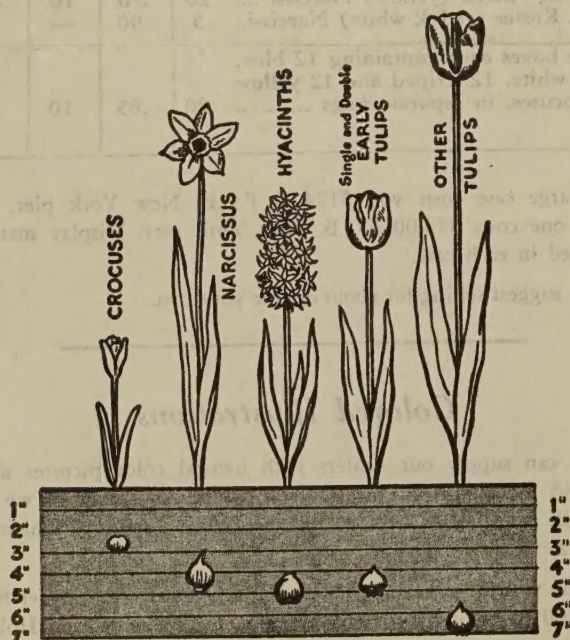
F. H. WOODRUFF & SONS, INC. gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells, and will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed or bulbs.

HYACINTHS

We offer high quality bulbs in an excellent range of colors, and in two sizes—Exhibition or First Size (18-19 cm.) and Bedding Size (15-16 cm.).

The smaller bulbs are better for outdoor use, as the spikes are then not too heavy and are less apt to bend or break.

For outdoor bedding, plant the bulbs 5 inches deep and 6 to 8 inches apart. In northern United States and Canada they should have some protection in Winter. For indoor growth, do not use new clay pots unless they have been soaked in water for two weeks. Use rich loam and have the top of the bulb about even with the surface of the soil, one in a 5- or 6-inch pot.



NARCISSI

(DAFFODILS)

Whether you call them Narcissi or Daffodils, nothing that blooms early in the Spring has a wider range of beauty and usefulness. They can be used in beds, in rock gardens, or naturalized, and always look best in groups of a dozen or more. They will continue to thrive for several years without being lifted, and many different types are available.

For outdoor use, plant the bulbs as early as possible in the Fall, 4 to 6 inches deep and 6 to 9 inches apart. Indoors, treat them the same as Tulips, but barely cover the bulbs with soil, and water copiously.

We offer two sizes of bulbs, Double Nose II (DN II) for outdoor use, and the larger Double Nose I (DN I) for forcing. *The larger bulbs will be supplied only on early orders, as we will not carry a surplus stock of them.* Where an asterisk (*) appears before the name, the variety is suitable for forcing.

Narcissi types vary in color of perianth petals and in length, color, and style of trumpet, crown or cup. They are of several classes, as follows:

Trumpet These have long trumpets and are subdivided into "Yellow", which are all yellow; "White", which are all white; "Bicolor", with white perianth and light yellow trumpet.

Incomparabilis The cup or crown is one-third to nearly as long as the perianth.

Barrii The cup or crown measures less than one-third the length of the perianth.

Poeticus All have white perianths and flattened yellow crowns, more or less deeply colored scarlet or crimson.

Poetaz These produce flowers in clusters of three to eight, depending upon the variety, on long, strong stems.

Double These are all double-flowered.

Jonquilla These have smaller flowers, usually in clusters of two or more on a sturdy stem.

Triandus In this group the perianth petals are reflexed and the flowers tend to droop.

BOTANICAL TULIPS

(TULIPA SPECIES)

All so-called Botanical Tulips (*Tulipa* species) are natives of Asia Minor and central Asia. All of them bloom early, have bright colors and recurved petals. They tolerate shade better than Tulips and are especially attractive in rock gardens and hardy borders.

CROCUSES

Crocuses are usually planted in borders, or in random patches about the lawn, 2 inches deep, where they bloom very early and are unharmed by later mowings. Indoors they may be grown in light soil. Water them well and keep them in a dark place about six weeks or until the top growth starts.

TULIPS

Tulips, the unbeatables of Spring Flowering Bulbs! Single Earlies, Double Earlies, Double Lates and Parrots, all differ somewhat from the regular late Tulips, which resemble each other and bloom all at the same time or only a few days apart.

Our bulbs are grown by one of the very best producers in Holland, and every year we receive many compliments on the quality of our bulbs.

In addition to First Size (11-12 cm.) bulbs for outdoor use, we offer Top Size (12 cm. and larger) for indoor forcing of certain varieties. *Orders for the larger bulbs for forcing must be placed in advance of shipping time, say before August 1st, as we will not carry a surplus stock of them for late orders.* Where an asterisk (*) appears before the name, the variety is suitable for forcing.

Tulips should be planted outdoors 5 to 6 inches deep, and about 6 inches apart. Avoid areas where Tulips have been grown during the previous two years, and do not use fresh manure.

Indoors, bulbs may be transferred to pots after two or three months in outdoor beds, when well rooted. Keep in a cool room before bringing them into ordinary house temperature.

SINGLE EARLY

These bloom about a week before the regular varieties and last until the others are in bloom. The flowers are bright colored, on stems up to 15 inches tall, which means that they are a little shorter than the so-called late Tulips.

DOUBLE EARLY

These are regaining their former popularity, as the flowers, which are double and somewhat resemble Peonies, are most attractive. They bloom just ahead of the Darwins, Triumphs, etc., on stems about a foot tall and will make an interesting addition to any rock garden, besides looking equally fine in beds.

DOUBLE LATE

These resemble Double Earlies, except that they bloom with the later Tulips. No planting is complete without some Doubles.

PARROTS

These are sometimes called Orchid Tulips. They have brilliantly colored, irregularly shaped flowers which are fringed, deeply cut, and frequently spotted with green. The newer varieties have good stems. Fantasy has been a popular Parrot for years.

MUSCARI

These are excellent for rock gardens and hardy borders. Plant the bulbs 2 to 3 inches deep and 3 to 4 inches apart.

Rule of Thumb for Planting Bulbs

When in doubt as to how deep to plant bulbs, use the old "Rule-of-Thumb" and plant them "three times their thickness." Thus, a bulb that measures an inch from top to bottom should be covered with 3 inches of soil.

SCILLA

Plant the bulbs 2 to 3 inches deep and about 3 inches apart. Scillas are fine for naturalizing in masses, in borders, or in rock gardens. Campanulatas are about 15 inches tall, Sibirica about 4 inches.

GALANTHUS (SNOW DROPS)

These will thrive under hedges and in borders, where they should be left to naturalize themselves. Plant them about 3 inches deep. They bloom very early.

CHIONODOXA

These bloom about the same time as Crocuses, are very hardy, and increase rapidly. Plant them about 3 inches deep and 3 inches apart, in masses for best effect.

BOXED BULBS

Ready to hand out to your customers. No handling, counting or labeling. Sold in case lots only, F.O.B. import pier. We will add freight from pier to cases shipped from our warehouses.

Boxes containing:	Large Case		Small Case	
	Boxes In Case	Your Cost Per Box	Boxes In Case	Your Cost Per Box
12 Red Tulips	15	\$.55	15	\$.62
12 Pink Tulips	10	.55	10	.62
12 Yellow Tulips	10	.55	10	.62
12 Lavender Tulips	10	.55	10	.62
12 Mixed Colors Tulips	15	.55	15	.62
Large boxes each containing 12 Red, 12 Pink, 12 Yellow and 12 Lavender Tulips in separate bags	15	1.95	—	—
50 Tulips, Mixed Colors	5	1.95	5	2.02
6 Blue Hyacinths (Bismarck)	10	.60	5	.67
6 Pink Hyacinths (Marconi)	10	.60	5	.67
6 White Hyacinths (L'Innocence) ..	10	.60	5	.67
12 King Alfred (yellow) Narcissi	20	.70	10	.77
18 L. Koster (red & white) Narcissi..	5	.90	—	—
Large boxes each containing 12 blue, 12 white, 12 striped and 12 yellow Crocuses, in separate bags	20	.85	10	.92

The large case costs you \$124.25 F.O.B. New York pier. The small one costs \$74.00 F.O.B. New York pier. Display material enclosed in each case.

We suggest selling for about double your cost.

Colored Illustrations

We can supply our dealers with natural color pictures about 6 x 8½ inches of the flowers of most kinds of the bulbs we sell. We will furnish one, free, on request, of any variety of which you order at least 100 bulbs.

There will be a charge of 5c each for pictures if you order fewer than 100 bulbs of the variety. These pictures are made in Holland and are a great improvement over the old style.