Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.
SIRENE TULIP. $1 per doz., $6.50 per 100, $60 per 1,000. See page 9.

HOSEA WATERER, SEEDSMAN AND BULB IMPORTER
714 Chestnut Street
PHILADELPHIA, PA.
The five varieties of Breeder, Cottage, and Darwin Tulips as illustrated include some of the choicest varieties for either garden display or cutting.

**Bronze Queen.** Golden bronze, extra-large. 28 in.  
**Flamingo.** Flesh-pink, tinted rose. 30 in.  
**Faust.** Purple-maroon. 26 in.  
**Moonlight.** Light, soft yellow. 24 in.  
**Cardinal Manning.** Rosy violet, edged bronze. 28 in.

<table>
<thead>
<tr>
<th>Quantity</th>
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<td>5 bulbs</td>
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<td>$13.25</td>
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<tr>
<td>100 bulbs</td>
<td>$26.00</td>
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</table>
Habe You Visited Our New Store?

PLEASE NOTE ADDRESS

In presenting this Autumn Catalogue of 1928 to our customers, old and new, we wish to express again our gratification at the splendid support we have received on every hand in our endeavor to supply American gardens with plants, seeds and bulbs of highest quality.

We are glad to say that during the past season our old customers favored us with much new business, and we have made many new friends, whom we attribute in no small measure to the excellent recommendations which our established customers have given us.

We thank all of you very much and state once more that we constantly endeavor to merit our friends’ confidence in every way. Our store is centrally located in Philadelphia and we are always glad to have our friends come in and get acquainted.

THE ADDRESS IS 714 CHESTNUT STREET

In buying anything you are first interested in quality and then in price. We import a large number of Dutch Bulbs each year and through long experience have learned where best to buy the different sorts. In placing your requirements in our care, you can accordingly be assured of the quality of our Bulbs at reasonable prices. May we anticipate the privilege of supplying you with the Bulbs you will need this fall?

Suggestions and Information for Ordering

To enable us to execute orders more promptly and to the complete satisfaction of our customers, we offer the following suggestions and information:

Order Early.—We endeavor to ship all orders immediately on receipt, but during the rush season it is almost impossible, hence the importance of ordering early.

Name and Address.—Please write on each order your Name, Post Office, Shipping Point or nearest Express Office, your County and State. Use the order sheet enclosed in catalogue if possible.

Prices.—It is our endeavor to maintain the prices quoted in this catalogue throughout the season, but in the event of unforeseen circumstances arising, we reserve the right to change the price of any article (in this catalogue) without notice.

Non-Warranty.—Hosea Waterer gives no warranty, express or implied, and will not be in any way responsible for the results of planting or forcing of any bulbs and roots he sends out. No complaints are entertained unless made on receipt of goods, and we cannot take any responsibility as to their flowering, which greatly depends upon their treatment. Every precaution is taken to send nothing but well-matured bulbs, such as will under ordinary circumstances produce the very finest flowers and give the utmost satisfaction.

FORWARDING.—All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

Parcel Post Rates

Weight Limit.—The weight limit within the First, Second, and Third Zones is now 70 pounds, and within all other Zones 50 pounds. Shipments of 20 pounds or over are cheaper if sent by express beyond the Second Zone.

DOMESTIC PARCEL POST RATES

| Distance from Philadelphia | Rate
|---------------------------|------|
| 1st Zone: 50 miles        | 7 cts per 100 lbs.
| 2nd Zone: 150-300 miles   | 6 cts per 100 lbs.
| 3rd Zone: 600-1000 miles  | 5 cts per 100 lbs.
| 4th Zone: 1400-1800 miles | 4 cts per 100 lbs.

All goods sent by parcel post are at purchaser’s risk, unless insured. Insurance is 5 cents for $5 or less, 8 cents for $5 to $25, 10 cents for $25 to $50. This insures delivery only, but not damage to package.

Please refer to our General Spring Catalogue for a complete list of the Flower and Vegetable Seeds, Garden Tools and Requisites, etc., which we can supply.

HOSEA WATERER, Seedsman

BELL PHONE: WALNUT 2112 714 Chestnut Street, PHILADELPHIA, PA.
Dutch Hyacinths

For Winter Flowering in the House. One bulb to a 5-inch pot or four to five bulbs of one variety in an 8-inch bulb-pan will prove very effective. Between September and the end of November plant the bulbs in potting soil or prepared fiber so that the tops just show above the surface. After planting, the bulbs should be placed in a dark, cool, airy place for a period of eight weeks. This develops the roots. Keep moist but not sodden. After about eight weeks have elapsed and bulbs have made some top growth, the pots may be removed to the house. Keep away from cold window draughts and drying furnace heat. By taking the pots at intervals of ten days, a succession of bloom may be enjoyed throughout the winter.

For Growing in Glasses. Set the bulbs so that the lower end merely touches the water. Put away in a cool, airy, dark place till the roots have developed; then remove by degrees to full light and air. A piece of charcoal in the water will keep it sweet.

For Outdoor Growing. Set the bulbs 5 to 6 inches apart, and top of bulb 4 inches deep. The time to plant is between October and the last of November before ground is frozen.

Novelties in Exhibition Hyacinths

Duke of Westminster
Rich deep blue, with white center; very large truss.

King of Lilacs
True lilac; fine spikes thickly set with large bells.

Pride of Holland
Bright porcelain-blue; large pyramidal spike. Extra fine.

Prince Hendrick
Clear yellow. The best yellow for early forcing.

Purity
Exceptionally fine spike of purest white.

Any of the above, 50 cts. each, $5.50 per doz., $37.50 per 100

GIANT EXHIBITION BULBS

These are varieties selected for their large-sized spikes, elegance of form, and beauty and richness of color. The bulbs are of mammoth size—the cream of the crop—and naturally command advanced prices. We offer this grade only in limited quantities and request early orders for them.

Price, any of the following varieties, 40 cts. each, $4 per doz., $27.50 per 100

SINGLE RED, ROSE, AND PINK

GENERAL DE WET. A fine light pink; large truss.

GERTRUDE. Deep rose-pink; large, compact truss.

LADY DERBY. Rose-pink; large, compact spike.

LA VICTOIRE. Carmine-rose; large, perfect spike.

MARCONI. Deep rose; extra-large, compact truss.

QUEEN OF THE PINKS. Brilliant, clear, bright pink; large, compact spike.

SINGLE YELLOW

CITY OF HAARLEM. Golden yellow; large, well-formed truss.

YELLOW HAMMER. Pure yellow; very fine truss.

SINGLE BLUE

CAPTAIN BOYTON. Sky-blue; immense truss.

CZAR PETER. Light porcelain-blue and lavender; very fine, large truss.

ENCHANTRESS. Clear porcelain-blue; splendid spike.

GRAND MAÎTRE. Deep lavender-blue, with darker blue shading; large truss.

Single Blue, continued

KING OF THE BLUES. Clear dark blue; large bells and splendid spike.

LORD BALFOUR. Distinct violet; large spike.

QUEEN OF THE BLUES. Clear, light porcelain-blue; extra fine.

SCHOTEL. Light blue; perfect truss. Good forcer.

SINGLE WHITE

LA FRANCHISE. Waxy white; very large bells.

LA GRANDESSE. Pure white; immense bells and truss.

L'INNOCENCE. Pure white; extra fine; large truss.

MME. KRUGER. Pure white; good truss; extra early.

QUEEN OF THE WHITES. A pure white sport of Queen of the Blues; large trusses on strong stems.

Glasses for Growing Hyacinths

We can supply two styles of these glasses

Tall and Low in assorted colors. 35 cts. each, $3.50 per doz.

These cannot be sent by parcel post

If to be sent by parcel post, add postage at your zone rate. One dozen bulbs weigh 4 pounds
EXTRA-SELECTED FIRST-SIZE HYACINTHS

First-size Hyacinth bulbs are suitable for both indoor and outdoor culture, being used almost exclusively for growing in pots and pans, as they force easily and bear large, well-developed trusses.

If to be sent by parcel post, add postage at your zone rate. One dozen bulbs weigh 3 pounds. See page 3 for postal rates.

Price, any of the following, 35 cts. each, $3.50 per doz., $23 per 100, postage extra.

**SINGLE RED, ROSE, AND PINK**

- **GENERAL DE WET.** A fine light pink; large truss.
- **GERTRUDE.** Deep rose-pink; compact spikes on good stems. A very popular forcing variety, also used for bedding.
- **GIANTS.** One of the best blush-pink varieties; very large truss of closely set bells.
- **LADY DERBY.** Beautiful, clear rose-pink, with large, compact trusses. Early and fine for both forcing and bedding.
- **LA VICTOIRE.** Shiny carmine-rose, with large, well-filled spikes. A splendid bedding variety.
- **MARCONI.** Bright deep rose; short, broad trusses, borne on stiff stems. A good forcer but particularly fine outdoors.
- **MORENO.** A beautiful lively pink; very large truss and bell. Splendid for pots.
- **QUEEN OF THE PINKS.** A very lovely pink; trusses broad and large, with good-sized bells and strong stems.
- **ROI DES BELGES.** Brilliant crimson-scarlet. A grand bedder.

**SINGLE BLUE AND PURPLE**

- **CAPTAIN BOYTON.** Dark sky-blue; large bells and very fine well-filled spike.
- **CZAR PETER.** Light lavender-blue; splendid spike. One of the finest for forcing.
- **DR. LIEBER.** Very early lavender-blue, tinged violet; large truss. Extra fine.
- **ENCHANTRESS.** Clear porcelain-blue; beautiful long spikes on strong stems. An excellent pot Hyacinth and the best light blue bedding variety.
- **GRAND MAITRE.** Deep lavender-blue with long, compact spikes of large bells on strong stems. One of the most popular blues. Fine for pots as well as bedding.
- **KING OF THE BLUES.** Dark violet-blue; splendid, large trusses. One of the best-known blue Hyacinths. Good for late forcing and bedding.
- **LORD BALFOUR.** Distinct violet; large spike.
- **QUEEN OF THE BLUES.** Clear, light porcelain-blue; a strong-growing variety with large, well-formed trusses. One of the best of its color, particularly for bedding.
- **SCHOTEL.** Light blue; perfect truss. Good forcer.
- **ARENTE AREDENSE.** One of the finest whites; long spikes with large, snowy white bells. Early, fine for forcing, and a good forcer.
- **CORREGGIO.** Pure white with long, well-filled trusses of large, substantial bells.
- **LA GRANDESSE.** Pure white with fine, compact spikes. The best late forcing variety and fine for bedding as well.
- **LA FRANCHISE.** Waxy white; very large bells.
- **L'INNOCENCE.** This is the most satisfactory all-round pure white; compact spikes with large bells. Does well indoors and out.
- **MME. KRUGER.** Pure white; large bells and spike. Early and excellent for forcing and bedding.
- **QUEEN OF THE WHITES.** A pure white sport of Queen of the Blues. Large trusses on strong stems. Early and a splendid forcer.

**SINGLE YELLOW**

- **CITY OF HAARLEM.** Golden yellow; large, well-formed truss.
- **YELLOW HAMMER.** The best-known and most popular yellow for forcing. Fine, compact trusses with medium-sized bells.

**DOUBLE HYACINTHS**

Extra-Selected, First-Size Bulbs

While Double-flowering Hyacinths do not, as a rule, produce so fine spikes as the single sorts offered on this page, yet they are exceedingly handsome and deserve extensive cultivation. The varieties listed below are those which we have found by actual tests to be the most satisfactory.

Any of the following, 35 cts. each, $3.50 per doz., $23 per 100, postage extra.

**DOUBLE PINK AND ROSE**

- **CHESTNUT BLOSSOM.** Light pink; extra-large spike.
- **PRESIDENT ROOSEVELT.** Deep rose; large spike.

**DOUBLE WHITE**

- **LA GRANDESSE.** The best double pure white.
- **PRINCE OF WATERLOO.** Pure white; large spike of large bells with slightly rose center.

**DOUBLE BLUE**

- **GENERAL KOHLER.** Bright blue. One of the best.
- **VAN SPEYK.** Light blue; compact spike; very large bells.

**DOUBLE YELLOW**

- **SUNFLOWER.** Considered the finest double pure yellow.

Bed of Extra-selected First-size Hyacinths.
MINIATURE OR DUTCH ROMAN HYACINTHS

These are small, single-flowering Dutch Hyacinths and quite distinct from the French Romans. Excellent for growing in pots, pans, or boxes, blooming early and freely. They may be planted close together with charming effect.

- **CARDINAL MANNING.** Bright red, long truss.
- **GERTRUDE.** Dark pink.
- **GIGANTEA.** Light rose.
- **GRAND MAITRE.** Lavender-blue.
- **LA GRANDESSE.** Pure white.
- **L'INNOCENCE.** Pure white.

**KING OF THE BLUES.** Deep blue.

**NIMROD.** Deep rose. The earliest of all pink Hyacinths.

**QUEEN OF THE BLUES.** Clear light porcelain-blue.

**YELLOW HAMMER.** Yellow.

Any of the above Miniature Named Hyacinths, 15 cts. each, $1.50 per doz., $11 per 100

EARLY FRENCH ROMAN HYACINTHS

The flowers are delightfully fragrant, and each bulb will throw up three to four spikes. For forcing, three or four bulbs are generally planted in a 5-inch pot in September, in good soil or fiber. The pots must be kept in a cool and dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings they may be had in flower all through the winter.

- **Pure White.** Mammoth bulbs, XXX. $1.90 $13.50
- **Pure White.** Extra-selected bulbs, XXXX. 2 75 19 00

Prepared Holland Bulb Fiber

This fiber is an ideal medium in which to grow bulbs. It is clean and free from odor and contains sufficient plant-food for the bulbs until after they have bloomed. Bulb Fiber is used in the same way as potting soil, except that it should not be packed down firmly in the pots. Keep the fiber moist, but not sodden or wet. Qt. 15 cts., ½pk. 45 cts., pk. 75 cts., ½bus. $1.25, bus. $2. If to be sent by parcel post, add postage at your zone rate—one peck weighs 4 pounds.
Tulips

For Outdoor Growing. Set the bulbs 4 to 5 inches deep and 5 to 6 inches apart. Plant in October or November, before the ground freezes, in good garden soil. Before very severe weather comes on, cover the beds with straw, leaves, or manure, to protect them from the frost; this should be removed when danger from hard frost is past in the spring.

For Pot-Culture. Use a good potting soil or fiber and set the bulbs so that the tops just show above the surface. The time to pot the bulbs is between September and the last of November. Use three or four bulbs to a 5-inch pot; six or seven to a 7-inch bulb-pan, or ten bulbs to an 8-inch bulb-pan. Keep pots in a dark, cool, airy place until roots have developed and top-growth has started; then the bulbs can be placed in the light. We send out Tulip bulbs of selected quality only. The height in inches follows the name of the variety.

SINGLE EARLY TULIPS

These Tulips are the earliest of all to flower and are of value for early bedding in the garden. As soon as they are through blooming, the bulbs can be lifted in time to use the beds for summer bedding plants. They are the easiest of all to force and the earliest.

Novelties in Single Early Tulips

**Cramoisi Royal**
Satin rose—distinct shade. Large flowers borne on tall stems. An excellent forcer. Height, 14 inches. $1.50 per doz., $8 per 100, $95 per 1,000.

**Diadem**
A very large flower and an unusual color in early Tulips, opening soft pale old-rose changing to salmon-pink, shaded pale rose as the flower ages, with inside deeper; white base starred yellow. Height 16 inches. $8.50 per doz., $60 per 100.

**Enchantress**
A large wine-red flower edged pale buff. Very beautiful and novel variety good for either forcing or bedding. Height, 10 inches. $1.00 per doz., $8 per 100, $75 per 1,000.

**Moonbeam**
A great improvement over Primrose Queen. Color a deep primrose-yellow, shading to a soft canary at edges. Very large, graceful flower. Height, 14 inches. $1.50 per doz., $12.50 per 100.

If wanted by parcel post add postage at your zone rate (see page 3). One dozen bulbs weigh 1 pound; 100 bulbs, 8 pounds

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**Albion** (White Hawk), 13 in. One of the Doz. 100 1,000
best white Tulips.. $8 00 $5 00 $50 00

**Belle Alliance**
12 in. Brilliant scarlet; large flower; excellent for forcing and bedding. 80 5 50 50 00

**Brilliant Star**
12 in. Brilliant vermilion-scarlet. Best scarlet for early forcing. 90 6 50 60 00

**Chrysolora**
12 in. Pure golden yellow. A good bedding. 90 6 50 60 00

**Cottage Maid**
11 in. Lovely rose-pink shaded with white. Excellent for forcing and for bedding. 85 6 00 55 00

**Couleur Cardinal**
13 in. Brilliant crimson. son. Splendid sort for forcing and for bedding. 90 6 50 60 00

**De Wet** (Fireglow), 16 in. A very handsome golden flower, having a flush of fiery orange-scarlet. It is very distinctive and is a true orange color when forced. 2 25 15 00

**Fred Moore**
15 in. Orange-yellow; sweet scented. Very handsome and early forcer. Very effective for bedding. 75 5 00 45 00

**Ibis**
13 in. This large Tulip is a very beautiful deep brilliant pink. A superb variety for forcing and a good bedder. 1 15 8 00 75 00

**Jooist Van Vondel, White** (True), 11 in. Doz. 100 1,000
best white Tulips. $8 25 $5 50 $50 00

**Keizerkroon**
16 in. Crimson-scarlet, bordered with clear yellow; large and very beautiful. Mother bulbs 1 20 8 50 80 00

**Max Havelaar**
13 in. Blood-orange, flushed salmon-rose; when forced the color becomes a beautiful cherry-red. 1 15 8 00 75 00

**Mon Tresor**
12 in. Rich golden yellow; large and perfect form. 1 15 8 00 75 00

**Ophir d’Or**
12 in. Golden yellow; large flower; grand bedder. 1 10 7 50 70 00

**Pink Beauty**
13 in. A large and lovely Tulip; glowing rose-pink, outer petals flushed with white. 1 75 12 00

**President Lincoln**
12 in. Clear magenta-violet; large flower. Very effective when grown beside a light yellow Tulip. Fine for beds, and a splendid forcing sort. 1 00 6 75 62 50

**Prince of Austria**
14 in. Fine orange-red; sweet scented. One of the best forcers and a splendid bedder. 75 5 00 45 00

**Proserpine**
very large flower. Mother bulbs 1 00 7 00 65 00

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PARROT TULIPS

This class of Late-flowering Single Tulips is very suitable for cutting purposes. The flowers, quaintly shaped and borne on long stems, remain in good condition for a long time after being cut. Parrot Tulips are large, of striking colors, growing 14 to 15 inches high.

Fantasy. A wonderful Tulip. Clear rose-pink with apple-green marks and spots on outer sides of petals; base white, with black anthers. A Parrot form of the well-known Darwin, Clara Butt, of which it is a sport. The large, erect flowers are borne on a stiff stem. Height, 24 inches. We are pleased, owing to the increased stock of this beautiful novelty, to offer it this year at the following prices. 85 cts. each, $9 per doz., $70 per 100.

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<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Doz.</th>
<th>100</th>
<th>50</th>
<th>25</th>
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<tr>
<td>Fantasy</td>
<td>Clear rose-pink with apple-green marks and spots on outer sides of petals; base white, with black anthers. A Parrot form of the well-known Darwin, Clara Butt, of which it is a sport.</td>
<td></td>
<td></td>
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</tbody>
</table>
COTTAGE TULIPS

(May-flowering)

We have made a selection of the most desirable varieties in this class, and they deserve a place in every garden. Some of the most delightful shades are found in this family of late-flowering Tulips, as well as some of the most brilliant. All are long and stiff-stemmed, and are admirably adapted for cutting purposes.

Novelties in Cottage Tulips

Dido
Truly a wonderful Tulip. The perfect flower is borne on strong, straight stem, and its color is a rich orange-rose, margined bright orange-yellow with inside bright orange and yellow base—most unusual and magnificent. Sweet scented. Height, 30 inches. $4.25 per doz., $30 per 100.

Kingfisher
Quaint combination of creamy yellow and burning violet; large flower on strong, straight stem. Height, 18 inches. $3.75 per doz., $25 per 100.

Marvel
Inside old-gold, outside salmon-rose, edged yellow; sweet scented. A very attractive Tulip. Height, 26 inches. $1.50 per doz., $10 per 100, $95 per 1,000.

Nectar
A very effective Tulip of glorious fiery crimson, with pure white base and slightly reflexed petals. A splendid forcer. Height, 24 inches. $1.50 per doz., $10 per 100, $95 per 1,000.

Quaintness
A large, handsome flower of golden brown, flushed on center of petals with dull old-gold; inside salmon-rose, deepening to mahogany-brown at the yellow base—a unique color for a Cottage Tulip. Height, 24 inches. $3.75 per doz., $25 per 100.

Sirene
A lovely lily-flowering type, not only on account of its cerise-pink color with white base, but because of the beautiful urshaped flowers. Height, 26 inches. $1 per doz., $6.50 per 100, $60 per 1,000.

Vesta
Long-stemmed variety with bold, more or less Darwin-shaped flower of purest white, with black filaments. Splendid for early forcing. The outstanding white Tulip in this class. Height, 28 inches. $1.60 per doz., $10 per 100, $60 per 1,000.

Ambrosia. Large brony flower with lilac-Doz. 100 1,000.
Argo. Yellow, mottled red and passing off to reddish brown; delicate bronze-salmon when forced. 22 in. Round flower, on strong stem; 175 12 00.
Avis Kennicott. Very large, chrome-yellow flower with striking black base and anthers. 23 in. (Ida). 20 in. Pure deep yellow; large, globe-shaped flowers. 175 12 00.
Bouton d'Or. Beautiful flower of large size, with fragrance like that of the orange. 10 in. (Hobbema). 13 in. Salmon-pink with lilac shade. Beautiful. 65 40 00.
Ellen Willmott. Large flower, Rosy lemon-tupe, margined with yellow. 25 in. Soft creamy yellow. 65 4 00.
Fairy Queen. Large flower, Rosy lemon-tupe, margined with yellow. 26 in. I m e n s e golden yellow. 65 4 00.
Gesneriana Lutea. 26 in. Very large, brilliant scarlet flowers, with blue-black center. 65 4 00.
Gesneriana Major. Large, handsome flower of golden brown, flushed on center of petals with dull old-gold; inside salmon-rose, deepening to mahogany-brown at the yellow base—a unique color for a Cottage Tulip. Height, 24 inches. $3.75 per doz., $25 per 100.
Golden Spire. Large, handsome flower of golden yellow, edged with orange-scarlet. 1 15 8 00.

Planting of Cottage Tulips

Cottage Tulips, continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Size</th>
<th>Color</th>
<th>Price per Doz.</th>
<th>Price per 100</th>
<th>Price per 1,000</th>
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</thead>
<tbody>
<tr>
<td>Grenadier</td>
<td>21 in.</td>
<td>Brilliant orange-red.</td>
<td>$80</td>
<td>$5 50</td>
<td>$90</td>
</tr>
<tr>
<td>Hammer Hales</td>
<td>24 in.</td>
<td>Golden brown, suffused with old rose; inside apricot with yellow edge</td>
<td>85</td>
<td>6 00</td>
<td>55</td>
</tr>
<tr>
<td>Inglecombe Pink</td>
<td>25 in.</td>
<td>Beautiful long rose-pink.</td>
<td>65</td>
<td>4 00</td>
<td>35</td>
</tr>
<tr>
<td>Inglecombe Yellow</td>
<td>23 in.</td>
<td>Large globe-shaped flower.</td>
<td>65</td>
<td>4 00</td>
<td>35</td>
</tr>
<tr>
<td>John Ruskin</td>
<td>24 in.</td>
<td>Enormous light yellow</td>
<td>75</td>
<td>5 00</td>
<td>45</td>
</tr>
<tr>
<td>La Merveille</td>
<td>20 in.</td>
<td>Salmon-rose, shaded orange-red; fragrant</td>
<td>65</td>
<td>4 00</td>
<td>35</td>
</tr>
<tr>
<td>Le Reve</td>
<td>25 in.</td>
<td>Salmon-pink with lilac shade.</td>
<td>85</td>
<td>6 00</td>
<td>55</td>
</tr>
<tr>
<td>Moonlight</td>
<td>24 in.</td>
<td>Enormous light yellow</td>
<td>75</td>
<td>5 00</td>
<td>45</td>
</tr>
<tr>
<td>Mrs. Moon</td>
<td>20 in.</td>
<td>Magnificent and immense rich orange-yellow</td>
<td>100</td>
<td>7 00</td>
<td>65</td>
</tr>
<tr>
<td>Orange Beauty</td>
<td>17 in.</td>
<td>Splendid yellow flower, with elegantly recurved petals.</td>
<td>70</td>
<td>4 50</td>
<td>40</td>
</tr>
<tr>
<td>Picotee</td>
<td>24 in.</td>
<td>White, penciled and margined with pink</td>
<td>65</td>
<td>4 00</td>
<td>35</td>
</tr>
<tr>
<td>Retroflexa</td>
<td>16 in.</td>
<td>Large long flower of white touched with primrose through the outside center of petals.</td>
<td>90</td>
<td>6 50</td>
<td>60</td>
</tr>
<tr>
<td>The Fawn</td>
<td>17 in.</td>
<td>A sweet-scented creamy flower of large size, with fragrance like that of the orange.</td>
<td>75</td>
<td>5 00</td>
<td>45</td>
</tr>
<tr>
<td>Walter T. Ware</td>
<td>18 in.</td>
<td>The deepest and richest of all the yellow.</td>
<td>175</td>
<td>12 30</td>
<td>85</td>
</tr>
<tr>
<td>Extra-Fine Mixed.</td>
<td>All colors</td>
<td>50 30 30 00</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DARWIN TULIPS (May-flowering)

For the borders, among other hardy flowers, for isolated grouping against a background of shrubs, or for combinations of delicate colors for effects of contrast in the flower garden, the Darwins are matchless. They flower about the middle of May, a time in which the spring flowers are over and the summer flowers have not yet come in. They last a very long time when cut.

Novelties in Darwin Tulips

**Bene Est**
Flower a delicate tint of pure creamy yellow—quite a new and distinct shade in the Darwins. Height, 32 inches. $1.25 each, $12 per doz.

**Bleu Celeste**
Bright violet-purple; inside darker; white base and blue halo. A handsome Tulip of large size and shapely form. One of the best for late forcing. Height, 30 inches. $4.25 per doz., $30 per 100.

**Duchess of Hohenberg**
A magnificent very large flower of perfect form borne on a stiff stem. Color pale slaty lilac-mauve, with a stripe of rosy heliotrope; inside pale lilac with white base. Height, 28 inches. $2.50 per doz., $17.50 per 100.

**Giant**
Very handsome flower of enormous size borne on tall, sturdy stem. Color dark reddish purple shaded violet; white base and blue star. Height, 30 inches. $1.25 per doz., $9 per 100, $85 per 1,000.

**King George V**
An immense flower of unusual substance, carried on a very strong stem. Color brilliant cherry-red; white base starred blue. Especially fine for show work as it forces beautifully. Height, 25 inches. $2.25 per doz., $15 per 100.

**Prince of Wales**
Enormous flower of bright rosy crimson with scarlet flush and blue base. Very fine forer. Height, 28 inches. $3 per doz., $20 per 100.

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**Afterglow.** 26 in. Deep rosy orange, with Doz. 100 1,000
salmon shading at edges of petals; inside deep orange with yellowish base. A showy Tulip for outdoors.....$1 15 $8 00 $75 00

**Anton Mauve.** 32 in. Enormous, cup-shaped flower of deep bluish lilac, lighter at edge. ............ 1 10 7 50 70 00

**Aphrodite.** 32 in. A very beautiful Darwin of clear silvery pink color, deeper inside. Very large flower on tall stem 2 25 15 00

**Ariadne.** 28 in. A glowing rose-crimson shaded scarlet, blue base. 80 5 50 50 00

**Baronne de la Tonnaye.** 30 in. A long beautiful flower; clear carmine-rose at the midrib, toning off to soft pink at the edges. ....... 65 4 00 35 00

**Bartigon.** 28 in. Large flowers of fiery crimson with white base. ....... 65 4 00 35 00

**Bleu Aimable.** 25 in. Pale lavender, with Doz. 100 1,000
white base, starred blue; beautiful flower of distinct shape. $80 80 $5 50 $50 00

**Centenaire.** 30 in. Rich violet-rose with blue base. A magnificent flower for the border and good for forcing. ........ 70 4 50 40 00

**Clara Butt.** 22 in. A large flower of remarkable beauty; an exquisite shade of soft salmon-pink shaded rose. ....... 65 4 00 35 00

**City of Haarlem.** 27 in. Largest, and easily the best bright red Darwin Tulip. Huge flowers on long, sturdy stems; glowing scarlet with slate-blue base. .................. 1 85 13 00

**Dream.** 26 in. Large cup-shaped flower of heliotrope with silvery lilac margin; blue base. ................. 70 4 50 40 00
<table>
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**COLLECTION No. 2**

Four of the finest and most reliable Tulips. They may be planted separately or in two groups. The lovely shell-pink of Clara Butt blends beautifully with the rosy scarlet of Farncombe Sanders, and the delicate pale violet of Dream makes an exquisite contrast with the golden brown of Dom Pedro.
A splendid assortment representing practically all the very distinct groups in the Narcissus family, from the long trumpets of Victoria and Emperor to the short-cupped Poeticus ornatus.
Darwin Tulips, continued

Edmee. 25 in. Vivid cherry-rose, edged soft pink—brightest color in this type; large flower. Price: $0.75 per doz., $5.00 per 100, $45.00 per 1,000.

Faust. 30 in. Deep purple-maroon; large and brilliant. Price: $1.00 per doz., $7.00 per 100, $65.00 per 1,000.

Flamingo. 26 in. Lovely flesh-pink tinted rose, distinct color. Price: 80 cts. per doz., $5.00 per 100, $45.00 per 1,000.

Frans Hals. 29 in. Enormous violet-blue flower on a strong stem. Price: 90 cts. per doz., $6.00 per 100, $55.00 per 1,000.

Gretchen (Margaret). 22 in. Lovely globular flower of delicate blush and silvery pink. Price: 65 cts. per doz., $4.00 per 100, $35.00 per 1,000.

Harry Veitch. 23 in. Blood-red with brighter edge and blue base; very brilliant; medium-size. Price: 75 cts. per doz., $5.00 per 100, $45.00 per 1,000.

King Harold. 24 in. Intense ruby-ebony, center rich black; very tall and of fine form; new and stately variety; very distinct. Price: 75 cts. per doz., $5.00 per 100, $45.00 per 1,000.

La Fiancée. 30 in. Deep rose, shading to old-rose and delicate pink at edges; blue base. Handsome flower on straight, long stem. Price: 1.25 per doz., $9.00 per 100, $85.00 per 1,000.

La Tristesse. 26 in. Blush slate color, white base; very distinct. Price: 75 cts. per doz., $5.00 per 100, $45.00 per 1,000.

La Tulipe Noire (The Black Tulip). 26 in. The blackest of all Tulips; a large broad flower of glossy black. Price: 85 cts. per doz., $5.00 per 100, $55.00 per 1,000.

Le Notre. 26 in. Beautiful shade of bright pink; blue base, very large flower on a strong stem. Price: 75 cts. per doz., $5.00 per 100, $45.00 per 1,000.

Marcelline. 27 in. Deep purple when the flower first opens, gradually changing to ashy purple as the flower ages; pure white base. Price: 80 cts. per doz., $5.00 per 100, $50.00 per 1,000.

Mme. Krelage. 28 in. A grand flower of purplish rose, white base. Price: 65 cts. per doz., $4.00 per 100, $35.00 per 1,000.

Mr. Farncombe Sanders. 26 in. One of the best of the white Darwin. Price: 70 cts. per doz., $4.50 per 100, $40.00 per 1,000.

Painted Lady. 25 in. Brilliant orange-scarlet; extra fine. Price: 65 cts. per doz., $4.00 per 100, $35.00 per 1,000.

Philippe de Comines. 26 in. Large, velvety dark purple flower on stiff stem. Price: 70 cts. per doz., $4.50 per 100, $40.00 per 1,000.

Pride of Haarlem. 28 in. Magnificent flower of immense size; coloring brilliant salmon-rose, shaded with scarlet; blue base. Price: 65 cts. per doz., $4.00 per 100, $35.00 per 1,000.

Princess Elizabeth. 26 in. A long rose-bud-shaped flower of the deepest pink on a stiff stem. Price: 70 cts. per doz., $4.50 per 100, $40.00 per 1,000.

Professor Rauwenhof. 28 in. Deep cherry-rose, with salmon glow inside; bright blue base; extra large. One of the finest for early forcing. Price: 65 cts. per doz., $4.00 per 100, $35.00 per 1,000.

Psyche. 26 in. A very large flower of rich rose color; inside shaded silvery rose; center pale blue. Price: 75 cts. per doz., $5.00 per 100, $45.00 per 1,000.

Rev. H. Ewbank. 20 in. A large broad flower of silvery lavender, shading toward the center into bluish heliotrope. Price: 65 cts. per doz., $4.00 per 100, $35.00 per 1,000.

Ronald Gunn. 28 in. Velvety violet, edged lavender, with white base, the general effect being almost true blue. Price: 85 cts. per doz., $5.00 per 100, $45.00 per 1,000.

Sir Trevor Lawrence. 33 in. Violet-maroon, with a flush of ashy purple; inside violet-maroon with white base; enormous cup-shaped flower on tall stem. Price: 1.25 per doz., $9.00 per 100, $85.00 per 1,000.

Darwin Tulips

Suzon. 28 in. Center of petals buff-rose, shading to bluish at the margin, with white base, delicately marked blue. 75 cts. per doz., $5 per 100, $45 per 1,000.

Valentin. Beautifully shaped and carried on long stems. 85 cts. per doz., $5 per 100, $45 per 1,000.

White Queen. 24 in. Buds tinged with pink; mature flowers almost pure white. The best-known white Darwin for bedding and forcing. 70 cts. per doz., $4.50 per 100, $40 per 1,000.

William Copland. 25 in. Delicate lavender. The best early forcing variety. 75 cts. per doz., $5 per 100, $45 per 1,000.

William Pitt. 24 in. One of the largest and grandest of the Darwins. Brilliant carmine, center of petals overspread with dark red. 80 cts. per doz., $5.00 per 100, $50 per 1,000.

Yolande. 29 in. Soft cerise, tinted salmon; yellow base; large, beautiful flower. Very effective in the garden. 2.75 per doz., $19 per 100.

Giant Darwins Mixed. Selected from our stock of named varieties to form a well-balanced color combination. All are large-flowering, with good, strong stems. 75 cts. per doz., $5 per 100, $45 per 1,000.

Mixed Darwins. All colors. 50 cts. per doz., $3.25 per 100, $30 per 1,000.
DUTCH BREEDER TULIPS (May-flowering)

Similar in habit to Darwins, and flower at the same time. Their chief characteristic is their immense blooms borne on strong, stiff stems, many of them longer than the Darwins. The revival of the taste for art colors has made these Tulips strong favorites with American enthusiasts, who find in their bronze, buff, and brown shades excellent material for contrasting with the light and bright colors of the Darwins.

Novelties in Breeders

**Copernicus**
A very handsome dark coppery bronze Tulip, flushed old-rose; interior warm brown with yellow base. Height, 27 inches. $1.10 per doz., $7.50 per 100, $70 per 1,000.

**Coridion**
Clear yellow with stripe of lilac through center of petals—a very distinct color among the Breeders. Height, 24 inches. $2.25 per doz., $15 per 100.

**Heloise**
A large cup-shaped flower on stiff straight stem. Color deep cardinal-red, overlaid with mahogany. A glorious flower for outdoors. Height, 28 inches. $2.25 per doz., $15 per 100.

**James Watt**
Outside slaty purple; inside mahogany. Shaded purple on a lighter base. A Breeder of exquisite form and color. Height, 26 in. $2.75 per doz., $18 per 100.

**Pink Pearl**
A rather unusual color in the Breeder Tulips, being a lilac-pink with inside rose, shaded white. Magnificent flower on a good stem. Height, 27 inches. $3.75 per doz., $25 per 100.

**Vulcain**
Reddish apricot, with broad margin of buff-yellow; inside apricot-yellow; base olive-green. A splendid border variety, frequently having an extra number of petals. Height, 25 inches. $1.50 per doz., $10 per 100, $95 per 1,000.

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**Abd-el-Kader**
26 in. Dark coppery bronze; lighter border; very beautiful. $1 75 $12 00

**Apricot**
25 in. Dull, brassy buff, shaded apricot; base olive-green. A splendid border variety, frequently having an extra number of petals. 1 10 7 50 $70 00

**Bacchus**
32 in. Dark violet-blue, the outsides of the petals having a darker bloom; base starred white. Quite the nearest approach to dark blue in late Tulips. 1 50 10 00 95 00

**Bronze Queen**
28 in. Soft golden bronze; large flower of sturdy habit. A very exquisite color when forced and splendid for the border. 75 5 00 45 00

**Cardinal Manning**
28 in. A splendid shade of rosy violet, with a slight edge of bronze; large-sized flower of fine form. 85 6 00 55 00

**Dom Pedro**
24 in. Coffee-brown with a narrow edge of golden brown; inside rich mahogany with olive base. Flowers large and fragrant. 1 50 10 00 90 00

**Godef Parfait**
30 in. Dark blue-purple, with white base and blue halo; very large flower of striking color. 1 20 8 50 80 00

**Golden Bronze**
24 in. Old gold; shaded bronze. A large, well-formed flower of attractive appearance. 85 6 00 55 00

**Jaune d’Oeuf**
26 in. Coppery yellow, with broad stripe of lilac; inside bronze-yellow with dark green center. A splendid variety for forcing and fine for borders. 90 6 50 60 00

**Klopstock**
26 in. Clear violet-blue, shaded Doz. 100 1,000

**Louis XIV**
32 in. An even tone of dark purple, with a broad margin of golden bronze. A very large flower of wonderful substance. 1 20 8 50 80 00

**Lucifer**
28 in. Rich rosy orange, edged orange-scarlet. A brilliant flower of majestic form, on a tall stem. 3 00 20 00

**Marie Louise**
24 in. A very richly colored flower—old-rose, flushed orange-salmon, edged bronze orange; olive base. 85 6 00 55 00

**Panorama**
26 in. One of the best flowers of large size; deep orange-red or terra-cotta shaded mahogany. 75 5 00 45 00

**Plutarchus**
26 in. Bronze, with dull lilac bloom, inside shaded terracotta, with olive green base. Well-formed flower on strong stem. Very good forcer. 1 15 8 00 75 00

**Prince of Orange**
25 in. Large, showy flowers; terra-cotta, edged orange with yellow base and black center. 1 25 9 00 85 00

**Velvet King**
26 in. Immense flowers of rich, royal deep purple, held erect on tall, stout stiff stems and lasting in good condition for a long time. 1 25 9 00 85 00

**Yellow Perfection**
26 in. A large flower of remarkable beauty. Light bronze-yellow, edged golden yellow; interior bronze brown; yellow base starred green. 90 6 50 60 00

**Mixed Breeders**
65 4 00 35 00

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Showing the long stems of Breeder Tulips
AUTUMN CATALOGUE • 1928

REMBRANDT TULIPS

These Late or May-flowering Garden Tulips are in reality Darwin Tulips which have "broken" into permanent variegations—flowers of various rich colors are striped, blotched, and marked with different shades and colors.

**BUTTERFLY.** Soft lilac, with deep carmine stripe. $1 per doz., $6.50 per 100.

**RED PRINCE.** Fiery red flames on rosy ground. $1 per doz., $6.50 per 100.

**CHOICE MIXED VARIETIES.** 85 cts. per doz., $6 per 100, $55 per 1,000.

ROSE BYBLÉMEN TULIPS

Magnificent late May-flowering Garden Tulips, producing immense, perfectly formed flowers on tall stems; coloring, white ground with beautiful stripes and markings of crimson, pink, scarlet, and rose.

**CHOICE MIXED ROSE BYBLÉMENS.** 85 cts. per doz., $5.50 per 100, $50 per 1,000.

VIOLET BYBLÉMEN TULIPS

Large, late May-flowering Garden Tulips, blotched, striped, or feathered with blue, lilac, violet, purple, or black on white ground.

**CHOICE MIXED VIOLET BYBLÉMENS.** 85 cts. per doz., $5.50 per 100, $50 per 1,000.

SPECIES TULIPS

A race of small, dainty-flowered, dwarf-growing Tulips of western Europe and Asiatic origin. Rare and beautiful flowers for the rock-garden or for naturalizing in nooks and corners among the shrubbery or perennial border.

**Clusiana.** The "Little Lady" Tulip. A variety from Asia Minor. Outer petals cherry-red, inner petals white with violet. This variety may be used for late forcing or when planted outside should be planted 6 inches deep. Grows about 8 inches in height. 90 cts. per doz., $6.50 per 100, $60 per 1,000.

**Eichleri.** (Turkestan) Large flowers of fiery crimson-scarlet with glistening black center, marked with gold. Height, 11 inches. $2.25 per doz., $15 per 100.

**Greigii.** (Europe.) Glittering orange-scarlet, with black-blotched center. Foliage is spotted maroon. Likes a hot, dry situation with good drainage. Very scarce. Height, 10 inches. $3.75 per doz., $25 per 100.

**Persica.** (Persia.) Fragrant yellow flowers; outside bronze. Two or three blooms on a stem. Splendid for rockery. Height, 4 inches. $2.25 per doz., $15 per 100.

**Kaufmanniana.** (Turkestan) Primrose-yellow with golden yellow center; outside pink. Flowers open wide on short stem. Splendid for naturalizing in shady places and fine for forcing. Height, 5 inches. $3.75 per doz., $25 per 100.

**Sprengeri.** (Armenia) Large flowers of bright orange-scarlet. The latest to bloom and naturalizes readily. Height, 10 inches. $3 per doz., $20 per 100.

**Sylvestris.** (Europe) Fragrant yellow flowers with bronze exterior, often two on a tall, slender stem. Very interesting. Height, 18 inches. $2.25 per doz., $15 per 100.

Species Tulip, Kaufmanniana

Species Tulips, continued

Border of Cottage Tulips
Narcissi for Naturalizing. An excellent mixture containing the best varieties of the following types: Barri, Leedsi, Incomparabilis, Poeticus, Poetaz, and Trumpet which are suitable for naturalizing along the outside edges of the shrubbery border, along woodland walks, on the margins of lakes and streams, through the woodlands and meadows, or any nook or corner where they can be left undisturbed indefinitely. For larger blooms they should be dug up every three or four years, separated and replanted. $7.50 per 100, $70 per 1,000.

NARCISSI

No spring-blooming flowers are more deservedly popular than Narcissi, but because of Quarantine No. 37 the usual sources of supply in Europe have been cut off. We have succeeded in securing a sufficient quantity of the following varieties which have been grown in the United States, and offer them with the confidence that they will prove every bit as satisfactory as the bulbs heretofore obtained abroad.

Narcissi may be grown in the garden, or naturalized among perennials and shrubs. Once planted they increase in quantity and beauty from year to year.

LARGE TRUMPET NARCISSI

These are select varieties, suitable for garden culture or growing in pots.

Cervantes. A very early variety. Perianth clear sulphur; trumpet yellow and nicely frilled. $2.25 per doz., $16 per 100.

Emperor. Perianth deep primrose-yellow; trumpet rich yellow; a very large flower. Excellent for naturalizing or forcing. $1.75 $12.00

Empress. White perianth of great substance; trumpet rich chrome-yellow. Showy for border or naturalizing. $1.75 $12.00

Giant Princeps. One of the most popular; perianth sulphur-yellow; trumpet rich yellow. As a forcing variety it is superior in every way, and a fine sort for naturalizing. $2.25 per doz., $15 per 100.

Golden Spur. A very good variety, both perianth and trumpet being of a rich yellow color. It is of unusually robust habit and unsurpassed for garden, pots, or forcing. $1.75 $12.00

Glory of Sassenheim. Beautiful large bicolor. An enlarged Victoria. Very early forcer. $2.50 per doz., $17.50 per 100.

King Alfred. This is considered the largest and finest deep golden yellow Trumpet variety. A tall, strong grower, with magnificent frilled trumpet and large perianth, all of a uniform rich golden yellow. $3.00 $20.00

Olympia. This remarkably fine Daffodil might briefly be described as a greatly improved Emperor, being much larger and of a richer, deeper color. $4.25 per doz., $30 per 100.

Robert Sydenham. Sulphur-yellow, well-formed perianth; excellent as a greatly improved Emperor, being much larger and of a richer, deeper color. $4.25 per doz., $30 per 100.

Spring Glory. Clear white perianth with long petals of splendid form; long trumpet of deep yellow, well reflexing at the brim. $3 per doz., $20 per 100.

Sulphur Beauty. Sulphur-yellow trumpet; white perianth. $3.75 per doz., $25 per 100.

Van Waveren's Giant. This is the largest Narcissus in cultivation. Perianth soft primrose-yellow with an immense bright yellow trumpet fringed at the rim. Strong, vigorous grower, and just as satisfactory for growing in pots as in the garden. 50 cts. each, $5 per doz., $35 per 100.
Large Trumpet Narcissi, continued

**Victoria.** A Bicolor famous for its large and durable flowers which stand boldly erect; broad perianth of creamy white; large, broad, fluted trumpet of rich yellow. Doz. $1.15

Large Bulbs.....................................$1.75 $12.00
Mammoth Bulbs...................................2.50 17.50

**W. P. Milner.** Miniature white trumpet and perianth. Splendid for rockeries or for forcing in small pans. $2.25 per doz., $15 per 100.

**Giants Trumpets in Mixture.** An excellent mixture of the large trumpet varieties suitable for naturalizing in the shrubbery border and woodlands. $1.75 per doz., $12 per 100, $110 per 1,000.

**MEDIUM TRUMPET NARCISSI**

A beautiful class, with large, sweet-scented flowers borne upright on long and strong stems. The perianth is composed of large petals, and the cup is of medium length. The bulbs are hardy and if planted deep enough will withstand very severe winter weather. They are also very showy planted in beds and are easily grown in pots for winter and spring blooming.

**Bernardino.** (Incomparabilis.) Large, creamy perianth; cup widely expanded and frilled, stained deep orange and apricot. A truly superb variety. $4.25 per doz., $30 per 100.

**Conspicuous.** (Barri.) Large, soft yellow perianth; short cup, edged orange-scarlet. A popular and distinct variety. $1.50 per doz., $10 per 100.

**Evangelina.** (Leedsi.) Pure white perianth; lemon-yellow cup. $2.25 per doz., $15 per 100.

**Lucifer.** (Incomparabilis.) A large-flowering variety with white perianth and cup of glowing red-orange; strong grower. $1.85 per doz., $13 per 100.

**Mrs. Langtry.** (Leedsi.) A free-flowering variety with broad perianth and white cup opening pale primrose. $1.25 per doz., $8.50 per 100.

**Seagull.** (Barri.) Large, spreading, pure white perianth; cup canary-yellow, edged apricot. $3 per doz., $20 per 100.

**Sir Watkin.** (Incomparabilis.) Primrose perianth; crown yellow, tinged bright orange. This is the largest and most popular of the short-cup Narcissi; perfectly hardy and recommended for growing in pots, beds, or borders. Doz. 100

Mammoth Bulbs..................................$2.50 17.50

**Southern Gem.** (Leedsi.) Beautiful, pure white petals; large lemon-yellow crown. A splendid flower of rare symmetry. Forces well. $2.25 per doz., $15 per 100.

**White Lady.** (Leedsi.) Virtually a white Sir Watkin. Large, broad, pure white perianth; bold frilled cup of pale citron passing to white. $1.75 per doz., $12 per 100.

**DOUBLE NARCISSI, OR DAFFODILS**

The double varieties are particularly well adapted for winter forcing and keep a long time as cut-flowers. Grown in the open they are suited for planting in solid beds, or they may be naturalized either in the lawn, the meadow, or the woodland. A clump here and there in the perennial bed makes a very attractive showing.

**Alba Plena Odorata.** A sweet-scented, pure white variety called Double Poet's Narcissus. It flowers later than many of the other Daffodils, and is not desirable for forcing, but makes a handsome show bedded among perennial plants and shrubbery. $1.75 per doz., $12.50 per 100.

**Incomparable, Double.** The color is yellow and orange, and it makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. $2.50 per doz., $17 per 100.

**Orange Phœnix.** Eggs and Bacon. Beautiful double white flowers with orange center. Splendid for pot culture and cutting. $2.50 per doz., $17 per 100.

**Primrose Phœnix.** Large, rose-shaped, primrose-yellow flower on long stem. $3.50 per doz., $25 per 100.

**Double Von Sion.** The true "Double Yellow Daffodil." Rich golden yellow perianth and trumpet. This is the old favorite so highly prized in old-fashioned gardens. Doz. 100

First Size Bulbs..................................$1.75 $12.00
Mammoth Size Bulbs.............................2.25 16.00

**NARCISSUS POETICUS**

Poet's or Pheasants-Eye Narcissus

Old-fashioned favorite type: all have snowy white flowers, with yellow or lemon cups margined more or less deeply with red and with rich, spicy odor. Do well in the open border, or naturalized in grass, are perfectly hardy, and once planted take care of themselves.

**Horace.** Pure white perianth; conspicuous red eye. Free-flowering and strong-stemmed. A splendid forcing variety. $3 per doz., $20 per 100.

**Ornatus.** More symmetrical than the old Poeticus, and blooms much earlier; flowers large, pure white; cup margined with scarlet. Doz. 100

Mammoth Size Bulbs.............................$1.65 $11.00

**Recurvus.** (The Old Pheasants-Eye). Pure white perianth; cup deep orange-red. Late bloomer. $1.15 per doz., $8 per 100.
NARCISSUS POETAZ
You can grow the lovely Poetaz Narcissus out-of-doors without danger—perfectly hardy. Flowers are the shape of Poeticus varieties, with free-flowering habits of the Polyanthus. Several flowers in a cluster on one stem. Excellent for forcing, as well as the garden.

Early Perfection. New. The earliest of all. Can be forced to bloom in January. White with yellow cup. Three to four flowers on a stem. $3.25 per doz., $22.50 per 100.

Elvira. A large flower of remarkable substance; perianth pure white with a yellow eye; three or four flowers on a stem. Splendid for pots, pans, or garden culture. $2.25 per doz., $15 per 100.

Helios. Creamy yellow; pure yellow cup. Good forcer. $2.25 per doz., $15 per 100.

Laurens Koster. Perianth pure white, with delicate orange cup. Splendid for bedding. $2.25 per doz., $15 per 100.

Orange Cup. Creamy white; conspicuous orange cups—a most delightful color combination. There are six to eight florets per stem and usually two stems per bulb. $3.75 per doz., $25 per 100.

CHINESE SACRED NARCISSI
If to be sent by parcel post, add postage at your zone rate—one dozen bulbs weigh 5 pounds

Flowers in clusters very similar to those of the Paper-White Narcissus, but the cups within the petals are yellow. Planted in pots or bowls, in soil or in water with pebbles, they bloom in from six to eight weeks. Plant bulbs at intervals of ten days up to Christmas.

MAMMOTH BULBS. 30 cts. each, $3 per doz., $20 per 100.

"You can have bulbs in bloom throughout the entire year"

A New Book
THE BOOK OF BULBS
By F. F. ROCKWELL
Illustrated . . . $3
Miscellaneous Bulbs and Roots

AMARYLLIS

On receipt of the bulbs in the autumn they should be placed where they will always be slightly moist and warm, under the benches of a greenhouse, for example. Do not pot up the bulbs before the flower-buds appear; when first potted, give very little water, and promote growth by giving moderate bottom heat; increase the supply of water as the plants progress. Very often the mistake is made of potting up the bulbs too early; the consequence is that only leaf-growth is made.

GIANIT AMERICAN HYBRIDS. We believe this selection is the best obtainable at the present time and we know of nothing that will give the amateur greater pleasure for the window-garden. They are of vigorous growth, free-flowering habit, and enormous size of the individual flowers. We offer mixed varieties only, in very strong bulbs (ready November 1). 75 cts. each, $1 per doz.

ANEMONES (Windflower)

These popular flowers of French origin are exceedingly useful as a decorative plant for house or garden, and fine for cutting. If planted outdoors in the fall they must be well protected with leaves or other litter; they may also be planted in the spring in well-drained soil, and will flower during the summer, starting in May. When planted in pots, place twelve or more in a cluster and store away, if possible, in a coldframe until February 1; if carefully watered, when brought into the house they will flower abundantly.

SINGLE DE CAEN (Giant French Poppy-flowered Anemone). Large flowers of brilliant and varied colors. 75 cts. per doz., $5 per 100.

ST. BRIGID. The flowers are semi-double, most varied and beautiful, in a coldframe until February 1; if carefully watered, when brought into the house they will flower abundantly. Plant 2 inches deep and from 1 to 2 inches apart. Each Doz. 100

Mammoth Roots. $0.35 $4.00 $35.00

Monkier Roots. $0.40 $4.00 $40.00

Godfrey Everblooming White. This is a great improvement over the ordinary White Calla, especially for the amateur, being even finer growth and much more floriferous over a longer season. The flowers, while a trifle smaller than the old-fashioned Calla, are of purer white.

First-Size Roots. $0.35 $3.00 $30.00

Mammoth Roots. $0.40 $4.00 $40.00

Yellow, Elliottiana. The finest Yellow Calla. Large, rich deep golden flowers often 4 to 5 inches across at the mouth. Habit of growth and foliage like the old favorite White Calla excepting the leaves of Elliottiana are spotted with white.

First-Size Roots. $0.50 $5.00 $50.00

Mammoth Roots. $0.60 $6.00 $60.00

Monster Roots. $0.75 $7.50 $75.00

CHIONODOXA • Glory-of-the-Snow

The most beautiful of dwarf blue spring flowers, resembling those of Scilla bifolia, but larger, slightly taller, and more handsome. The Chionodoxas are very hardy, thriving in any ordinary garden soil and in almost any situation. 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.

LUCILIE. Bright sky-blue flowers, with large white centers. 50 cts. per doz., $5.00 per 100, $30.00 per 1,000.

SARDENSIS. Rich deep blue, with small white center. 50 cts. per doz., $5.00 per 100, $30.00 per 1,000.

GIGANTEA. Resembling C. Luciliae, but with much larger blooms of soft gray-blue. 75 cts. per doz., $2.00 per 100, $16.00 per 1,000.

GIANT CROCUS

Mammoth-Flowering Named Varieties

These are large, selected bulbs of the best varieties and are noted for the immense size and quantity of their flowers and richness of color. The small, cheap bulbs we do not handle, as they fail to give satisfaction. Crocuses may be planted as an edging to beds, in careless patches in the grass, in masses among trees and shrubs, or on the slopes of terraces. In pots, plant twelve to fifteen bulbs in a 6 or 7-inch pan, they are very beautiful. Plant 2 inches deep and from 1 to 2 inches apart.

Doz. 100 1,000

ALBION. Striped... $0.65 $4.00 $35.00

BARON VON BRUNOW. Blue... 60 3 50 30 00

DANDY. Dark purple, distinctive white tips... 65 4 00 35 00

GOLDEN YELLOW. Mammoth Bulbs... 70 4 50 40 00

Jumbo Bulbs... 75 5 00 45 00

KATHLEEN PARLOW. Crocus with deep orange anthers... 70 4 50 40 00

KING OF THE WHITES. Large; white... 65 4 00 35 00

MAXIMILIAN. A pleasing shade of lavender. Distinct from all others... 65 4 00 35 00

MONT BLANC. White. 60 3 50 30 00

PALLAS. White ground with fine light lilac stripes; showy orange anthers; extra-large flower. 65 4 00 35 00

PURPUREA GRANDIFLORA. Large; purple... 70 4 50 40 00

SIRRINER SCOTT. Striped... 60 3 50 30 00

GIANT NAMED MIXED... 60 3 50 30 00

FINE MIXED... 40 2 50 22 00

ERANTHIS HYEMALIS • Winter Aconite

Early in spring the golden blossoms look charming, resting on an emerald-green cushion of leaves, and forming a striking contrast to the snowdrops, scillas, and chionodoxas. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees, and where few other flowering plants will thrive. 3 to 8 inches high. 50 cts. per doz., $3 per 100, $25 per 1,000.
**FREESIAS**

One of the most beautiful and popular flowers for house or conservatory. Very valuable for cutting, being peculiarly graceful and possessed of a sweet, delicate perfume. They force easily and may be had in bloom by Christmas if desired.

**WATERER'S PURITY.** The flowers are of extra-large size and of a pure glistening white.

- Mammoth Bulbs: $0.50, $3.50, $30.00
- Monster Bulbs: 80, 5, 50, 50
- Jumbo Bulbs: 1, 0, 7, 00

**GIANT-FLOWERING COLORED FREESIAS**

These beautiful novelties are rapidly winning favor on account of their lovely and unique colorings. Very fragrant and free-flowering.

**AMETHYST.** A beautiful amethyst-blue with light center. Strong, sturdy grower. $1.25 per doz.; $9 per 100.

**AURORA.** A large-flowering yellow, suffused with orange. A variety which has many admirers. $1.10 per doz.; $7.50 per 100.

**CALIFORNIA.** A large flower of a bright golden yellow; extra-strong, fine growth and long stems. One of the very finest yellow Freesias. $1.15 per doz.; $8 per 100.

**CARMENCITA.** A beautiful light orange-salmon hue with buff shading on the lower petals; long, wiry stems. $1.10 per doz.; $7.50 per 100.

**CARRIE BUDAU.** Lavender-pink; a great improvement over Gen.

**FRANS HALS.** Standards light blue; falls pale primrose—exquisite color combination. $1.75 per doz.; $12 per 100.

**HEEMSKERK.** Sulphur-yellow; with deeper yellow falls. $2.25 per doz.; $15 per 100.

**MRS. MARC PETERS.** Very attractive deep rosy salmon, with lower petals blotched orange and yellow. $1.50 per doz.; $10 per 100.

**OLIVETTE.** Bright carmine-red, with light yellow throat, lower petals having a deep yellow blotch with crimson veins. Very profuse bloomer. $1.25 per doz.; $9 per 100.

**FUSILLARIA IMPERIALIS**

_Crown Imperials_

Well-known hardy border plants, bearing clusters of immense, pendent bell-shaped flowers, surmounted with a tuft of green leaves. They are excellent for hardy borders and may be left undisturbed for years.

- Each: $0.40, $4.00, $30.00
- Red: 40, 4, 30
- Yellow: 40, 4, 30

**FUSILLARIA MELEAGRIS**

_Guinea-Hen Flower_

Dwarf, spring-flowering plant, bearing large, pendent, bell-shaped flowers of various colors, in yellow, white, black, purple, striped and splashed and checkered in the most curious way. They are invaluable for pot culture, and exceedingly pretty when grown in large groups in the garden border or wild garden in a dry situation.

- Mixed Colors: 80 cts. per doz.; $6 per 100; $55 per 1,000.

**MUSCARI**

_Grape Hyacinth_

These very curious and pretty little Hyacinths are perfectly hardy, are of the easiest culture, and thrive and increase in either sunny or partially shaded positions in the garden. When naturalized in little colonies where they can remain undisturbed for several years, the effect is very pretty, while as edgings they are most charming. All are also adapted for winter flowering in the house.

- Blue: 40 cts. per doz., $2.50 per 100, $20 per 1,000.
- White: 75 cts. per doz., $5.50 per 100, $50 per 1,000.
- Heavenly Blue: A new type with larger flowers of a bright sky-blue and delightfully fragrant. Desirable for cutting and of splendid effect massed in the garden or border. 60 cts. per doz., $3.25 per 100, $25 per 1,000.

**VARIOUS BULBOUS IRISSES**

**DUTCH IRIS** (*Iris hollandica*)

This new strain much resembles the well-known Spanish Iris, but the whole habit of growth is more vigorous. The large flowers are similar in appearance to those of the Spanish Iris and have orange blotches on the wide falls. Their greatest value is in their earliness, flowering two weeks before the Spanish outside, and, when forced, will bloom in February and March. Invaluable as a cut-flower.

- **DAVID BLESS.** A very fine light blue. Very early. $1.75 per doz.; $12 per 100.
- **FRANS HALS.** Standards light blue; falls pale primrose—exquisite color combination. $1.75 per doz.; $12 per 100.
- **HEEMSKERK.** Sulphur-yellow, with deeper yellow falls. $2.25 per doz.; $15 per 100.
- **REMBRANDT.** Wide, dark blue standards; falls rich deep blue with fine orange blotch. Vigorous grower. $1.75 per doz.; $12 per 100.
- **THEODORE DE BOCK.** The best of the bronze colored sorts. $1.75 per doz.; $12 per 100.
- **QUEEN WILHELMINA.** Large, pure white. $2.25 per doz.; $15 per 100.
- **WEDGWOOD.** Large flower of beautiful wedgewood blue borne on a strong stem. It may be had in bloom in the greenhouse as early as mid-January. This variety is very free-flowering. $3.75 per doz.; $25 per 100.

**SPANISH IRIS** (*Iris hispanica*)

These are extremely early and produce fragrant, orchid-like flowers of rich and beautiful colors. They are excellent for forcing, either in pans or in boxes for cutting. They are hardy out-of-doors, requiring only slight mulching in winter.

- **CAJANUS.** Rich golden yellow.
- **KING OF THE BLUES.** Deep dark blue, shaded lighter.
- **RECONNAISSANCE.** Dark bronze, golden blotch. Extra fine.

_Price, any of the above Spanish Irises, 85 cts. per doz.; $6 per 100.

**IRIS FILIFOLIA**

_IMPERATOR._ A strong-growing Iris with rich deep blue flowers. A splendid greenhouse variety, but not hardy in this climate. $1.25 per doz.; $9 per 100.
IXIAS

The Ixia is a beautiful little winter-flowering bulb, with long slender, graceful spikes of bloom. The colors are rich, varied, and beautiful, the center always differing in color from the other parts of the flower, so that the blossoms, expanding in the sun’s rays, present a picture of gorgeous beauty. Very desirable for pots. We offer them in mixture at 45 cts. per doz.; $2.50 per 100; $20 per 1,000.

LILY-OF-THE-VALLEY

Cold Storage
For Growing in the House
Few people realize how easily the dainty Lily-of-the-Valley can be brought to perfection in the house in three weeks, with longer stems and larger flowers than any grown outdoors.

By planting our specially prepared roots successively in fiber, peat or soil, and giving them gentle heat and plenty of water, these delicately lovely, highly fragrant flowers may be had in profusion throughout the winter and early spring.

About Lily-of-the-Valley
We believe our Cold Storage Lily-of-the-Valley Pips are absolutely the finest grade of pips that it is possible to procure from Germany. It has been our good fortune to supply the finest estates in the country with these pips.

READY FOR IMMEDIATE DELIVERY

WATERER’S “XXX PERFECTION BRAND.” An extra-fine grade for forcing, which we carry in cold storage for immediate delivery: $1.25 per doz.; $8.50 per 100. Case of 250, $20; 500, $37.50; 1,000, $75.

If wanted by parcel post, add 10c. per doz., 25c. per 100, for postage.

FRESH PIPS. Ready in December. $7 per 100; $65 per 1,000.

CLUMPS. Ready in November. For outdoor planting only. 60 cts. per clump; $6 per doz.; $45 per 100.

LEUCOJUM VERNUM (Spring Snowflake)
Pretty bulbous plants allied to the snowdrop, but of much stronger and bolder habit, growing from 1 to 2 feet high in rich soil, and producing freely beautiful large white flowers, distinctly tipped with green, excellent for cutting. When once planted, they take care of themselves. They should have a place in all hardy collections, particularly shady nooks. $1 per doz.; $7 per 100.

OXALIS
Charming little half-trailing or bushy plants particularly adapted for pot-culture and hanging-baskets. The foliage alone is very attractive and when in flower they are exceedingly pretty.

BUTTERCUP. Large, rich yellow flowers.

GRAND DUCHESS. A variety of great beauty; of dwarf, sturdy growth, throwing their large flowers well above the foliage. Extremely free-flowering. One of the most desirable for window culture. We offer them in three colors, Pink, White, and Lavender.

Price, any of the above, 50 cts. per doz., $2.75 per 100.

RANUNCULUS

Gorgeous dwarf flowers, easily grown in pots for winter-blooming or in coldframes for spring. Plant about 8 roots in a 6-inch bulb-pan covering 1 inch. The colors vary from white, yellow, crimson, purple, to almost black.

GIANT DOUBLE FRENCH, MIXED. 75c. per doz.; $5.50 per 100.

SCILLAS, Blue Bells and Wood Hyacinths
All the varieties of the Scilla campanulata and S. nutans family are splendid for naturalizing, because they will flower in shady places, where almost any other flower will die. As they are very cheap, they are one of the most useful flowers for the landscape architect. Both have bells like small hyacinths, forming long and graceful spikes.

SIBERICA. Most beautiful hardy spring bulbs, producing in profusion masses of exquisite rich blue flowers almost before the snow has disappeared. If grown with snowdrops and crocuses, for contrast, the effect is magnificent. Splendid for the rock-garden. Grown in pots they may be had in bloom from Christmas until April. Top-size bulbs, 80 cts. per doz.; $5.50 per 100; $30 per 1,000.

CAMPANULATA (Wood Hyacinth). Flowers borne on tall spikes 1 to 2 feet high. Each flower measures nearly an inch across and droops gracefully; perfectly hardy; also fine for pot culture. We offer the following colors:

- White: $0.70 $4 $35
- Blue: $0.70 $4 $35
- Pink: $0.80 $5 50 50 00

NUTANS. The true English Blue Bell. A showy, vigorous-growing variety that is effective when planted with May-flowering tulips. Height, 12 to 15 inches. 45 cts. per doz.; $3 per 100; $25 per 1,000.

SNOWDROPS

These elegant little flowers, the first to open in spring, should be found in every garden. The Snowdrop thrives in almost any situation or soil, and should be planted as early in the autumn as possible. A combination of crocuses, scillas, and Snowdrops make a glorious effect when planted promiscuously in a border, one following the other in flowering and in change of color.

- Single: $0.70 $4 50 40 00
- Double: 85 6 00 55 00

SPIREA November Delivery
This beautiful pot plant, usually grown, by the florist for Easter, we are able to offer in seven named varieties, in clumps suitable for growing in 6-inch pots.

AMERICA. Delicate lillac-rose; splendid forcer.

GLADSTONE. Large spikes of pure white flowers, borne on strong stems 18 inches high.

PEACH BLOSSOM. A very lovely shade of peach-blossom-pink. A very free-flowering variety.

PRINCESS MARY. One of the very best of the dark pinks.

QUEEN ALEXANDRA. A popular variety on the order of Gladstone, but of a pale pink color.

RUBENS. Deep carmine-pink; very strong grower.

Strong clumps of any of the above 6 varieties, 85 cts. each, $5 per doz.; $55 per 100.

RHINELAND. New. Bright crimson, shaded salmon. $1 each; $10 per doz.; $75 per 100.
Lilies

HOSEA WATERER, Philadelphia

The demand for Hardy Lilies is rapidly increasing. The stately habit, beauty of form, and variety of colors displayed by the various species is almost endless and always interesting and handsome. The earlier types commence flowering in June and later sorts maintain a succession of bloom until autumn. Some are excellent for backgrounds and shrubbery borders; and other kinds are suitable for growing in the conservatory.

We recommend planting 6 to 8 inches deep. Speciosums require at least 8 inches, with some sand beneath the bulb to insure drainage. Cover the beds with leaves or litter during winter. The following varieties may be planted either in the fall or in the spring with excellent results, except Lilium candidum, which must go into the ground in early autumn.

Most Lily bulbs do not arrive in our country until October and November, which is the best time to plant them. Where the ground is liable to freeze before late Lilies arrive the beds or borders should be prepared beforehand and covered with leaves or litter to keep ground from freezing.

AURATUM (Golden-banded Lily). Often 8 Each to 12 inches across. White, spotted crimson, each petal marked in center with wide band of yellow. Fragrant. Flowers in August. Mammoth Bulbs $0 50 $5 50 $40 00

BATEMANNII. Strong stems with five to ten flowers of a reddish orange color. July, August. 3 to 4 feet 40 4 00 27 50

CANDIDUM. See colored plate, page 29.

CANADENSE. Graceful and charming bell-shaped flowers, yellow spotted black. June, July. 2 to 3 feet 30 3 00 20 00

GRAYI. A native Lily with deep red flowers. Each Doz. 100 One of the finest for planting in shady places. Small, rich red flowers, spotted maroon. July. 3 to 4 feet $0 30 $3 00 $20 00

HANSONI. Flowers reddish orange, eight to twelve in a cluster; petals thick, durable. 3 to 4 feet 75 7 50

HENRYI. This beautiful and rare variety closely resembles the Lilium Speciosum type, and has been called “Yellow Speciosum.” The color of the flowers are rich apricot-yellow with a few brown spots. Grows 3 to 5 feet high 75 7 50

Lilium auratum

HARDY LILIES (Lilium)

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Lilium auratum
Lilies, continued

PHILADELPHICUM. A handsome native Lily with yellow, cup-shaped flowers, spotted maroon and shaded orange at ends of petals. Good for naturalizing. July. 3 feet. Large Bulbs.$0 35 $3 50 $24 00

REGALE. See colored plate, page 29.

SPECTOSUM ALBUM. A charming, late-flowering, pure white hardy garden Lily of easy culture. Mammoth Bulbs. 80 8 00 60 00

SPECTOSUM MAGNIFICUM. An enormous rich deep red flower, spotted crimson. Blooms in August. Mammoth Bulbs. 50 5 50 40 00

SPECTOSUM MELPOMENE. Whiteblooms, heavily spotted and overlaid with crimson. Mammoth Bulbs. 50 5 50 40 00

SPECTOSUM RUBRUM (L. speciosum roseum). Rosy white, heavily spotted with rich crimson. Mammoth Bulbs. 50 5 50 40 00

SUPERBUM. Bright reddish orange flowers, conspicuously spotted and borne twenty to thirty on a stem. Prefers a moist, semi-shaded location. July. 3 to 4 feet. 35 3 50 24 00

TENUIFOLIUM (Siberian Coral Lily). A most delicate and charming species. Growing from 1 to 2 feet high, it bears often from 1 to 12 or more nodding, rich scarlet flowers. Ideal for a cool, shaded position in the rock-garden. Flowers in early June. 45 4 50 32 50

TESTACEUM (Excelsum or Nankeen Lily). 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. 5 feet. Extra-large Flowering Bulbs. 2 00 20 00

TIGRINUM FLORE-PLENO (Double Tiger Lily). Double, showy flowers of orange-red, spotted with black. 30 3 00 22 50

TIGRINUM SPLENDENS (Improved Tiger Lily). Bright orange-red, spotted with black; very showy; 4 to 5 feet. 25 2 75 20 00

Lilium Harrisi

LILIES FOR INDOOR GROWING

LILIUM HARRISI

True Bermuda Easter Lily

This Lily is now so well known that it needs no description. It is undoubtedly one of the most popular flowers ever used for forcing but it is scarcely hardy enough to do well outdoors. The bulbs we supply are of the highest quality obtainable and are perfectly true. Ready in August.

Each Doz. 100

Large Bulbs. $0 50 $5 00 $3 50

Extra-Large Bulbs. 60 6 00 45 00

Mammoth Bulbs. 1 00 10 00 75 00

Monster Bulbs. 1 50 15 00

JAPANESE LILIES

We offer two varieties of Japanese Lilies which are largely grown for January to Easter flowering: Lilium longiflorum formosum, which usually arrives in this country in September, and L. longiflorum giganteum, which usually arrives in October or November.

LONGIFLORUM FORMOSUM. Dark stems; blooms early. Often used instead of the Bermuda as an Easter Lily. Ready in September.

Each Doz. 100

Large Bulbs. $0 40 $4 00 $3 00

Extra-Large Bulbs. 60 6 00 45 00

Mammoth Bulbs. 1 00 10 00 75 00

Monster Bulbs. 1 50 15 00

LONGIFLORUM GIGANTEUM. Dark stems; later than the preceding; flowers of more substance. Ready in October or November.

Each Doz. 100

Extra-Large Bulbs. $0 60 $6 00 $45 00

If Lily bulbs are wanted by parcel post, add 20 cts. per dozen for postage.
Antirrhinum • Snapdragon

Giant-Flowered Varieties

Flower-stems will grow to a height of 3 feet or more and flowers are unusually large. Valuable for cutting. $0 10 $0 30

Cardinal. Deep crimson
Crimson King. Rich crimson
Golden King. Golden yellow
Venus. Flesh-pink
Queen Victoria. Pure white
Rose King. Deep red
Mixed.

COLLECTION: One pkt. each of above 6 varieties, 50 cts.

Feltham Beauty. Deep rose-pink, white center; very large Pkt. $0 25
Silver Pink. Original pkt. $1.25
Harmony. Rich terra-cotta-pink, yellow center 25
Peach Blow. Large, delicate peach-colored flower with yellow tint.
Philadelphia Pink. Rich, glowing pink, approaching that of Large, delicate peach-colored flower with yellow.

Antirrhinum, Waterer's Superb Giant-flowered Varieties

This wonderful new group of Antirrhinums far surpasses anything yet introduced. In habit they are slightly taller than the Majus group. The flowers are of magnificent size, closely placed on the stems.

Canary Bird. Delicate yellow.
Old Gold. Golden orange.
 Copper King. Bronzy copper.
 Snowflake. Lovely pure white.
The Rose. Rosy pink.
Apple Blossom. Delicate pink, white throat.

Each, pkt. 25 cts.

COLLECTION: One pkt. each of above 6 varieties, $1.25

Antirrhinum, Half-Dwarf Varieties

These grow about 20 inches in height and produce spikes of flowers of the largest size. Pkt. Pkt. Large pkt.

Daphne. Soft blush-pink
Defiance. Orange-scarlet
Golden Queen. Rich yellow.
Purity. Pure white.

COLLECTION: One pkt. each of above 6 varieties, 50 cts.

Pink Perfection. (New.) Long perfect spikes of a Pkt. Large pkt. beauty. Pkt. Large pkt. of pink described as Hermosa pink.

The Fawn. Rosy fawn color, with white tube and yellow lips; base beautifully blended—A fine bright, new shade.

Mixed. All colors.

Cineraria

Our strains of this showy greenhouse plant are of acknowledged superiority, the very choicest from a prize European collection containing only the best colors.

Waterer's Prize Dwarf. Dwarf, compact plants not over a Pkt. foot high, with immense heads of large individual flowers in a great range of beautiful colors. $0 50

Waterer's Prize Tall. Extra-fine colors, with plenty of selfs and various shades of rose.

Matchless. Very fine strain; contains many new colors; vigorous and compact growth.

Matador. Fine glowing scarlet.
Hybrida grandiflora, Stella. Twisted or fluted petals like a single cactus dahlia.
Multiflora nana. This new variety is the dwarfest and most compact type; flowers of good size and produced in great profusion. An excellent pot-plant. Mixed colors.

Stellata, Feltham Beauty. A great improvement on the old variety. Beautiful mixture of many colors.

Calendula • Pot Marigold

Valuable for pot culture, blooming in the winter and early spring. 1 foot high.

Ball's Orange. A special forcing strain. Large, Pkt. Large pkt. extra-double, bright orange flowers.

Ball's Gold. Uniformly double golden yellow flowers in long spikes (Victoria).

Lemon Queen. Lemon-yellow.

Meteor. Yellow, striped orange.

Orange King. Dark orange-red.

Prince of Orange. Orange, slightly striped with yellow.

Clarkia elegans

Clarkias have become very popular of late and are grown extensively in the greenhouse during the winter. 2 to 2½ feet.

Antirrhinum • Snapdragon

Giganteum (grandiflorum). The very choicest strain of this beautiful flower obtainable. Pkt. 100 Seeds

Blood-Red.
Bright Rose.
Salmon King. Salmon-pink. Very fine.
Vulcan. Deepest red.
White, with Dark Eye.
White Swan. Pure white.
Finest Mixed.

Borlpy (Papilio or Butterfly). Double extra-double, bright orange flowers.

Cherry Ripe. The brightest red Cyclamen in cultivation.

Fragrance. Rose; remarkably sweet-scented.

Mrs. Buckston. A real salmon shade—a lovely tint.

Pink Pearl. A lovely pale salmon.

Cyclamen

Giganteum (grandiflorum). The very choicest strain of this beautiful flower obtainable. Pkt. 100 Seeds

Dracaena

Ornamental greenhouse plants; fine for pots, vases, or beds; green leaves.

Indivia. Narrow leaves.

Australis. Broad leaves.

Gloxinia

Hybrida grandiflora. An unsurpassed strain, containing the Pkt. spotted hybrids as well as the finest self-colored sorts.

Calendulas

Calendula • Pot Marigold

Valuable for pot culture, blooming in the winter and early spring. 1 foot high.

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Pink Pearl. A lovely pale salmon.

Cyclamen
**Grevillea • Silk Oak**

Robusta. Really a greenhouse plant, but can be successfully grown as an annual. It is a neat little shrub, with delicate fernlike foliage. Very useful for table decoration and in foliage groups.

\[
\text{Pkt. } 10
\]

**Nemesia**

Free-blooming dwarf bushes for pot culture. Seed sown in the autumn makes beautiful pot-plants for early spring blooming.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Gem</td>
<td>A beautiful bright blue.</td>
<td>$0 15</td>
</tr>
<tr>
<td>Dwarf Compact Hybrids</td>
<td>A great variety of new and improved colors; very free-flowering.</td>
<td>$0 9</td>
</tr>
</tbody>
</table>

**Primula chinensis • Chinese Primrose**

One of our finest free-flowering winter house plants. Our strains may be relied on as being of the finest procurable.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Alba magnifica</td>
<td>Pure white, with yellow eye. One of the Pkt. finest.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Crimson King</td>
<td>The deepest and richest crimson-scarlet color in Primulas.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Duchess</td>
<td>Pure white, with large bright carmine center.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Holborne Blue</td>
<td>A beautiful shade.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Excelsior Mixed</td>
<td>A magnificent strain of Giant Primula.</td>
<td>$0 50</td>
</tr>
</tbody>
</table>

**Primula obconica**

<table>
<thead>
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<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gigantea Kermesina</td>
<td>Rich crimson.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Gigantea caerulea</td>
<td>Blue.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Gigantea rosea</td>
<td>Pure rose color.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Gigantea, Mixed</td>
<td>All colors</td>
<td>$0 25</td>
</tr>
<tr>
<td>Grandiflora alba</td>
<td>Pure white</td>
<td>$0 20</td>
</tr>
<tr>
<td>Grandiflora Kermesina</td>
<td>Bright crimson.</td>
<td>$0 20</td>
</tr>
<tr>
<td>Grandiflora rosea</td>
<td>Beautiful clear rose.</td>
<td>$0 20</td>
</tr>
<tr>
<td>Grandiflora Apple Blossom</td>
<td>Soft pink</td>
<td>$0 20</td>
</tr>
<tr>
<td>Grandiflora, Mixed</td>
<td>All colors</td>
<td>$0 20</td>
</tr>
</tbody>
</table>

**Schizanthus • Butterfly Flower**

Free-flowering and very attractive annuals for the garden in summer or the greenhouse during winter.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wisetonensis</td>
<td>Flowers bright yellow and fragrant.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Wisetonensis, Excelsior</td>
<td>This may be described as a much larger flowering strain of Wisetonensis.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Dr. Badger's Hybrids</td>
<td>Very large flowers, giving a wide range of colors.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Garraway's Hybrids</td>
<td>A magnificent strain for greenhouse and conservatory decoration, embracing a wide range of beautiful colors.</td>
<td>$0 25</td>
</tr>
</tbody>
</table>

**Smilax**

A popular greenhouse climber with small, dark green foliage of great value for floral decoration. 8 to 10 feet. Pkt. 10 cts.; oz. 20c.

**Mammoth-flowering Beauty Stocks**

Particularly adapted for the greenhouse, to provide cut-flowers during the winter.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beauty of Nice</td>
<td>Delicate flesh-pink.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Monte Carlo</td>
<td>Canary-yellow.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Beauty of Nice</td>
<td>Delicate flesh-pink.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Queen Alexandra</td>
<td>Soft rosy lilac.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Bright Violet</td>
<td>Violet-blue.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Deep Lilac</td>
<td>Snow-white; very double.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Crimson King</td>
<td>Brilliant crimson.</td>
<td>$0 25</td>
</tr>
<tr>
<td>White Lady</td>
<td>Snow-white; very double.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Empress Elizabeth</td>
<td>Bright carmine.</td>
<td>$0 25</td>
</tr>
</tbody>
</table>

**Sweet Peas, Early Long-flowering Spencer**

These varieties, if sown early in fall under glass, will bloom by Christmas and continue all winter.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bluebird</td>
<td>A splendid rich, deep blue.</td>
<td>$0 75</td>
</tr>
<tr>
<td>Burpee's Orange</td>
<td>Deep orange.</td>
<td>$0 25</td>
</tr>
<tr>
<td>Christmas Carol</td>
<td>Salmon-cream-pink. Extra-large flower.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Columbia</td>
<td>Best pink and white bicolor.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Glitters</td>
<td>The standard is bright fiery orange, and the wings are deep orange.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Heather Bell</td>
<td>The color is a rich but pleasing mauve, but after standing in water becomes a beautiful mauve-lavender.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Lavender King</td>
<td>Rich, true, deep lavender throughout.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Mrs. Kerr</td>
<td>A fine shade of salmon.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Mrs. A. A. Skach</td>
<td>Shell-pink; beautifully waved.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Snowstorm</td>
<td>Pure white. The blossoms are very large and of the best waved Spencer form.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Yarrawa</td>
<td>Bright rose-pink; wings light pink; large and free bloomer.</td>
<td>$0 50</td>
</tr>
<tr>
<td>Zvolanek's Rose</td>
<td>Bright rose-pink.</td>
<td>$0 50</td>
</tr>
</tbody>
</table>
WATERER’S HARDY PERENNIAL PLANTS

The Hardy Perennials supply us with some of the most beautiful and interesting plants available for outdoor culture. By judicious selection from their almost endless variety, a continuous succession of bloom may be obtained from spring until frost, with wonderful range of color. Plants will be found suitable for massing, for bedding, and for borders, also for cutting and rock-garden work.

Let us help you make your gardens and borders reach the perfection of which you dream, for next year. Plant our strong field-grown clumps this fall.

Achillea

P. millefolium, Boule de Neige. 1 to 1 1/2 ft. This and the following variety are among the most valuable hardy plants for cutting. If they are cut back hard after the first flowers are past, a second crop will be produced in early fall. Small double white flowers in sprays. June—September.

Tomentosa. 6 in. A dwarf rock-plant, bearing heads of bright yellow flowers. June. 25 cts. each; $2.50 per doz.; $15 per 100.

Agrostemma

Coronaria. 2 ft. Bright crimson flowers and gray woolly foliage making a pleasing contrast. June, July. 25 cts. each; $2.50 per doz.; $15 per 100.

Alyssum

Argenteum (Rock Plant). 1 ft. Large, flat heads of golden yellow flowers borne on wiry stems. May, June.

Anchusa

Italica, Opal. 4 ft. Tall spikes of pale blue flowers, resembling giant forget-me-nots. June, July.

Anemone

Pulsatilla. Large, cup-shaped bluish flowers, covered on the outside with silky hairs, are borne singly on stems 1 foot high in April and May. Fine for rock-work. 30 cts. each; $3 per doz.

Anthemis

Tinctoria Kelwayi. 2 ft. Bright yellow Marguerite-like flowers in great profusion. June—September. 25 cts. each; $2.50 per doz.; $15 per 100.

Aquilegia • Columbine

Mrs. Scott Elliott’s Strain. 2 to 3 ft. This is probably the best strain of Long-spurred Hybrids. The flowers are of rich and varied colors. May, June. 30 cts. each; $2.50 per doz.; $18 per 100.

Arabis • Rockcress

Alpina. 9 in. A useful, early-flowering plant with pure white flowers, suitable for rock-garden, border, or for spring bedding. April, May. 25 cts. each; $2.50 per doz.; $15 per 100.

Alpina fl-pl. A double-flowered form of the above. 35 cts. each; $3.50 per doz.

Armeria • Thrift; Sea Pink

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage from which innumerable flowers appear in dense heads, on stiff wiry stems. Very useful in the rockery as well as in the border.

Asclepias • Butterfly Silk Weed

Tuberosa. 2 1/2 ft. Bright orange-red flowers, borne in clusters on strong stems. July—September. 25 cts. each; $2.50 per doz.; $15 per 100.

Asters, Hardy

Michaelmas Daisy; Starwort

As a plant of general usefulness, the Aster stands unrivaled. The great variety in color, size of flower, time of flowering and height, combined with the simple cultural requirements necessary make it one of the most desirable of hardy plants. Many of the varieties are excellent for cutting. The finest flowers and strongest spikes are obtained if the plants are divided annually.

Barr’s Pink. 4 ft. A new variety of strong, erect growth, bearing large, bright pink flowers. When this variety was shown at the Royal Horticultural Society’s Hall, London, it was described by the Horticultural Advertiser as the best pink Aster in cultivation. Sept., Oct. 30 cts. ea.; $5 per doz.

Climax. 5 ft. Large, pale mauve flowers, with yellow centers, on long, slender stems. September, October. 30 cts. ea.; $3 per doz.
Asters, continued

Louvan. 3 ft. Symmetrical bush-like habit. The foliage is completely hidden by masses of medium-sized delicate pink flowers. September.

Perry's White. 4 ft. A very free-flowering variety of graceful habit. The flowers are large and of good substance. Excellent for cutting. September, October.

St. Egwin. 2½ ft. This variety forms a compact bush, and during September is entirely covered with large, clear pink flowers. One of the best Asters in cultivation.

30 cts. each; $3 per doz.

Aster, Dwarf Alpine


Alpinus albus. A white variety of above. 25 cts. each; $2.50 per doz.; $15 per 100

Aubrietia

Rainbow Rock Cress

Pretty, dwarf-growing plants suitable for the rockery or for the edge of the border. They form masses of silvery green foliage and sheets of vari-colored flowers in spring and early summer. Choice mixed varieties. 30 cts. each; $3 per doz.; $18 per 100

Boltonia • False Chamomile

Bellflower; Harebell

One of the most beautiful and important families of hardy plants. Having a very wide geographical distribution, its members are varied in character and are adapted for rock-garden, border, and woodland.

Carpatica. 1 ft. Suitable for rock-garden or border. Large, blue, cup-shaped flowers during July and August.

Carpatica alba. A white variety of the preceding.

Medium (Canterbury Bells). Blue, pink, white, separate colors.

Medium calycanthema (Cup-and-Saucer). Mixed colors.

Persicifolia. 2½ ft. Slender, erect stems studded with blue, cup-shaped flowers in June and July.

Persicifolia alba. A white variety of the above.

Any of the above, 25 cts. each; $2.50 per doz.; $15 per 100

Centaura

Macrocephala. 4 to 5 ft. A stately plant of robust habit, bearing large, globular heads of golden yellow flowers. July, August.


Montana alba. A white variety of the above.

Any of the above, 25 cts. each; $2.50 per doz.; $15 per 100

Ceanothus

Tomentosum. Forms a carpet of silvery foliage, covered in May and June with pure white flowers. 25 cts. each; $2.50 per doz.; $15 per 100

Dianthus • Pinks

Alpinus. A lovely dwarf alpine with large, deep pink flowers borne close down to the foliage, which they entirely hide. 50 cts. each; $5 per doz.

Arenarius. A desirable rock-plant of compact, tufted habit. During May and June the foliage is entirely hidden by masses of white flowers borne on 6-inch stems.


Deltoides albus. A white variety of the foregoing.

Deltoides, Brilliant. Vivid crimson.

Miss Gladys Cranfield. A new variety of exceptional merit. It is of compact growth and bears large, flat, rosy lilac flowers with velvety maroon centers on stems about 1 foot high. The plants we offer are not seedlings, but the true stock. 35 cts. each; $3.50 per doz.

Plumarius. 1 ft. A first-rate mixture, with beautifully frilled flowers. June, July.

25 cts. each; $2.50 per doz.; $15 per 100, unless otherwise noted

Dieltria • Dicentra

Spectabilis (Bleeding-Heart; Seal Flower). An old-fashioned favorite. Its long racemes of graceful, heart-shaped, pink flowers are always attractive. It is used largely for forcing, and is perfectly at home in any part of the hardy border; especially valuable for planting in the shade. Strong clumps. 30 cts. each; $3 per doz.

Formosa (Plumy Bleeding-Heart). A dwarfer-growing species, with finely cut ornamental foliage, growing about 1½ inches high and producing its showy pink flowers from April till August. 35 cts. each; $3.50 per doz.

Digitalis • Foxglove

One of the showiest and most attractive of old-fashioned favorites whose popularity is continually increasing.

Gloxiniaeflora. Pink, Purple, White, separate. 25 cts. each; $2.50 per doz.
Perennial Plants

**Digitalis, continued**

The Shirley. A new strain raised by the late Rev. W. Wilkes, the originator of the well-known Shirley Poppies. The flowers are of enormous size and vary in color from pure white to deepest rose. 35 cts. each; $3.50 per doz.

**Eryngium • Sea Holly**

**Gypsophila**

_Paniculata._ 2½ ft. Cloud-like masses of small white flowers. One of the most popular and useful plants for cutting. July.

_Repens._ A dwarf trailer, excellent for cascading down the slopes of the rock-garden. Masses of small white flowers. June, July. 25 cts. each; $2.50 per doz.; $18 per 100

**Helenium**

Strong-growing plants, valuable for producing late summer and fall effects in woodland or herbaceous border. Also useful as a cut-flower.

_Autumnale, Riverton Beauty._ 4 ft. Clear yellow flowers with black centers. August, September.


_Autumnale superbum._ 4 ft. Yellow. August, September. 30 cts. each; $3 per doz.; $20 per 100

**Heliopsis • Orange Sunflower**

_Pitcheriana._ 3 ft. Golden yellow flowers all summer. Similar in general habit to Helianthus, but commences to flower earlier in the season (July and August), of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting. 25 cts. each; $2.50 per doz.; $18 per 100

**Hollyhocks**

These stately, majestic, hardy plants, from 6 to 8 feet high, are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn, or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

**Double. Mixed colors only.**

Single. Many double-flowered Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We can supply them in mixed colors only.

30 cts. each; $3 per doz.; $18 per 100

**Hibiscus**

**Hypericum**

_Olympicum._ 6 in. A rare rock-plant with gray foliage and very large, yellow flowers. June, July. 50 cts. each; $5 per doz.

_Iberis, Hardy • Candytuft**

_Sempervirens._ 9 in. An invaluable spring-flowering plant of compact and dense habit, bearing masses of snow-white flowers in large clusters. April, May. 25 cts. each; $2.50 per doz.; $15 per 100

_Incarvillea**

_Delavayi._ 1½ ft. Large, rich rose, begonia-like flowers with deep yellow throats, produced all through the summer. A hardy perennial which succeeds well in borders and is equally valuable for greenhouse decoration. 50 cts. each; $5 per doz.

_Iris**


_Pumila, The Bride._ 9 in. Pure white. May. 30 cts. each; $3 per doz.

_Fine Iris Germanica**

Their beauty outrivals that of the orchids in their delicacy of structure and wide range of colors. No garden is complete without them, and a very delightful garden can be made with nothing but them, as they are especially adapted for flower borders, shrubberies, woodland walks, and for surrounding lakes and ponds, if planted well above the water-level.

_S. means standards or upper petals; F. means falls or lower petals**

_Aurea._ S. and F. chrome-yellow. 35 cts. each; $3.50 per doz.

_Florentina._ S. and F. white, faintly flushed with lavender. 25 cts. each; $2.50 per doz.

_Her Majesty._ S. rose-pink; F. bright crimson. 35 cts. each; $3.50 per doz.

_Lohengrin._ S. and F. cattleya-pink; very large flowers. 35 cts. each; $3.50 per doz.

_Loreley._ S. light yellow; F. ultramarine-blue, bordered cream. 35 cts. each; $3.50 per doz.

_Kochi._ S. and F. rich purple. 35 cts. each; $3.50 per doz.

_Mme. Chereau._ S. and F. white, fringed with azure-blue. 25 cts. each; $2.50 per doz.

_Pallida Dalmatica._ S. pale lavender; F. bright crimson. 35 cts. each; $3.50 per doz.

_Rhein Nixe._ S. white; F. rich violet-blue. 35 cts. each; $3.50 per doz.
Lilium Regale
The Regal Lily

This marvelous Lily from western China is admittedly one of the most beautiful of a large and very beautiful family of garden flowers. Unlike many of the other very fine sorts, it is exceedingly easy to grow, blooming from very small bulbs and increasing rapidly in size and strength from year to year. It grows 3 to 5 feet high, and blooms outdoors in July. It is perfectly hardy and flourishes under widely varying conditions. The large, trumpet-shaped, delicately scented flowers are ivory-white, shaded mauve or purple-pink on the outside, tinged with a glorious canary-yellow glow suffusing the center of the flower. It is also excellent for forcing.

Large Bulbs, 50 cts. each; $5 per doz.; $37.50 per 100
Mammoth Bulbs, 75 cts. each; $7.50 per doz.; $60 per 100
Monster Bulbs, $1.25 each; $12 per doz.; $90 per 100

Lilium candidum
The Madonna Lily

This is, undoubtedly, the best-known and one of the loveliest Lilies. It has been in cultivation for many centuries and has passed into legend and story. Growing from 3 to 5 feet tall, it bears large heads of purest white flowers, lit in the center with brilliant golden anthers. They are deliciously fragrant.

Its cultivation is simple. Choose a rich but not recently manured spot in full sunlight and plant the bulbs as early as possible—August or September. Set them barely under ground, say 2 inches deep, and thereafter leave them strictly alone. The Madonna Lily does not like to be moved after it is once established, and if undisturbed, will increase abundantly from year to year.

Large Bulbs, 35 cts. each; $3.50 per doz.; $25 per 100
Extra-large Bulbs, 50 cts. each; $5 per doz.; $35 per 100
Mammoth Bulbs, 55 cts. each; $5.50 per doz.; $40 per 100
Monster Bulbs, 70 cts. each; $7 per doz.; $50 per 100
The Permanent Things

Every garden needs a foundation, a framework, of permanent plants to give it substance and stability—plants which come up year after year in the same places, like old friends. Such plants give the garden a feeling of intimacy and at-homeness. They are restful and familiar, unlike the host of flighty annual flowers which flit through the garden in restless, evanescent flashes of color.

We choose, this season, four of the best and most beautiful: Foxgloves (Digitalis), of old-time charm, with a curious, quaint dignity; Phlox, for its brilliant warmth of color and its unfailing cheerfulness; Veronica for its grace and exquisite blue; Delphiniums for their endless charm and variety, combined with quiet stateliness.

Planted liberally, in generous masses, these four flowers will make the garden a heavenly retreat from rush and worry, and increase in usefulness and beauty every year.

SPECIAL OFFER: 3 plants of each (12 in all) for $2.25
Iris, Japanese
Kaempferi. The most showy and gorgeous of the Iris family. The stately flowers are often 10 inches in diameter, and are produced freely in July. They require rich, moist soil.

Most varieties. 25 cts. each; $2.50 per doz.; $18 per 100.

Linum • Flax
Perenne album. A white variety of the above.
25 cts. each; $2.50 per doz.; $15 per 100.

Lupinus • Lupine
Polyphyllus. 3 to 4 ft. Strong spikes of deep blue, pea-shaped flowers. June, July.
Polyphyllus albus. A white variety of the above.
25 cts. each; $2.50 per doz.; $15 per 100.

Lychnis
Alpina. 6 in. Compact cushions of rich green leaves, studied in April and May with heads of pink flowers.
25 cts. each; $2.50 per doz.; $15 per 100.

Enothera
Missouriensis. A fine trailing plant with very large, pale yellow flowers, 3 to 6 inches in diameter. One of the best perennials for rock-garden or border. June-August. 30 cts. each; $3 per doz.; $18 per 100.

Papaver • Poppy
Nudicaule (Iceland Poppy). 1 ft. Yellow, orange and white flowers. May-August. 25 cts. each; $2 per doz.; $15 per 100.

Orientale, Gerald Perry. 2½ ft. Pale pink; medium size. 50 cts. each; $5 per doz.; $30 per 100.

Oriental, Lord Lambourne. 3 ft. Large, orange-scarlet flowers with deeply frilled petals. 60 cts. each; $6 per doz.; $35 per 100.

Oriental, Mahony. 3 ft. A very distinct variety, having deep mahogany-colored flowers. The darkest Poppy in cultivation. 60 cts. each; $6 per doz.; $35 per 100.

Oriental, Mrs. Perry. 2½ ft. Medium-sized flowers of a pleasing shade of apricot-pink. 35 cts. each; $3.50 per doz.; $25 per 100.

Oriental, Oriental Red. 3 ft. Splendid large, cup-shaped blooms of bright crimson-scarlet. 35 cts. each; $3.50 per doz.; $25 per 100.

Oriental, Princess Ena. 2½ ft. Small, tulip-shaped flowers, orange-salmon in color. 50 cts. each; $5 per doz.; $30 per 100.

Oriental, Royal Scarlet. 3 ft. Tremendous cup-shaped blooms of bright crimson-scarlet, with large, purplish black blotches at base of petals, creating a wonderful contrast when bloom is fully open. 60 cts. each; $6 per doz.; $35 per 100.

Pentstemon
Barbatus Torreyi. 4 ft. Graceful, tapering stems, covered with large, tubular, scarlet flowers. June-August.

Digitalis. 2 to 3 ft. White, tubular flowers with purple throat. Good for cutting. June, July.
25 cts. each; $2.50 per doz.; $15 per 100.

Peonies, continued
flowers blend so beautifully with the colors in the irises that each enhances the beauty of the other.
Both are so hardy, so easy to grow, so sure to bloom, so ready to respond eagerly to any little care and attention, that a lover of one must necessarily have or develop a fondness for the other.

Albert Crousse. (Crousse, 1893.) Bomb type. Large, well-formed flowers of soft shell-pink with faint salmon tints. Vigorous grower with tall, erect stems. Very fine as a cut-flower. Late. 75 cts. each.

Couronne d’Or. (Calot, 1873.) Semi-rose type. Immense, full flowers, pure white with a ring of yellow stamens around a tuft of center petals tipped crimson, gaining the title of "Crown of Gold." 75 cts. each.


Felix Crousse. (Crousse, 1881.) Rose type. Rich, dazzling ruby-red without a tinge of purple. None better. Late midseason. 75 cts. each.

Festiva Maxima. (Miellez, 1851.) Rose type. The finest white in existence. Pure white with clear carmine spot on edge of center petal. Early. 50 cts. each.


Mme. Emile Lemoine. (Lemoine, 1899.) Semi-rose type. Large, globular, compact flower. Glossy white, overlaid with a sheen of tender satiny pink covered with minute lilac dots. Very beautiful. $1 each.

Mme. Jules Dessert. (Dessert, 1909.) Rose type. Creamy white overlaid with a pronounced pink center intermixed with golden stamens. Very large, with broad, delicate petals of translucent texture. A charming variety and should be in every collection. $5 each.

Marquis C. Lembrecht. (Dessert, 1911.) Semi-rose type. Large, bright velvet crimson. One of the finest reds ever produced. $2 each.

Reine Hortense (President Taft). (Calot, 1857.) Rose type. Enormous, compact flat flower of soft flesh color, deepening to shell-pink; center showing crimson splashes, sometimes faint stripes on the face of the petals. Well formed and very striking. Deliciously fragrant. A vigorous grower and profuse bloomer. Fine for cut-flowers and usually in bloom just about Decoration Day. Midseason. $2 each.

Sarah Bernhardt. (Lemoine, 1906.) Semi-rose type. Very large flower of perfect form, full and double, with twisted ir- biculated petals. Color apple-blossom-pink with each petal silver-tipped. Strong grower, free bloomer, and very fragrant. One of the finest and most dependable Peonies ever produced, attracting attention in every garden. Late midseason. $1,50 each.

Solange. (Lemoine, 1907.) Rose type. A very large, full, compact flower of indescribable beauty. Color rare, deep orange-salmon at the heart, overlaid with delicate tender reddish brown—a most unusual color combination. The plant is a strong, robust grower and very abundant bloomer. Considered as one of the most unusual and charming Peonies ever produced. Midseason. $6 each.

Suzette. (Dessert, 1911.) Semi-rose type. Bengal-rose, lightly shaded carmine-purple, with silvery reflex. Strong stems. Rare. Midseason. $1 each.

Single Peony
Mistral. (Dessert, 1902.) Carmine, yellow center. 75 cts. each.

Japanese Variety
Ruigueno. Dark velvety maroon, with brilliant yellow petaloids. Very striking and unusually large. $8 each.

Physalis
Francheti (Winter Cherry). 2 ft. Bright orange, blush-like calyx enclosing a cherry-like fruit. Valuable for drying for winter decoration. October. 25 cts. each; $2.50 per doz.; $18 per 100.

Physostegia
Virginica. 3 ft. Long, slender spikes, closely covered with pinkish mauve, tubular flowers. July, August.

Virginica alba. White form of above.
25 cts. each; $2.50 per doz.; $15 per 100.
Phlox

One of the most important families of hardy perennials and should be well represented in every collection. They are best suited by a deep, well-manured soil and abundance of moisture.

*Albion.* 2½ ft. White with faint red eye.

*Antoin Mercier.* 2 ft. Soft lilac-blue, with white center.

*Bacchanale.* 2 ft. Fiery pink with crimson eye.

*Baron van Dedem.* 2 ft. Glowing crimson.

*Bathurst.* 2 ft. Soft pink with bright rose eye.

*La Vague.* 2 ft. Rosy pink.

*Mrs. Jenkins.* 2½ ft. White; large trusses.

*Rosenberg.* 2 ft. Carmine-violet with reddish eye.

*Rijnstream.* 2½ ft. Rose-pink; very large individual flowers.

*R. P. Struthers.* 2 ft. Bright rosy red with crimson eye.

*Thor.* 2½ ft. Very large trusses of dazzling pink flowers.

*Suffruticosa, Miss Lingard.* 2½ ft. Good for cutting; pyramidal trusses of white flowers with faint lilac eyes. June-Sept.

25 cts. each; $2.50 per doz.; $15 per 100

**Dwarf Varieties**

*Amena.* Compact tufts of glossy green foliage and masses of vivid pink flowers in April and May.

*Divaricata.* 9 in. Trusses of large, fragrant, lavender flowers, May.

*Subulata alba (Moss Pink).* 6 in. Moss-like foliage covered in April and May with sheets of white flowers.

*Subulata, G. F. Wilson.* One of the best and most floriferous of spring-flowering plants. Mats of glossy foliage completely hidden by sheets of starrv, lavender flowers in April and May.

*Subulata ilicifolia.* A lilac variety.

*Subulata rosea.* A pink variety.

*Subulata, Vivid.* The most attractive of the dwarf Phloxes. It is a neat, compact grower, and when in bloom, nothing can be seen but a sheet of warm salmon-rose flowers. 50 cts. each; $5 per doz.; $30 per 100.

All Phloxes, except where noted, 25 cts. each; $2.50 per doz.; $18 per 100.

**Pokemium**

*Richardsonii (P. humile).* 1½ ft. Neat tufts of vivid green foliage and erect spikes of pale blue flowers. May. 30 cts. each; $3 per doz.; $18 per 100.

**Sedum • Stonecrop**

**Dwarf Sorts**

Suitable for the rockery, carpet-bedding, covering of graves, etc.

*Acre.* Quickly forms a thick carpet of vivid green, moss-like foliage, hidden by yellow flowers in May.

*Album.* 6 in. Small, succulent leaves which turn reddish bronze in fall. Trusses of white flowers in June and July. An excellent edging plant.

*Hispanicum.* 3 in. A minute plant forming spreading tufts of gray foliage becoming bronzy in fall.

*Spectabile.* 1½ ft. Erect, sturdy habit, with broad, glaucous leaves. The flowers, borne in large, flat heads, are rosy purple in color, and retain their beauty for two months. August, September.

*Spectabile, Brilliant.* A deeper-colored variety than the preceding, being a vivid amaranth-red.

25 cts. each; $2.50 per doz.; $18 per 100.

**Stokesia**

*Cyanea alba.* A white form of the preceding. 25 cts. each; $2.50 per doz.; $15 per 100.

**Statice**

*Latifolia (Sea Lavender).* 1½ to 2 ft. Branching flower-stems bearing countless small, blue-purple flowers which retain their color long after being cut and dried. Very good for cutting. August, September.

25 cts. each; $2.50 per doz.; $15 per 100.

**Sweet William (Dianthus barbatus)**

A well-known, free-flowering hardy perennial, bearing heads of fragrant, richly colored flowers.

*Pink Beauty (Newport Pink).* A beautiful shade of salmon-pink; very large heads on long stems.

*Scarlet Beauty.* Large heads of an intense scarlet color; very striking.

*Holborn Glory.* Giant-flowering varieties in finest assortment of colors.

**Single White.**

25 cts. each; $2.50 per doz.; $15 per 100.

**Tritoma**

*Pfitzeri (Torch Lily).* 2 to 3 ft. A very distinct and handsome late-flowering perennial with tufts of grass-like foliage and thick fleshy stems covered with orange-scarlet, tubular flowers. September, October.

50 cts. each; $5 per doz.

**Veronica**

*Incana.* 1 ft. Compact masses of silver gray foliage and deep blue flowers. May, June.

*Repens.* 3 in. Carpenter of evergreen foliage entirely covered in spring with very pale blue flowers.

*Rupestris.* 6 in. A prostrate trailer forming a thick green carpet which is almost hidden in May and June by myriads of clusters of deep blue flowers.


25 cts. each; $2.50 per doz.; $15 per 100.

**Viola**

*Pedata (Bird's-Foot Violet).* 6 in. Tufts of finely divided leaves and lilac-blue flowers. April, May.

25 cts. each; $2.50 per doz.; $15 per 100.

*Jersey Gem.* One of the best hardy plants of recent introduction, and one that cannot be too highly praised. It possesses every good quality that a plant should have, and, as far as we know, no bad ones. Blooms freely and continuously from spring until frost, and the flowers, royal purple in color, are not affected by the sun. Its foliage is a rich, healthy green, and its habit of growth is neat and compact. In the garden it can be used for edging or massing in beds.

30 cts. each; $3 per doz.; $18 per 100.
WATERER’S DECIDUOUS FLOWERING SHRUBS

Whether planted individually or collectively, shrubs are an important feature in the adornment of any grounds. In such locations where they can be used as specimens, and thus allowed space for symmetrical development, their grace and beauty appear to perfection. Along borders of the lawn, on banks and slopes, along walks and drives and in corners, collections of shrubs may be gathered that will give a succession of bloom from the opening of spring until autumn.

The rich green of the summer foliage plays a greater part in landscape effect than is often realized. The autumn color which the leaves of many varieties assume sets the lawn ablaze at that season. The brilliant berries of some sorts tempt the birds to linger, and, together with the bright bark of such shrubs as some of the Dogwoods, give a tone of color even to the gray landscape of winter.

It follows that the autumn is the ideal time to plant shrubs. The plants can usually be dug any time after the middle of October, and set out from then until the ground is frozen, which rarely happens before December in this latitude. When planted in fall they get the benefit of the early spring months in which to make roots and become established before hot weather sets in.

Althea • Rose of Sharon

Attractive hardy shrubs with large, handsome flowers; extensively cultivated in American gardens, flowering in the late summer—August to November. When there are but few shrubs in blossom, the showy flowers and fruits which characterize most of the species, they are very attractive in winter on account of the brilliant color of the bark.

Alba (White Althea). A strong-growing bush, with crimson-colored branches; attractive in winter. 75 cts. each.

Berberis • Barberry

Thunbergi (Thunberg’s Japanese Barberry). An iron-clad shrub, native of Japan, of low dense habit and having thorny branches. The bright green leaves, in autumn, assume dazzling tones of orange, scarlet, and crimson. Its brilliant red berries, borne in great profusion, persist throughout the winter, and, together with the brilliant foliage, make this shrub invaluable in any planting. It thrives in almost any soil. 1½ to 2 ft., hedge plants, $3.75 per doz., $27 per 100.

Thunbergi atropurpurea (New Red-leaved Japanese Barberry). This is, unquestionably, the most valuable ornamental shrub that has been offered in many years. In the period of growth and in fruiting it is identical with the popular Japanese Barberry, but its foliage, as soon as it develops in early spring, assumes a rich bronzv red color, just a trifle deeper than the color of the red Japanese Maple, and it not only retains this rich coloring from early spring until fall, but, unlike other red-leaved shrubs, this coloring becomes more intense and richer during the hot summer months. Late in the autumn it takes on the varied brilliant high colors of the ordinary Japanese Barberry, but in a subdued form, followed by the same brilliant scarlet berries common to the type and which remain on the plant the entire winter.

Each Doz. 100
1-year-old plants......$0.75 $0.75 $0.75 $0.75
2-year-old plants......1.00 1.00 1.00 1.00
3-year-old plants......1.50 1.50 1.50 1.50

Cerasus • Flowering Almond

Amygdalus

Hardy, free-flowering shrubs with graceful foliage and showy flowers in early spring. They are splendid garden subjects, thriving in almost any well-drained soil.


Berberis Thunbergi atropurpurea. New Red-leaved Japanese Barberry

Cercis

Canadensis (Judas Tree; Red-Bud). A showy tall shrub or small tree. All the branches and twigs are covered with a mass of small rosy pink flowers before the leaves appear. 3 to 4-ft. plants, $1 each.

Clethra

Alnifolia (Sweet Pepper Bush). Of rather low growth, with dense light green foliage. Covered in July and August with spikes of small, creamy white, delightfully fragrant flowers. Sometimes used for hedging. 75 cts. each.

Cornus

Osier; Dogwood; Cornel

Hardy and vigorous shrubs, thriving best in moist, fertile soil. In addition to the showy flowers and fruits which characterize most of the species, they are very attractive in winter on account of the brilliant color of the bark.

Alba (Siberian Red Osier). Bright, red-berried branches. Flowers creamy white in numerous flat-topped clusters. Fruit light blue. Grows 6 to 10 feet high. 3 to 4-ft. plants, 75 cts. each.

Sanguinea (Red-twigged Dogwood). A strong-growing bush, with crimson-colored branches; attractive in winter. 75 cts. each.

Deutzia

Hardy, vigorous shrubs with showy flowers. Extremely floriferous, ornamental, and of easy culture. Thrives in almost any well-drained soil.

Crenata rosea fl.-pl. (Double Pink-flowered Deutzia). Very showy white flowers with one or two rows of the side petals a rosy purple. 3 to 4 ft., 75 cts. each.

Crenata, Pride of Rochester (Large flowered Deutzia). Very large, double white flowers. 4 to 5 ft., 75 cts. each.

Hydrangea

Grand flowering shrubs, admirably adapted for border planting, either as specimen plants or in masses. A moist, fertile soil with full or partial sun is best adapted to their requirements.

Arborescens grandiflora (Snowball Hydrangea). This new variety is one of the finest American shrubs. It is a vigorous grower with pure white flowers. Thrives best in a moist location. Large plants, 75 cts. each.

Philadelphus • Mock Orange

Coronarius (Common Mock Orange). A hardy, free-flowering shrub, 8 to 10 feet tall, which adds beauty, grace, and perfume to our gardens. It has a profusion of showy, fragrant white flowers in spring and early summer. Foliage light green. 3 to 4 ft., 75 cts. each.
Viburnum, continued

**Tomentosum** (Single Japanese Snowball). Leaves dark green with bronzy margins. Flowers white in flat-topped clusters. Berries red, changing to bluish black. 3 to 4 ft., 75 cts. each.

**Plicatum** (Japanese Snowball). The choicest of its class. Pure white, balled-shaped clusters of flowers in May. $1 ea.

**Weigela • Diervilla**

Hardy, free-flowering shrubs of spreading habit, thriving best in moist, loamy soil, and producing in late spring and early summer generous masses of brilliant scarlet. Flowers are red, purple, blue, or white, and most have attractive, hardy foliage.

**Rosa.** The commonest and a favorite, with rosy pink flowers in June. 3 to 4 ft., 75 cts. each.

**Rosa nana variegata** (Variegated Weigela). This is a variegated form of the above, enriching the collection of the fancy-colored foliage group. It is dwarf; the leaves variegated with white. Flowers white or slightly suffused with rose. 4 ft., 75c. each.

**Viburnum**

**Arrow-Wood; High-Bush Cranberry**

Hardy shrubs with showy flowers and foliage. Attractive not only when in blossom, but many species produce large clusters of bright or glittering berries and the foliage assumes brilliant and intense color tones in autumn. Thrives best in moist soils in sunny locations.

**Dentatum** (Arrow-Wood). Handsome, bushy shrub, 5 to 12 feet tall. Leaves heart-shaped, bright green, fading with tones of rich purple and red. A profusion of flat clusters of white flowers in late spring. Berries blue-black. 2 to 3 ft., 75 cts. each.

**Syringa • Lilac**

**Vulgaris** (Common Purple Lilac). Large, upright shrub with heart-shaped, bright green leaves. Flowers deliciously fragrant, shades of lilac-blue and purple. 3 to 4 ft., 75 cts. each.

**Vulgaris alba** (Common White Lilac). The old popular white variety similar to the preceding, differing only in point of color. 3 to 4 ft., 75 cts. each.

**Barberry, Japan**

(Barberis Thunbergi)

Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and toward fall assume rich, brilliant colors; the fruit or berries become scarlet and are extremely decorative on the plants all through the winter. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart. Extra-strong 3-year-old plants, 1½ to 2 feet high, $3.75 per doz.; $27 per 100.

**Weigela • Diervilla**

This is a rapid grower under all conditions, and has handsome glossy foliage that lasts well into the winter. It may be used as a specimen or in a hedge. Withstands any amount of pruning, and is extremely hardy. To make a good hedge, set the plants in a double row 6 inches apart and 6 inches between the rows. By 5-year-old plants, 1½ to 2 feet high, $1.25 per doz.; $6 per 100; $50 per 1,000. 2-year-old, 2 to 2½ feet high, $1.50 per doz.; $8 per 100; $70 per 1,000.

**Waterer’s Two-Year-Old Asparagus Roots**

Ready for shipment October 15

It requires 100 plants for a single row of 150 feet.
High-Grade Tools and Supplies for Garden and Greenhouse

**Prices Subject to Change**

For complete list see our 1928 Spring Catalogue

**Wood Mop**
- Made in three sizes: No. 1, for small single thickness wheels; No. 2, for medium double thickness wheels; No. 2½, for large double thickness wheels. 65 cts. per 1,000, postpaid 75 cts.

**Gloves**
- Heavy, to protect against briars, etc.
- Horse-hide Gauntlets. 30 cts per pair.
- Wristband. 1.75 cts per pair.

**Hose, Rubber, Electric**
- Three-ply, non-kinkable, moulded Hose. The strength and durability of this Hose places it as the finest on the market. 3½-in., 24 cts. per ft.
- Flexo. A good-quality Hose, moderately priced; very serviceable. 3¾-in., 22 cts. per ft.
- Tryme. Surpasses all other grades of Hose at this price. 3½-in., 18 cts. per ft.
- Spray. 3½-in., 15 cts. per ft.
- No charge for couplings on length 25 ft. or longer; shorter than 25 ft., 30 cts per set.

**Hotbed Mats**
- For protecting hotbeds and coldframes. 1-sash, burlap, 40 x 76 in., $2.75; 2-sash, 76 x 76 in., $5.

**Straw Mats**
- For protecting hotbeds and coldframes. 1-sash, burlap, 24 in. x 4 ft., 70 cts.

**Glass Cutters**
- Made of selected cypress. 30 cts. each; $3.50 per doz.

**Painted Pot Labels**
- For complete list see our 1928 Spring Catalogue

**Painted Pot Labels**
- Sizes
  - 1½-in., $0.35
  - 2-in., $0.40
  - 2½-in., $0.45
  - 3-in., $0.50
  - 4-in., $0.60
  - 5-in., $0.75
  - 6-in., $0.90
  - 7-in., $1.00
  - 8-in., $1.25
  - 9-in., $1.50

**Knife, Pruning**
- $1.50

**Painted Pot Labels**
- Sizes
  - 1½-in., $0.35
  - 2-in., $0.40
  - 2½-in., $0.45
  - 3-in., $0.50
  - 4-in., $0.60
  - 5-in., $0.75
  - 6-in., $0.90
  - 7-in., $1.00
  - 8-in., $1.25
  - 9-in., $1.50

**Tree Labels, Copper-wired**
- Painted. 30 cts. per 100, $3.25 per 1,000.

**Simplex Weatherproof**
- Writing is protected by a transparent cover and will last for years if those with lead pencil. However, the pencil markings may be instantly protected by a transparent cover and will last for years if those with lead pencil. However, the pencil markings may be instantly removed with an ordinary eraser, and the label used several times. Prices, including copper wires for attaching:

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<td>No. 3</td>
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**Reddick**
- Mole Traps, Reddick. $1.25 each.

**Schroeter**
- It has a rest on the top for a screw, weight, also eight sharp prongs and a strong spiral spring. $2.50 each.
### HIGH-GRADE TOOLS AND GREENHOUSE SUPPLIES, continued

#### Shears, California. Crucible tool-steel blade; malleable handle; Japan finish. A very good Shear for grape-vines and shrubbery. $1 each.

<table>
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<th>No.</th>
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<td>32</td>
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#### Rubber Burners

- For thinning out bunches of grapes. $1.50 each. (Plastic, $1.25.)
- For burning leaves, papers, and all kinds of rubbish. This handy Burner is a safeguard against many fires that have their origin in the burning of rubbish in the open. The Burner is extra strong, manufactured of galvanized steel wire, reinforced with heavy wire supports. Made to give life-long satisfaction. We supply this Burner in two sizes.

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Diam. (in)</th>
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#### Thermometers

- **No. 5420.** Black japanned heavy tin case. For greenhouses. Black oxidized brass scale, white figures. (Spirit) 8-in., $1.15; 10-in., $1.35.

- **No. 5400.** Copper case. 10-in., $2.90.

- **No. 5981.** Hotbed. Wood frame, 16 inches, with point. Brass oxidized scale, white figures and graduations. Best grade, $2.75.

- **No. 5120.** Distance reading. Wood-back, mission finish, brass scale, white figures and graduations. (Spirit.) 8-in., $1.75.

- **No. 5452.** Self-Registering. Copper case, black brass scale, white figures. **Maximum and Minimum.** $6.25 each with Magnets.

- **No. 5140.** Black scale with white figures and graduations. Wood backs. 8-in., 75 cts.

#### Trowels

- **The Kingsbury.** All one piece of solid steel. 50 cts. each.
- **Johnson Steel.** These have one-piece steel blade and shank, equal to the imported. 5-inch.... $0.70 6-inch.... $0.80

#### Auto Spray

- **No. 5080.** Lighter weight; smaller capacity. This sturdy little machine holds about two and one-half gallons. It is entirely suitable for spraying on a smaller scale, and is particularly recommended for use where weight is a factor, as when women-folk or youngsters help out with the spraying.

- **No. 50B.** $7.90
- **No. 50D.** 540 7.40
- **Brass Spray Nozzle.** A101 3.75
- **A103** 6.00
- **A110** 10.50

**Sprinkler, Rubber.** 8-oz., $1.15; 10-oz., $1.50.

---

**Paper, Celery.** Rolls of 500 sq. ft., $2.25 per roll.

- **Manilla.** For wrapping. 24 x 36 in. 7/8 reel $2.25; 4 reel $4.
- **Manilla Tissue.** 7/8 reel $1.15; reel $2.
- **White Wax.** 24 x 36-in. 7/8 reel $1.75; reel $3.25.

**Green Wax.** 24 x 36-in. 7/8 reel $3.50.

**Pebbles.** Carefully screened and selected. Qt. 10 cts.; pk. 75 cts.; bus. $2.50.

**Plant Stands, Collapsible.** Substantial, well-made Stands. 2-shelf, $5.25; 3-shelf, $6.25.

**Pot Brackets, Iron.** For one pot, 45 cts.; 2-arms, 60c.; single-arm, two pots, 75c.

**Steel.** For 2-inch pots, 60 cts.; 6-inch pots, 70 cts.; 7-inch pots, 80 cts.

**Raffia.** Tough, pliable grass for tying plants. Natural color, 40 cts. per lb.; dyed green, $1 per lb.

**Rollers, Water Ballast.** Fill with water, which will weight it up to any number of pounds desired, as shown below. Equipped with feature for balancing handles, which always keeps the handle in position ready for use; blades are of the best forged steel. 10-in. $2.25; 12-in., $3.50; 14-in., $4.75; 16-in., $6.

**Sec.-Diam. Length Weight Weight**

<table>
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<th>No.</th>
<th>ID.</th>
<th>Galvanized Tank with Auto Cock. 6 00</th>
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<td>$9.00 Brass Tank with Auto Pop.</td>
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<tr>
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<tr>
<td>505</td>
<td>3</td>
<td>$8.00 Brass Tank with Stop Cock.</td>
</tr>
</tbody>
</table>

**Cutting Tools.** Solid steel butcher and hook. Made of Crucible tool-steel, tempered to hold an edge. Give good service. Shears sharp. $6.50 each.
Twine, Jute. For tying plants and vines; soft and very strong. 2 and 3-ply, ball, 25 cts.; lb., 40 cts.


Green Silkaline. Very largely used for tying plants and stringing smilax, asparagus, etc. Spool, 35 cts.

Tar Twine. Ball, 35 cts.


Cedar Tubes
Equipped with Strong Iron Drop Handles and Feet
These are made by hand, of the very best white cedar, painted green, bound with black iron hoops. Inside diam. Each
No. 0. 22 1/2 in. $11.50
No. 1. 23 1/2 in. 10.50
No. 2. 21 1/2 in. 9.50
No. 3. 18 1/2 in. 7.50
No. 4. 16 1/2 in. 6.50
No. 5. 14 1/2 in. 5.75
No. 6. 12 1/2 in. 5.00
No. 7. 11 1/2 in. 4.25
No. 8. 10 1/4 in. 3.75

Sauces
These are made by hand, of the very best tying plants and stringing smilax, asparagus, etc. Spool, 35 cts.

Standard Earthenware Flower Pots
Full inside measurement. Six at dozen rates; 50 at 100 rates; 300 at 1,000 rates.

No. 8.

<table>
<thead>
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<td>107</td>
<td>1.50</td>
</tr>
</tbody>
</table>

Cut-Flower Vases
Galvanized iron. Seams well soldered. Each

<table>
<thead>
<tr>
<th>No.</th>
<th>Top Diam.</th>
<th>Depth</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>7 in.</td>
<td>8 in.</td>
<td>$0.65</td>
</tr>
<tr>
<td>66</td>
<td>7 in.</td>
<td>8 in.</td>
<td>$0.65</td>
</tr>
<tr>
<td>67</td>
<td>7 1/4 in.</td>
<td>8 1/4 in.</td>
<td>0.90</td>
</tr>
<tr>
<td>68</td>
<td>8 1/4 in.</td>
<td>12 1/2 in.</td>
<td>1 10</td>
</tr>
<tr>
<td>69</td>
<td>9 in.</td>
<td>18 in.</td>
<td>1.75</td>
</tr>
<tr>
<td>70</td>
<td>9 in.</td>
<td>24 in.</td>
<td>1.75</td>
</tr>
</tbody>
</table>

Round Bulb or Lily Pans

<table>
<thead>
<tr>
<th>Width</th>
<th>Each</th>
<th>Doy.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>$0.09</td>
<td>$0.98</td>
</tr>
<tr>
<td>7 in.</td>
<td>1.62</td>
<td>12.15</td>
</tr>
<tr>
<td>8 in.</td>
<td>7.34</td>
<td>12.15</td>
</tr>
<tr>
<td>9 in.</td>
<td>11.2</td>
<td>17.55</td>
</tr>
<tr>
<td>10 in.</td>
<td>14.4</td>
<td>25.00</td>
</tr>
<tr>
<td>12 in.</td>
<td>22.5</td>
<td>34.75</td>
</tr>
<tr>
<td>12 1/2 in.</td>
<td>25.5</td>
<td>39.00</td>
</tr>
<tr>
<td>14 in.</td>
<td>33.3</td>
<td>50.75</td>
</tr>
<tr>
<td>14 1/2 in.</td>
<td>41.5</td>
<td>65.00</td>
</tr>
</tbody>
</table>

Rubber Saucers
Durable and waterproof. Each

<table>
<thead>
<tr>
<th>No.</th>
<th>3 1/4 in.</th>
<th>4 3/4 in.</th>
<th>5 1/2 in.</th>
<th>6 1/2 in.</th>
<th>7 1/2 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$0.25</td>
<td>$0.25</td>
<td>$0.25</td>
<td>$0.25</td>
<td>$0.25</td>
</tr>
<tr>
<td>2</td>
<td>$0.30</td>
<td>$0.30</td>
<td>$0.30</td>
<td>$0.30</td>
<td>$0.30</td>
</tr>
<tr>
<td>3</td>
<td>$0.35</td>
<td>$0.35</td>
<td>$0.35</td>
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<td>4</td>
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<td>$0.40</td>
<td>$0.40</td>
<td>$0.40</td>
<td>$0.40</td>
</tr>
<tr>
<td>5</td>
<td>$0.50</td>
<td>$0.50</td>
<td>$0.50</td>
<td>$0.50</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

Watering Cans

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Doy.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round Ova</td>
<td>45 qt.</td>
<td>$4.70</td>
</tr>
<tr>
<td>Round Oval</td>
<td>5 qt.</td>
<td>$4.75</td>
</tr>
<tr>
<td>Extra Roses or Sprays</td>
<td>$1.00</td>
<td>10-quart.</td>
</tr>
<tr>
<td>Window. Long spout. Rose, Blue, and Maroon.</td>
<td>2-quart.</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

Water Barrels and Truck

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Doy.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 1/4 in.</td>
<td>$0.85</td>
<td>5 1/4 in.</td>
</tr>
<tr>
<td>10 quart.</td>
<td>$1.00</td>
<td>15 quart.</td>
</tr>
<tr>
<td>Truck with hose, no rack or barrel.</td>
<td>$17.50</td>
<td></td>
</tr>
</tbody>
</table>

Wheelbarrows

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Doy.</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1.</td>
<td>24 in.</td>
<td>$0.85</td>
</tr>
<tr>
<td>No. 2.</td>
<td>25 in.</td>
<td>$1.15</td>
</tr>
<tr>
<td>No. 3.</td>
<td>30 in.</td>
<td>$1.90</td>
</tr>
<tr>
<td>Special Heavy Duty. Narrow body.</td>
<td>$3.75</td>
<td></td>
</tr>
</tbody>
</table>

STANDARD GARDENING BOOKS
For those who seek practical, worth-while advice

A WOMAN'S HARDY GARDEN. Mrs. Ely. A very popular and helpful book for the amateur, beautifully illustrated. $2.15.

ASPARAGUS. Hexamer. Gives all details. $1.

A LITTLE BOOK OF ANNUALS. A reliable guide through the season of annual bloom. Cloth cover $1.75.

A LITTLE BOOK OF PERENNIALS. Devoted to most of the principles of growing, using, selecting, and propagating perennials. Cloth cover $1.75.

BULB BOOK. Tells how to handle to ensure the best success. 25 cts.

CLIMBING PLANTS. Written to answer most of the questions about suitable climbing plants and ground-covers for various purposes. Cloth cover $2.

FERTILIZER. Voorhees. How to make and use. $2.75.

GARDEN GUIDE. (The Amateur Gardener's Handbook). Direct, simple, and reliable information on vegetable, fruit and flower-gardening, planning the home gardens, growing directions, trees, shrubs, and climbers, bulbs, the rock-garden, how to propagate plants, other allied subjects too numerous for mention. Paper cover $1; cloth cover $1.50.

GREENHOUSE MANAGEMENT. Taft. A reliable guide on this important branch of horticulture. $2.45.

HOME FRUIT GROWER. For the amateur who seeks to grow high-quality fruits. Cloth cover $1.65.

MILADY'S HOUSE PLANTS. For those seeking success with plants in the home. Tells how to care for Palms, Ferns, Rubber Plants, Fuchsias, Jerusalem Cherries and scores of other popular house plants, together with advice about the best plants to grow indoors. Cloth cover $1.

MUSHROOM CULTURE. Duggar. Mushroom culture by up-to-date methods. $2.15.

PAGES FROM A GARDEN NOTE BOOK. Mrs. Francis King. Very instructive, entertaining, practical book on gardening, illustrated. $3.

ROSES, HOW TO GROW. Latest revised edition of this helpful, interesting book for the rose-lover. $2.

THE BOOK OF BULBS. Pictures and text take you into the garden and show the almost limitless possibilities that bulbs offer. $3.
Insecticides, Etc.

Prices subject to change without notice. Directions for using any of the following will be found on each package.

**Ant Destroyer** (McGregor’s). An effective exterminator of ants, roaches, etc. ½ lb. 50 cents; lb. $1; 5 lbs. $4.75; 10 lbs. $9; 25 lbs. $22; 100 lbs. $80.

**Aphine**. The recognized standard insecticide. Not a cure-all, but a specific, well-tested and sure-acting insecticide for plants. It is highly effective for destroying aphids, scale, thrips, white flies, and many other pests. It can be used in water, on foliage, on flowers, or on the soil. It exerts a powerful fumigating effect on the soil and is effective against all stages of the pests. One pint covers 500 square feet.

**Arsenate of Lead**. Powdered. One to 1½ pounds dilutes to 50 gallons of water, or may be used dry, like Paris Green. Lb. 50 cents; 5 lbs. $2.25; 10 lbs. $4; 25 lbs. $8.50; 50 lbs. $16; 100 lbs. $27.

**Black-Leaf 40**. A concentrated solution of nicotine in spray form. 1-oz. bottle 3½; 1½-oz. bottle 5½; 2-oz. bottle 3½; 3-oz. bottle 10½.

**Bordeaux Mixture**. (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1-lb. box 50 cents; 5-lb. box 2.50; 10-lb. box 5.00.

**Calcium Cyanide**. A valuable insecticide for greenhouse fumigation, for destroying aphids, white fly, soft scale, thrips, etc. Also highly effective for exterminating moles, ground squirrels, field-and tree-lice, and other insect pests. Lb. $1.75; 5 lbs. $7.50.

**Copper Solution**. (Liquid.) For fungus, mildew, leaf blight, rust, and black spot. Qt. $1.50; gal. $4.

**Kerosene Emulsion**. (Liquid.) For cabbage worms, scale, on trees, caterpillars, melon louse, rose bugs, green fly, and lice of all kinds. Pt. 50 cents; qt. 85 cents; gal. $2.25.

**Lemon Oil Co.’s Standard Insecticide**. Destroys mealy bugs, scale, thrips, red spider, black and green fly, etc. ½pt. 35 cents; pt. 60 cents; qt. 1.75; gal. $1.75; gal. $5; 5 gals. $12.

**Nico-Fume**. (Dry.) For controlling vapor or fume, for controlling green fly, aphid, etc., in greenhouses and outdoors. ¼ lb. 85 cents; lb. $2.50; 4 lbs. $8; 8 lbs. $15.

**Nico-Fume Paper**. For fumigating greenhouses; gives off dense fumigating vapor. Box (24 sheets) $1.50; 44 sheets $5.50; 288 sheets $10.

**Nico-Fume Tobacco Powder**. A tobacco powder highly charged with nicotine, used for fumigating greenhouses. Lb. $1.15; 5 lbs. $4.25; 10 lbs. $8.

**Nikoteen**. (30 per cent.) One of the very best forms of tobacco or nicotine preparations; usually diluted in water; makes a satisfactory spray as well as vapor. ½-lb. bottle $1.35; 1-lb. bottle $2.25; 4 lbs. $7.

**Paradichlorobenzene**. For peach-tree borers. Lb. can 65 cents; 5-lb. can $2.75; 10-lb. can $5; 25-lb. keg $12.

**Rat Corn**. A very effective rat poison. Cans 25 and 50 cents each.

**Rax**. The most efficient rat exterminator. Introduces a contagious disease which affects only rats. 75 cents.

**Sheep Manure**. Apply 1,000 pounds per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant-food. 45 lbs. 100 cents; 70 lbs. 25 lbs. $1.25; 50 lbs. $2; 100 lbs. $3.75; 500 lbs. $18; 1,000 lbs. $33; ton $60.

**Stim-U-plant**. A plant-food in tablet form; contains highly concentrated, immediately available forms of plant-food for use in stimulating all fruit, flower, vegetable, and ornamental plants, and may be used in spray form in liquid form. Pkg. (30 tablets) 25 cents; 100 tablets $3.50.

**Tobacco Stems**. For fumigating, mulching, and fertilizing; an excellent top-dressing for lawns in winter. In bales, 2 cents per lb.; ½ ton $15; 1 ton $27.50.

**Terogen**. Autumn-Winter Ground Dressing

Destroys the spores of fungi of diseases. Kills the larvae of insects, such as rose-pith borers, rose bugs, Japanese beetles, aphids and ants.

A 1-lb. tin.......... $0.75 10-lb. tins........... $4.75 2-lb. tins.......... 1 25-2 lb. drums........... 11 00 4-lb. tins.......... 2 75 100-lb. drums........... 40 00

NOTE.—A 1-lb. tin is sufficient for one application for 30 to 50 rose bushes.

**Sundries**

**Bulb Fibre**. This is a prepared fibre containing all the ingredients for producing blooms from bulbs indoors. It can be used for any other plant, as it does not require drainage. Qt. 12c.; pk. 45 cents; pk. 75 cents; ½ bushel $1.25; bus. $2.

**Charcoal, Lump**. For use in potting.Pk. 65 cents; bus. $1.50; bbl. sack $2.50.

**Hay, Salt**. For protecting plants in winter. 2 cts. per lb.

**Lawn Mower Oil**. Pk. 50 cents; bus. $1.50; bbl. sack $3.25.

**Lawn Fertilizer Oil**. Pt. 25 cents; qt. 35 cents; ½ gal. 65 cents; gal. $1.10; 5 gals. $4.25.

**Orchard Pellet**. Selected. Sack $3.25.

**Perch Basin**. Bbl. per lb. $11.50.

**Sphagnum Moss, Dry**. 5-bbl. bale $4.50.

**Sphagnum Moss, Live**. Bbl. $3.25.

**Sphagnum Moss, Green**. Bbl. $3.25.

**Sphagnum Moss, Green Sheaths**. 30 cts. per lb.

**Propagating Sand**. Bbl. $3.

**Pebbles**. Qt. 10 cents; pk. 75 cents; bus. $2.50; bbl. sack $5.

**Soil for Potting**. Pk. 40 cents; bus. $1.30; bbl. sack $3.25.
Hosea Waterer

714 Chestnut Street

**QUALITY**

Seeds  
Bulbs and  
Plants

---

**1928**

**SERVICE**

Fertilizers  
Insecticides  
Sprayers  
Tools

---

**HOSEA WATERER**

714 Chestnut St., PHILADELPHIA, PA.  
(One Block West of Independence Hall)

---

**PLEASE USE THIS ORDER SHEET**

---

**Date**  
**Charge to**  
**Amount enclosed, $**

Name  
Post Office  
Street and Number  
P. O. Box or R. F. D.  
County  
State  
Express Office  
Ship by  
Ordered by

---

<table>
<thead>
<tr>
<th>Date Shipped</th>
<th>Pkgs.</th>
<th>Boxes</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Bags</td>
<td>Baskets</td>
</tr>
<tr>
<td></td>
<td>Bbls</td>
<td>Bds.</td>
</tr>
</tbody>
</table>

**Express, Freight or Parcel Post**

All Seeds, etc., sold herewith will be supplied only under the terms stated in our Catalogue

---

**QUANTITY**  
**ARTICLES**  
**PRICE**

---

Carried forward
<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>ARTICLES</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brought forward</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Sow Waterer's Grass Seed Mixtures for Lawns and Pleasure Grounds this Fall

The fall season, from August 15 to October 15, is the best time to sow Lawn Grass Seed. The fall rains hasten germination and enable the roots to become well established before freezing weather sets in. Growth is resumed with the first thaws of early spring and the roots are strengthened, while seed sown in the spring is just undergoing germination. A lawn grown in this way will endure summer droughts better than a spring-sown lawn. One quart is sufficient for 100 square feet, 4 to 5 bushels for an acre; for renovating old lawns, about half that quantity.

HOW TO MAKE A LAWN

To produce a good lawn requires considerable work; do not make the mistake of trying to cheapen the preparation, for nowhere in the garden is the old axiom of "What is worth doing, is worth doing well," better illustrated.

The soil must be deep; a good lawn cannot exist on thin soil. Plow the ground deeply—a foot is none too much. Apply to the soil before plowing, a heavy coating of well-rotted stable manure. Fresh manure carries too many weed-seeds; its use should be avoided. A lawn will not thrive on sour soil; lime the ground after plowing, using 2 tons of ground limestone to the acre. If manure is not available, sheep manure or chemical manures may be substituted.

Ground bone-meal, 800 pounds to the acre, is a good lawn fertilizer, furnishing plant-food over a long period; 100 pounds of nitrate of soda and 100 pounds of dried blood to the acre should be applied at the same time; these furnish nitrogen for immediate use. Sheep manure at the rate of 1,000 pounds to the acre may be used instead of nitrate of soda and dried blood. When only a small lawn is being made, use 20 pounds of bone-meal to 250 square feet, ¾ pound each of nitrate of soda and dried blood, or 6 pounds of sheep manure. Harrow and cross-harrow until the ground is thoroughly pulverized; the better harrowed the ground is, the better the grass will grow and the more permanent the lawn.

If Grass Seed is wanted by parcel post, please add for postage at your zone rate (see page 3).

Waterer's "Best" Lawn Grass Mixture

An exceptionally fine mixture of the best American and European grasses adapted to lawn-making. They are all of dwarf spreading growth and deep rooted, forming a close, velvety surface which will withstand the intense heat of summer. Highly recommended. Pt. 30 cts.; qt. 50 cts.; pk. $3.25; bus. (20 lbs.) $12.

WATERER'S SPECIAL EVERGREEN LAWN MIXTURE. A combination, in proper proportions, of the best natural lawn grasses, that will produce a continuous good lawn from early spring until late, and the ingredients are the highest grade of recleaned seeds only. Pt. 25 cts.; qt. 45 cts.; pk. $2.75; bus. (20 lbs.) $10.

WATERER'S POPULAR EVERGREEN LAWN MIXTURE. In this mixture the quantities of some of the more expensive grasses are reduced or left out. Produces a thick turf, well adapted to hard usage. Pt. 20 cts.; qt. 35 cts.; pk. $2.15; bus. (20 lbs.) $8.

WATERER'S MIXTURE FOR SHADY PLACES. A mixture of grasses best adapted for sowing in shady places, where other grasses will not thrive. Pt. 25 cts.; qt. 45 cts.; pk. $2.75; bus. (20 lbs.) $10.

WATERER'S TERRACE MIXTURE. A special mixture of grasses best suited for sowing on terraces and side-hills—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, green turf throughout the season. Pt. 25 cts.; qt. 45 cts.; pk. $2.75; bus. (20 lbs.) $10.

White Dutch Clover Seed

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb. 85 cts.; 5 lbs. $4; 10 lbs. $7.75; bus. (60 lbs.) $45.

Waterer's Permanent Pasture and Hay Mixture

A mixture of varieties which will form a permanent pasture that lasts for years. Sow on new land which has been plowed and harrowed, at the rate of 60 pounds per acre; on ground partly covered, about 30 pounds per acre. Pk. $1.75; bus. (20 lbs.) $6.50.

These seven varieties of Darwin, Breeder, and Cottage Tulips are shown in natural colors at the top of this page. The collection of 50 bulbs of each variety will make a most gorgeous garden display.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze Queen</td>
<td>Golden bronze; extra large. 28 in.</td>
<td></td>
</tr>
<tr>
<td>Centenaire</td>
<td>Violet-rose, with bluish base. 30 in.</td>
<td></td>
</tr>
<tr>
<td>King Harold</td>
<td>Ruby-crimson with distinct black center. 24 in.</td>
<td></td>
</tr>
<tr>
<td>Le Reve (Hobbema)</td>
<td>Salmon-pink, shaded lilac. 14 in.</td>
<td></td>
</tr>
<tr>
<td>Marconi</td>
<td>Deep purple, changing to lighter purple. 27 in.</td>
<td></td>
</tr>
<tr>
<td>Mrs. Moon</td>
<td>Rich orange-yellow. 25 in.</td>
<td></td>
</tr>
<tr>
<td>Princess Elizabeth</td>
<td>Deep pink flower shaped like a rose-bud. 26 in.</td>
<td></td>
</tr>
</tbody>
</table>

5 bulbs of each (35 bulbs) | $2.25  
10 bulbs of each (70 bulbs) | $4.00  
25 bulbs of each (175 bulbs) | $9.00  
50 bulbs of each (350 bulbs) | $17.00  

**COLLECTION No. 3**

**WATERER’S BULBS**

AUTUMN, 1928

HOSEA WATERER, Seedsman and Bulb Importer

714 Chestnut Street, PHILADELPHIA, PA.