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U.S. DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
★ OCT. 1925 ★
U.S. DEPARTMENT OF AGRICULTURE

Bulb and Plant Book

By
Bolqiano of Baltimore
1925

DIRECTIONS FOR ORDERING

QUANTITY—Plants and Nursery Stock.

Lots of five and fifty will be furnished at the ten and one hundred rates, respectively, and five hundred at the thousand rate.

This applies when the order is for all one variety of the plant the same size.

TERMS—Plants and Nursery Stock.

Cash with order. Reserve orders for future delivery must be accompanied by a deposit of 50 per cent. of the value of the order.

Free delivery within Baltimore City limits of all orders amounting to \$2.00 or more.

Prices subject to change without notice owing to conditions beyond our control.

SHIPPING SEASON—Plants and Nursery Stock.

September 1st to May 1st.

EXPRESS AND FREIGHT—Plants and Nursery Stock.

Small orders will go by express, but freight will be used wherever practical.

GUARANTEE AND CLAIMS—Plants and Nursery Stock.

Only first-class stock, true to name. No substitutions will be made unless by permission accompanying order.

We can give no guarantee on the life of stock as we have no control over its usage after it leaves our hands.

Claims for damage while in transit must be made to the delivery company.

PARCEL POST RATES—Bulbs Only.

All Seeds, Plants, Bulbs, Roots, Insecticides, etc., may be sent throughout the United States by Parcel Post. On weights of more than half pound, the pound rate shown in Parcel Post Table will apply. Parcels weighing half pound or less, the rate is 1c. for each 2 ounces or fraction thereof, regardless of distance.

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C. O. D. BY MAIL—Bulbs Only.

If your Post Office is a Money Order Office, we can, if you desire and if it is more convenient for you send any bulbs you want out of this catalogue by mail C. O. D. (collection on delivery). If you want it this way, send 25 per cent. of purchase price with order.

WE OFFER SPECIAL PRICES IN CASE LOTS—Bulbs Only.

For the use of schools, colleges, civic improvement clubs and municipal boards, write for estimates.

AS TO WARRANTY.

We give no warranty, expressed or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money that has been paid for the same will be refunded.

THE J. BOLGIANO SEED COMPANY

LIGHT AND PRATT STREETS

BALTIMORE, MD.

E. A. LUCEY,

President and General Manager.

MISS J. L. ANDERSON,
Manager, Bulb Department.

G. R. DERICK,
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EXTRA ORDER BLANKS AND ENVELOPES FURNISHED ON REQUEST

"TESTED AND TRUSTED" OVER A CENTURY

IN COMMON WITH OTHER RESPONSIBLE SEED HOUSES, WE SELL OUR GOODS SUBJECT TO THE FOLLOWING TERMS, IT BEING THAT ADOPTED BY THE AMERICAN SEED TRADE ASSOCIATION.

WE GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS, BULBS OR PLANTS WE SEND OUT, AND WE WILL NOT BE RESPONSIBLE IN ANY WAY FOR THE CROP PRODUCED THEREFROM. IF THE PURCHASER DOES NOT ACCEPT THE GOODS ON THESE TERMS, THEY ARE AT ONCE TO BE RETURNED AND THE MONEY THAT HAS BEEN PAID FOR SAME WILL BE REFUNDED.

KINDLY USE THIS SHEET FOR YOUR ORDER ONLY

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Please forward the following order for which find enclosed:

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**PLANTS AND NURSERY STOCK SHIPPED
BY FREIGHT OR EXPRESS F. O. B.
BALTIMORE, MD.**

**IF OUT OF VARIETY
ORDERED HAVE WE YOUR
PERMISSION TO
SUBSTITUTE EQUAL OR
BETTER?**

ANSWER YES or NO _____

Money Enclosed	Amount
Bills or Silver	
<i>Are sent at owner's risk.</i>	
<i>(Register the Letter)</i>	
Draft or Check	
Ex. Money Order	
Post-Office Order	
Postage Stamps	
Total	

If goods
are wanted
C. O. D. 25
per cent. of
the amount
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accompany
the order.
No plants
shipped
C. O. D.

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OVER

 PLEASE GIVE YOUR NAME AND ADDRESS IN FULL

A BED OF FIRST SIZE HYACINTHS

DUTCH HYACINTHS

These are among the most popular and most dependable of all flowering bulbs. Their showy, wax-like, bell-shaped flowers borne in large trusses, are delightfully fragrant and unsurpassed for beauty. Hyacinths are most attractive for indoor planting during the winter (in pots of soil or glasses of water) or outdoors in beds or group-plantings.

OUTDOOR CULTURE. Carefully prepare the soil to a depth of twenty inches. This enables the roots to penetrate the soil easily and to develop properly. Hyacinths succeed well in any good soil, provided it is well drained and not too heavy. (Soil may be loosened up and also drained by the addition of a little sand.) Plant Hyacinth bulbs any time from October 1 to December 1, or even later if the ground is not frozen. Set the bulbs 6 inches deep (to the bottom of the bulbs) and 6 to 10 inches apart. After the ground freezes protect the beds with a light covering of straw, leaves or coarse manure. Be sure to remove this covering as soon as severe weather is past.

POT CULTURE. Plantings may be made at any time from September to December. Fill a pot or bulb pan with light rich soil or bulb fibre. Provide proper drainage by placing a piece of broken pot over the hole in the bottom of the pot or pan. Set the bulbs so the crowns or tops of the bulbs just appear above the surface and water freely. Set the pots away in a cool dark cellar or bury them in the

ground outdoors, covering them with sand or ashes to a depth of six inches. This enables the bulbs to make a strong root growth without any top growth which is essential to obtain the most perfect and most beautiful blooms. After eight or ten weeks bring the pots first into a cool dark room and then, when the bulbs are about to flower, into a warmer, light room. By preparing a number of pots or pans a few may be brought into the house at a time and a succession of blooming Hyacinths had throughout the entire winter. Plant one bulb to a 4-inch pot, three bulbs to a 6-inch pan.

CULTURE IN GLASSES. Use a Hyacinth vase and fill with water. Set the bulbs so the base just barely touches the water. Too much water will cause the bulbs to rot and spoil the flowers. Place the glass in a cool, dark closet until the flower has been pushed well up out of the neck of the bulb, then bring into the light for further development. Change the water frequently, give plenty of fresh air, but avoid all drafts. (See page 4 for Hyacinth Glasses.)

NOTE—All Bulbs and Roots are forwarded by Express, purchaser paying charges.
If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

FIRST SIZE NAMED HYACINTHS

No better bulbs to be found anywhere; they will produce the largest and most perfect trusses of bloom. First size bulbs should always be selected for specimens in pots, for fibre culture and for garden bedding when the largest and most beautiful blooms are desired. The smaller bulbs are oftentimes used for bedding, garden borders, or for forcing for winter cut flowers.

Single White

ARENTE ARENDSEN. An early pure white, with large open petals.

LA GRANDESSE. The showiest pure white. Long full spikes of waxy bells. An exhibition variety.

L'INNOCENCE. An excellent white Hyacinth for all purposes. A fine forcing and bedding variety.

QUEEN OF THE WHITES. Unusually large trusses with large handsome pure white bells. Excellent for forcing.

Single Red or Rose

GENERAL DE WET. Beautiful light rose, a large well filled spike. A gorgeous variety for forcing and bedding.

GERTRUDE. A most popular rosy pink variety. Large compact truss of blooms.

GIGANTEA. A delicate blush pink. Large very compact spikes.

LADY DERBY. Bright rose pink. Extra large truss filled with large perfect bells. An excellent variety for bedding, the stem being very strong to support the heavy truss. A fine forcer.

LA VICTOIRE. A bright glistening deep carmine red with an exceptionally large compact truss. A wonderful exhibition variety.

MARCONI. Very bright rose. Beautifully shaped flower spikes. An excellent specimen variety either for pot culture or for out of doors.

MORENO. A splendid deep pink; large truss just crowded with beautiful waxy bells. Early flowering.

QUEEN OF THE PINKS. A clear rosy pink. Large compact truss with large bells of exceptional color and substance.

ROI DES BELGES. Very deep red. Large upright well filled flower spikes. A beautiful variety.

Single Light and Dark Blue

ENCHANTRESS. A gorgeous clear light blue, one of the best of its color. Extra fine spikes of large bells. An exhibition variety.

GRAND LILAC. Exceptionally large flowers of a beautiful light blue color, shaded lilac.

GRAND MAITRE. A splendid deep lavender blue, large compact Truss with a very dark stem which contrasts beautifully with the color of its bells. Most useful for bedding or forcing.

KING OF THE BLUES. The finest of the dark blue varieties. Very large compact truss.

PERLE BRILLIANTE. Excellent bedder and forcer. Light blue beautiful bells.

QUEEN OF THE BLUES. One of the best azure blues. Very beautiful clear waxy bells on strong stems.

Single Purple and Violet

LORD BALFOUR. Lilac tinged violet. The very best of this color. Large compact trusses.

SIR WILLIAM MANSFIELD. Purplish mauve. A splendid variety.

Single Yellow

CITY OF HAARLEM. A gorgeous pure yellow, with large well filled trusses. An exhibition variety.

KING OF THE YELLOWS. A lovely bright yellow. Large compact handsome spikes.

YELLOW HAMMER. Large trusses of rich yellow bells. An excellent variety.

Price: Any of the above First Size Named Hyacinths.
25c. each. \$2.50 per dozen. \$18.00 per 100.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight, 3 lbs. per dozen.

Six sold at dozen rate; 25 at the 100 rate.

Bolgiano's Collection of Named Hyacinths

Our collections are made up of Selected First Size bulbs of the best exhibition varieties.

Mailing weight, 3 lbs. per 1 dozen bulbs.

No. 1. Six distinct varieties, all separate colors. Our selection \$1.15.

No. 2. Two each of six distinct varieties, all separate colors. Our selection \$2.25.

No. 3. Three each of six distinct varieties, all separate colors. Our selection \$3.40.

No. 4. Four each of six distinct varieties, all separate colors. Our selection \$4.50.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

SECOND SIZE NAMED HYACINTHS

Single White

ARENTINE ARENSEN. An early pure white, with large open petals.

LA GRANDESSE. The showiest pure white. Long full spikes of waxy bells. An exhibition variety.

L'INNOCENCE. An excellent white hyacinth for all purposes. A fine forcing and bedding variety.

QUEEN OF THE WHITES. Unusually large trusses with large handsome pure white bells. Excellent for forcing.

Single Red or Rose

GENERAL DE WET. Beautiful light rose, a large well filled spike. A gorgeous variety for forcing and bedding.

GERTRUDE. A most popular rosy pink variety. Large compact truss of blooms.

GIGANTEA. A delicate blush pink. Large very compact spikes.

LADY DERBY. Bright rose pink. Extra large truss filled with large perfect bells. An excellent variety for bedding, the stem being very strong to support the heavy truss. A fine forcer.

LA VICTOIRE. A bright glistening deep carmine red with an exceptionally large compact truss. A wonderful exhibition variety.

MARCONI. Very bright rose. Beautifully shaped flower spikes. An excellent specimen variety either for pot culture or for out of doors.

MORENO. A splendid deep pink; large truss just crowded with beautiful waxy bells. Early flowering.

QUEEN OF THE PINKS. A clear rosy pink. Large compact truss with large bells of exceptional color and substance.

ROI DES BELGES. Very deep red. Large upright well filled flower spikes. A beautiful variety.

Single Light and Dark Blue

ENCHANTRESS. A gorgeous clear light blue, one of the best of its color. Extra fine spikes of large bells. An exhibition variety.

GRAND LILAC. Exceptionally large flowers of a beautiful light blue color, shaded lilac.

GRAND MAITRE. A splendid deep lavender blue, large compact truss with a very dark stem which contrasts beautifully with the color of its bells. Most useful for bedding or forcing.

KING OF THE BLUES. The finest of the dark blue varieties. Very large compact truss.

PERLE BRILLIANTE. Excellent bedder and forcer. Light blue beautiful bells.

QUEEN OF THE BLUES. One of the best azure blues. Very beautiful clear waxy bells on strong stems.

Single Purple and Violet

LORD BALFOUR. Lilac tinged violet. The very best of this color. Large compact trusses.

SIR WILLIAM MANSFIELD. Purplish mauve. A splendid variety.

Single Yellow

CITY OF HAARLEM. A gorgeous pure yellow, with large well filled trusses. An exhibition variety.

KING OF THE YELLOWS. A lovely bright yellow. Large compact handsome spikes.

YELLOW HAMMER. Large trusses of rich yellow bells. An excellent variety.

Price: Any of the above Second Size Named Hyacinths,
20c. each. \$2.00 per dozen. \$15.00 per 100.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.
Mailing weight, 3 lbs. per dozen bulbs.

If wanted by Parcel Post, add postage as per Parcel Post table on inside cover.

Six sold at dozen rate; 25 at the 100 rate.

SPECIAL VARIETIES OF HYACINTHS FOR GLASS OR POT CULTURE

The following are the choicest selected extra fine bulbs of special varieties most adapted to glass culture:

GERTRUDE—Deep pink.

GRAND MAITRE—Porcelain blue.

KING OF THE BLUES—Deep blue.

LADY DERBY—Rose pink.

LA GRANDESSE—Pure white.

LA VICTORIE—Glistening red.

MARCONI—Bright rose.

PERLE BRILLIANTE—Light blue.

ROI DES BELGES—Deep red.

YELLOW HAMMER—Pure yellow.

PRICE:

30c. each. \$3.00 dozen. \$22.50 per 100.

Mailing weight, 3 lbs. per 1 dozen bulbs.

Six sold at dozen rate; 25 sold at the 100 rate.

MINIATURE HYACINTHS.

Bolgiano's Collection for Glass Culture

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight, 3 lbs. per dozen.

Six distinct varieties, all separate colors. Our selection \$1.40.

Twelve distinct varieties, all different shades of color. Our selection \$2.75.

Hyacinth Glasses

There is no prettier way to grow Hyacinths than in Hyacinth Glasses. They make a most magnificent home decoration.

We can supply two styles of these glasses—the tall and short.

Tye or Low Patterns, all colors, 35c. each, \$4.00 dozen.

Belgian, tall, in all colors, 35c. each, \$4.00 dozen.

SINGLE HYACINTHS FOR BEDDING

This size bulb will give excellent results, for large plantings, where the second size bulb is considered too expensive. These bulbs are all sound and much larger than those put into an ordinary mixture. Our bedding hyacinths offered below are all of the one color indicated and bloom at one time. They will make a gorgeous display in beds, along borders of perennial beds or among shrubbery and are sure to produce large compact beautiful blooms.

Pure White.

Rose and Pink.

Dark Red.

All Colors Mixed.

Light Blue.

Dark Blue.

Yellow.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight, 3 lbs. per dozen bulbs.

PRICE:

15c. each. \$1.50 dozen. \$12.00 per 100.

Six sold at dozen rate; 25 at the 100 rate.

MINIATURE OR DUTCH ROMAN HYACINTHS

Miniature Hyacinths are not as fully appreciated by the public as they deserve to be. These young bulbs bloom earlier than the larger full developed bulbs and produce slender spikes of loosely arranged waxy flower bells. They are inexpensive and unusually beautiful when grown in pots or pans for winter flowers. Everyone should plant at least a few Miniature Hyacinths. Set the bulbs about one-half inch apart—5 bulbs to a 5-inch pan and 6 or 7 to a 6-inch pan.

GERTRUDE—Rosy pink.

GIGANTEA—Blush pink.

GRAND MAITRE—Lavender blue.

KING OF THE BLUES—Deep blue.

LADY DERBY—Bright rosy pink.

LA VICTORIE—Glistening red.

L'INNOCENCE—Pure white.

PERLE BRILLIANTE—Light blue.

ROI DES BELGES—Deep red.

YELLOW HAMMER—Pine yellow.

Any of the above:

10c. each. \$1.00 dozen. \$7.50 per 100.

Mailing weight, 2 lbs. per dozen—See Inside Cover.

Six sold at dozen rate; 25 at the 100 rate.

• NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

HYACINTH GROWING IN SHORT GLASS.

EARLY TULIPS.

TULIPS

Can you imagine a more colorful or more beautiful sight than a bed of Tulips? Tulips boldly lifting their goblet-shaped heads high above their silvery green foliage seem so friendly and so happy as they rock to and fro on a soft, gentle spring breeze. These gorgeous blooms of a multitude of rich brilliant shades delight the eye and rejoice the soul when arranged in beds, little clumps among shrubbery or along the herbaceous border. No garden is complete without at least one bed of these charming flowers where they may be enjoyed in their natural artistic beauty.

OUTDOOR CULTURE. Same as for Hyacinths except the bulbs should be planted 4 to 6 inches deep and 6 inches apart for Cottage, Breeders and Darwins and 4 inches apart for the early flowering Tulips. They are very hardy and only a slight protection during extremely cold weather is necessary.

POT CULTURE. Same as for Hyacinths. Tulips planted early in September may be had in bloom during December. Set three bulbs in a five-inch pot or a bulb pan and a dozen bulbs in a ten or twelve-inch pot.

BOLGIANO'S SPECIALLY SELECTED SINGLE EARLY TULIPS

These Tulips are excellent for outdoor bedding and forcing indoors. They bloom during April—two to three weeks earlier than the other varieties of Tulips.

The letter A, B or C following the names of the variety refers to its time of blooming when planted outdoors. A being the earliest and those marked B coming into full bloom before those marked A are gone, so that both may be planted together with good effect. The figure that follows shows the average height in inches.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight, 1 lb. per doz., 4 lbs. per 100.

Six of any variety sold at dozen rate, 25 at the 100 rate, 250 at the 1,000 rate.

White

DIANA. B 14. A handsome large pure white variety with a yellow base. One of the best whites for bedding or forcing.

65c. dozen. \$4.50 per 100.

LA REINE. B 12. White, shaded rose. A beautiful variety used mostly by florists for early forcing.

60c. dozen. \$4.00 per 100.

WHITE BEAUTY. B 13. This gorgeous white variety

is a sport of the Pink Beauty. The two planted together in the same bed make a wonderful display. The flowers are large and of fine substance.

15c. each. \$1.25 dozen. \$8.50 per 100.

WHITE HAWK. B 13. A new pure white variety. The large flowers with crinkled edges are unusually beautiful and attractive.

75c. dozen. \$5.50 per 100.

Pink and Rose

COTTAGE MAID. C 12. Delicate rose flushed white. An excellent bedding variety.

70c. dozen. \$5.00 per 100.

FLAMINGO. B 13. A gorgeous crinkled edged carmine-

rose variety with white stripe through the centre of the petals. A sport of White Hawk with the same immense size and beautiful form.

80c. dozen. \$6.00 per 100.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

SINGLE EARLY TULIPS—Continued

Pink and Rose

PINK BEAUTY. C 12. Vivid cherry rose with a white base starred yellow. A magnificent tulip carried on long strong stems.

15c. each. \$1.25 per dozen. \$8.50 per 100.

PROSPERINE. A 14. A rich satiny carmine rose with a white centre marked slate-blue. An early forcer with beautiful form; superb coloring and delightful fragrance.

\$1.10 per dozen. \$8.00 per 100.

PROSPERITY. A 12. Delicate rose pink similar to Flamingo but the flower is somewhat smaller. Truly a lovely variety.

70c. per dozen. \$5.00 per 100.

QUEEN OF THE NETHERLANDS. A 13. Large beautiful globular flowers; color soft rose, flushed white with yellow base. A splendid bedding or forcing variety.

95c. per dozen. \$7.50 per 100.

ROSE GRISDELIN. B 11. A delicate rose flushed white. Excellent for bedding and forcing.

65c. per dozen. \$4.50 per 100.

ROSE LUISANTE. C 12. Fine deep brilliant rose. The showy flowers are beautifully formed and of great substance. A splendid bedding and late forcing variety.

85c. per dozen. \$6.50 per 100.

Crimson Scarlet

ARTUS. B 10. An attractive deep scarlet variety with large flowers of great substance.

65c. per dozen. \$4.50 per 100.

BELLE ALLIANCE. (Waterloo.) B 11. Large flowered brilliant scarlet, sweet-scented tulip. It is a showy bedding variety and an early forcer.

75c. per dozen. \$5.50 per 100.

COULEUR DE CARDINAL. C 13. One of the most beautiful glistening velvety crimson scarlet varieties. A whole bed of this one variety is a gorgeous sight.

85c. per dozen. \$6.50 per 100.

CRIMSON BRILLIANT. C 13. A large flowered, long stemmed variety. It is a most brilliant scarlet with yellow base. Excellent for bedding and forcing and for cut flowers.

65c. per dozen. \$4.50 per 100.

VERMILLION BRILLIANT. A 13. Dazzling vermillion with yellow base. A large perfectly shaped flower. Excellent for early forcing and bedding.

\$1.00 per dozen. \$7.50 per 100.

SIR THOMAS LIPTON. B 13. A beautiful bright crimson with yellow base. One of the very best large flowering red varieties. Fine bedder.

85c. per dozen. \$6.50 per 100.

Orange Red

CARDINAL RAMPOLLO. A 11. A clear yellow bordered and suffused a bright orange-red. An early forcer and beautiful bedding variety.

15c. each. \$1.25 per dozen. \$8.50 per 100.

DE WET (Fireglow.) B 17. Beautiful golden, flushed and stippled fiery orange scarlet. A new sweet-scented tulip distinct from any other variety in color. Excellent for forcing and bedding. The best orange-red.

20c. each. \$2.00 per dozen. \$16.00 per 100.

McKINLEY. B 12. Large orange-red, shaded carmine. Beautifully formed flowers carried on long stems. Fine early forcing variety.

85c. per dozen. \$6.50 per 100.

PRINCE OF AUSTRIA. B 14. Showy orange scarlet with yellow base. A sweet-scented variety. Excellent for forcing or bedding.

85c. per dozen. \$6.50 per 100.

Red and Yellow

DUCHESSE DE PARMA. B 13. A deep orange-scarlet, bordered orange yellow. Showy bedding tulip and early forcer with large globular flowers.

85c. per dozen. \$6.50 per 100.

KEIZERKROON. A 15. Bright scarlet red, with broad yellow margin. An old favorite with large beautiful blooms.

\$1.00 per dozen. \$7.50 per 100.

Yellow

CHRYSOLOREA. B 12. A clear golden yellow. Excellent bedding variety with large globular flowers.

65c. per dozen. \$4.50 per 100.

GOLDEN QUEEN. B 14. An early forcing golden yellow tulip. The showy flowers are large and globular. A fine bedding variety.

75c. per dozen. \$5.50 per 100.

GOLD FINCH. B 12. One of the best large flowered pure yellow sweet-scented tulips. It retains its beautiful color until the petals drop. It is a fine bedder and forcer.

75c. per dozen. \$5.50 per 100.

MON TRESOR. A 12. A handsome pure yellow variety with large flowers. It forces easily and may be had in bloom early in December. A fine bedding tulip.

85c. per dozen. \$6.50 per 100.

KING OF THE YELLOWS. A 12. Deep golden yellow. A very early forcer and excellent cut flower variety.

70c. per dozen. \$5.00 per 100.

RISING SUN. B 16. Very large beautifully formed rich yellow flowers. The very best yellow tulip for forcing and bedding.

85c. per dozen. \$6.50 per 100.

YELLOW PRINCE. B 14. A clean golden yellow sweet-scented variety with large flowers. A favorite with florists for early forcing or bedding.

70c. per dozen. \$5.00 per 100.

Purple

PRESIDENT LINCOLN. (Queen of the Violets.) B 12. Clear magenta purple with a white base. A large flowering showy variety.

75c. per dozen. \$5.50 per 100.

WOUVERMAN. B 12. Rich claret purple; large flower. Excellent bedding variety.

75c. per dozen. \$5.50 per 100.

BOLGIANO'S SUPERB RAINBOW MIXTURE. Of Single Early Tulips. Our mixture of brightly colored large flowering Single Early Tulips is superior to ordinary mixtures. It is carefully blended so as to insure a well-balanced color effect and is made up of some of the very best varieties obtainable.

45c. per dozen. \$3.00 per 100. \$27.50 per 1000.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

BOLGIANO'S SPECIALLY SELECTED DOUBLE EARLY TULIPS

Double Tulips bloom a little later than the Single Early varieties and are more lasting. These rose-like flowers make a gorgeous display of brilliant striking colors and are most valuable for bedding or forcing.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing Weight, 1 lb. per. doz. 4 lbs. per 100.

DOUBLE TULIP.

White

BOULE de NEIGE. (Snowball.) B. 12. Pure white large flower resembling the peony. Excellent for forcing or bedding.

75c. per dozen. \$5.50 per 100.

SCHOONOORD. B. 13. The very best double white Tulip—a superb forcer and bedder. A sport of Murillo, large very full flower.

85c. per dozen. \$6.50 per 100.

Rose or Pink

MURILLO. C. 11. Delicate rose-pink, shaded white. The most popular double pink Tulip for bedding or forcing.

60c. per dozen. \$4.00 per 100.

PEACH BLOSSOM. C. 12. The very best bright rosy pink, deepening with age; large very double variety. A sport of Murillo and an excellent Tulip for forcing and bedding.

15c. each \$1.50 per dozen. \$12.00 per 100.

SALVATOR ROSA. A. 12. A beautiful deep rose, flushed white. Most attractive early forcing or bedding variety.

75c. per dozen. \$5.50 per 100.

Red or Scarlet

IMPERATOR RUBRORUM. B. 10. Rich brilliant scarlet. An old favorite bedding and forcing variety.

85c. per dozen. \$6.50 per 100.

LE MATADOR. C. 11. One of the handsomest dazzling scarlet varieties. Large full flowers—excellent for forcing and bedding.

80c. per dozen. \$6.00 per 100.

RUBRA MAXIMA. B. 10. Deep vermillion crimson, early large flower, excellent bedder.

75c. per dozen. \$5.50 per 100.

VUURBAAK. B. 11. Fiery orange-scarlet. Very showy large flowers, splendid for forcing and for beds.

\$1.00 per dozen. \$7.50 per 100.

Yellow and Orange

COURONNE d' OR. B. 11. A magnificent golden yellow flushed orange; flower carried on long stiff stems. Splendid bedding and forcing variety.

75c. per dozen. \$5.50 per 100.

MR. VAN DER HOFF. C. 11. Superb new variety. A sport of Murillo. Large full golden yellow flowers. A handsome Tulip for forcing and bedding.

15c. each. \$1.25 per dozen. \$8.50 per 100.

TOREADOR. B. 13. Bright orange scarlet with a broad border of buff yellow. A gorgeous Tulip for forcing and bedding.

18c. each. \$1.35 per dozen. \$9.50 per 100.

TOURNESOL. B. 10. Deep yellow shaded orange. A splendid variety for forcing and bedding.

75c. per dozen. \$5.50 per 100.

Red and Yellow

GLORIA SOLIS. B. 10. A dazzling scarlet bordered bright yellow. Very showy beautiful flower.

65c. per dozen. \$4.50 per 100.

TOURNESOL. B. 12. Rich red, yellow border. A most attractive variety for bedding or forcing. Large fully double flowers.

75c. per dozen. \$5.50 per 100.

BOLGIANO'S SUPERB RAINBOW MIXTURE DOUBLE, EARLY TULIPS. A wonderful mixture of named large flowering varieties blended so as to give a splendid range of color. The bulbs grow to about the same height and flower at the same time.

55c per dozen. \$4.00 per 100. \$35.00 per 1,000.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

MAY FLOWERING OR COTTAGE TULIPS

For the Open Ground

These tall, stately, dignified, hardy Tulips are most beautiful when planted in borders, in the grass or among shrubbery. They offer every conceivable color and combination of white, pink, yellow, gold, orange and red. Some Cottage Tulips have long stiff stems and others graceful drooping stems. Wherever planted they brighten and beautify the landscape as they flaunt their gay colors and toss their shapely heads in the gentle breezes of Spring.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight, 1 lb. per doz., 4 lbs. per 100.

Six of any variety sold at dozen rate; 25 at the 100 rate.

LATE OR MAY FLOWERING TULIPS.

GESNERIANA Lutea. D 24. One of the best golden yellow varieties. Large perfect blooms.

65c. per dozen. \$4.50 per 100.

GESNERIANA Major. (Spathulata.) C 24. Rich crimson scarlet with blue-black center. Large beautifully formed flowers. A general favorite.

65c. per dozen. \$4.50 per 100.

GOLDEN CROWN. D 22. Large golden yellow flowers with pointed petals edged red.

65c. per dozen. \$4.50 per 100.

GOLDEN Spire. D 22. An enormous golden yellow flower finely edged orange scarlet. This is the best of its color. Excellent for cutting.

85c. per dozen. \$6.50 per 100.

GRENADIER. D 22. A gorgeous orange—the best of its color. The flowers are large and well formed.

\$1.00 per dozen. \$7.50 per 100.

HAMMER Hales. C 24. A beautiful golden brown suffused with old rose, inside rich apricot edged yellow and green base. Flowers unusually long and graceful.

12c. each. \$1.10 per dozen. \$8.00 per 100.

INGLESCOMBE Pink. B 24. Delicate rose pink, tinted salmon with a blue green center. A splendid variety and a general favorite for cutting and outdoor planting.

65c. per dozen. \$4.50 per 100.

INGLESCOMBE Scarlet. C 20. An intense scarlet with a black base. Enormous showy beautifully formed flowers. An excellent variety.

65c. per dozen. \$4.50 per 100.

INGLESCOMBE Yellow. C 21. Often called the yellow Darwin Tulip. Rich, glossy canary yellow globular flowers carried on long stiff stems. It is a most attractive beautiful variety for borders and cutting.

65c. per dozen. \$4.50 per 100.

ISABELLA. (Blushing Bride.) (Shandon Bells.) B 16. Handsome creamy white with carmine rose suffusion. A distinct delicately colored large flower with great substance and splendid form. A popular favorite variety.

65c. per dozen. \$4.50 per 100.

JOHN RUSKIN. C 16. One of the most beautiful Tulips. It is a bright salmon rose edged lemon yellow with a yellow base. The large shapely flowers are carried on long graceful stems. Excellent for cutting purposes.

85c. per dozen. \$6.50 per 100.

LA MERVEILLE. D 20. A most artistic beautifully formed variety. The large flowers are a rich orange scarlet overlaid with carmine. They are deliciously sweet-scented and of great substance.

65c. per dozen. \$4.50 per 100.

MOONLIGHT. A 24. The best soft canary yellow variety. The flowers are long and oval shaped with outer petals reflexing at the tip. Superb for late forcing and outdoor planting.

70c. per dozen. \$5.00 per 100.

MRS. MOON. (Fulgens Maxima Lutea.) D 25. A gorgeous deep golden yellow with reflexed pointed petals. The flowers are large, beautifully formed and of great substance.

85c. per dozen. \$6.50 per 100.

ORANGE KING. D 23. Large globular glistening orange, shaded scarlet; inside deep orange scarlet with yellow base and black anthers. A gorgeous variety of beautiful form and wonderful substance.

65c. per dozen. \$4.50 per 100.

PARISIAN WHITE. B 16. A fine globular flower. It is silvery white and changes to a delicate pink as the flower ages. Excellent for bedding or cut flowers.

65c. per dozen. \$4.50 per 100.

PICOTEE. (Maidens' Blush.) C 21. A most popular beautiful white, margined and penciled carmine rose. The pointed and reflexed petals make it a superb graceful variety for cutting or bedding.

65c. per dozen. \$4.50 per 100.

SIRENE. C. 16. An exquisite variety with reflexed petals. It is a rich cerise pink with paler edges. A bed of Sirene Tulips is gorgeous.

15c. each. \$1.25 per dozen. \$9.50 per 100

SIR HARRY. D 26. Pale lavender pink with yellow base and soft blue halo. A large flower with pointed wavy petals—a distinct beautiful variety.

\$1.00 per dozen. \$7.50 per 100.

THE FAWN. D 20. Something different in Tulips. This variety is a rosy fawn changing to a light rose as it ages. The delicately colored egg-shaped flower with its graceful stem is one of our most beautiful Cottage Tulips.

60c. per dozen. \$4.00 per 100.

Superior Mixture of May Flowering or Cottage Tulips. Our mixture contains a wide range of beautiful colors and the choicest bulbs of the best varieties.

50c. per dozen. \$3.50 per 100. \$30.00 per 1,000.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

DARWIN TULIPS

Everyone loves Darwin Tulips. They gain in popularity year after year and too much cannot be said in praise of them. These tulips have large beautiful goblet-shaped flowers, unusual substance, tall strong stems and rich brilliant colors, ranging from pale pink through shades of red to the deepest, blackest maroon and from pale lavender to the deepest purple. There are white Darwins but no yellows. Darwins are unsurpassed in beauty and dignity for borders, beds, group plantings or among shrubbery. They are also valuable for cut flowers keeping fresh from 10 to 14 days and can be easily forced, some by the 1st of January and others by February and March. Bulbs should be planted as early in the fall as possible.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight, 1 lb. per dozen., 4 lbs. per 100.

Six of any variety sold at dozen rate; 25 at the 100 rate.

AFTERGLOW. D 26. Deep rosy orange with salmon tinted edges; inside deep orange with yellowish base. A new beautiful showy variety resembling tongues of fire. Every garden should contain a few of this lovely variety.

25c. each. \$2.50 per dozen. \$18.00 per 100.

ARIADNE. B 28. A large bold rosy crimson variety shaded scarlet with a blue base. Excellent for forcing.

80c. per dozen. \$6.00 per 100.

BARONNE de la Tonnaye. C 28. A gorgeous bright rose, margined blush-rose, retaining its color until its petals fall. A medium sized flower carried on long graceful stems.

65c. per dozen. \$4.50 per 100.

CLARA BUTT. D 21. One of the most popular of all Darwins for forcing and outdoor planting. It is a beautiful salmon rose with blue base and white halo.

55c. per dozen. \$3.75 per 100.

DREAM. B 27. Pale lavender, inside deep violet with blue base. One of the very best inexpensive lavenders. Excellent for outdoor planting.

75c. per dozen. \$5.50 per 100.

FARNCOMBE Sanders. B 30. Superb forcing and bedding variety. Its large flowers are a beautiful rosy red with a clear white base.

75c. per dozen. \$5.50 per 100.

GLOW. C 24. Brilliant vermilion with a white base marked blue. A beautiful cut flower and excellent forcing variety.

80c. per dozen. \$6.00 per 100.

HARRY VEITCH. B 23. Rich dark red shaded lighter at the edges and blue base edged white. A fine early forcing and bedding variety.

75c. per dozen. \$5.50 per 100.

INGELSCOMBE Yellow. (Often called Yellow Darwin.) C 21. Their rich glossy canary-yellow globular flowers are carried on long stiff stems. A most attractive beautiful variety for borders and cutting.

65c. per dozen. \$4.50 per 100.

ISIS. B 24. Bright crimson scarlet with a blue base margined white. One of the intensest reds—striking and beautiful for outdoor planting or forcing.

75c. per dozen. \$5.50 per 100.

KING HAROLD (Mahony.) C 24. Dark maroon scarlet with purple-black base. The large flowers are well formed and of great substance.

75c. per dozen. \$5.50 per 100.

LA TULIPE NOIRE. C 25. A very dark maroon-black with a velvety sheen—the blackest of all tulips. Large

flowers on strong stems. Excellent for the border and forcing.

85c. per dozen. \$6.50 per 100.

MADAME KRELAGE. B 28. Bright lilac rose margined silvery rose. An exquisite long large shapely flower. Superb for outdoor planting.

75c. per dozen. \$5.50 per 100.

MARGARET (Gretchen.) B 22. A delicate beautiful clear silvery pink variety with a white base marked blue. Splendid for forcing.

65c. per dozen. \$4.50 per 100.

MRS. POTTER PALMER. C 24. Rich glowing purple with a white base. A large attractive variety for bedding.

75c. per dozen. \$5.50 per 100.

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DARWIN TULIPS.

DARWIN TULIPS—Continued

PARROT TULIP.

NAUTICUS. B 30. A large flowering carmine rose with a dark base shaded brnze. A beautiful variety for forcing or outdoor planting.

65c. per dozen. \$4.50 per 100.

OUIDA. B 29. Fiery scarlet red with pale blue base. An extra large flower of superb coloring. Showy and beautiful for outdoor planting.

75c. per dozen. \$5.50 per 100.

PARROT TULIPS

Parrot Tulips are May Flowering or Cottage Tulips with fringed or laciniated edges. They get their name from a resemblance of the flower in the bud to the head of a parrot. Parrot Tulips grow from 12 to 15 inches tall and produce large brilliantly colored, showy flowers. They do well in the border, among shrubbery or in the rockery.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight, 1 lb. per dozen., 4 lbs. per 100.

CONSTANTINOPLE. Red shaded orange. Very showy.

65c. per dozen. \$4.50 per 100.

CRAMOISI BRILLIANT. Lively deep crimson with black markings. An extra large free-flowering variety.

65c. per dozen. \$4.50 per 100.

LUTEA MAJOR. Clear yellow striped and feathered with green and red.

65c. per dozen. \$4.50 per 100.

Bolignano's Especially Prepared Bulb Fibre

is composed of disintegrated Holland Peat, fertilized and blended with pulverized and crushed oyster shells. It furnishes in an assimilable form all the plant food elements needed by bulbs, and, in fact, all plants requiring nutrition for not over six to nine months. It does not dry out as quickly as soil, nor will it get water-logged, nor sour if too much water be given, and it does not harbor insects or worms. It retains just the right amount of moisture to encourage healthy, luxuriant growth and perfection of blooms. 1 lb. 15c. 2 lbs. 25c. 5 lbs. 60c. 10 lbs. \$1.00

PH. DE COMMINES. A 24. Rich velvety purplish maroon. The very best of its color. Splendid forcing or bedding variety.

65c. per dozen. \$4.50 per 100.

PRIDE OF HAARLEM. A 25. A handsome sweet-scented rosy carmine with blue base. The flowers are large, well formed and carried on long strong stems. Excellent for outdoor planting and forcing.

60c. per dozen. \$4.00 per 100.

PRINCE OF THE NETHERLANDS. C 31. Bright cerise-scarlet edged rose, with blue base. Extra large sturdy flowers of splendid substance. Fine for forcing and bedding.

95c. per dozen. \$7.50 per 100.

REV. H. EWBANK. B 23. Soft heliotrope lilac with lighter tint at the edges and a white base. An exquisite flower either for cutting purposes or for the border.

65c. per dozen. \$4.50 per 100.

SIERAAD VAN FLORA. B 25. Striking rosy red with blue base. A magnificent variety for early forcing and bedding.

70c. per dozen. \$5.00 per 100.

SUZON. B 26. Delicate buff-rose, shaded deeper on the inside with a white base marked with blue. A splendid forcing and bedding variety. A beautiful cut flower.

75c. per dozen. \$5.50 per 100.

WHITE QUEEN. (La Candeur.) An exquisite white variety with black anthers, when first opening tinted pale rose but soon turns pure white. A lovely tulip for pot culture and bedding.

70c. per dozen. \$5.00 per 100.

BOLGIANO'S SUPERFINE MIXTURE OF DARWIN TULIPS. This mixture is made up of the best large flowering, brightest colored varieties. All are good, strong, healthy bulbs and are sure to produce large perfect flowers.

55c. per dozen. \$3.75 per 100. \$32.00 per 1000.

MARKGRAAF. Yellow inside, scarlet and green striped A most striking variety.

65c. per dozen. \$4.50 per 100.

PERFECTA. Light scarlet striped on greenish yellow ground.

65c. per dozen. \$4.50 per 100.

PRECIOSA. Red, gold striped. A lovely variety.

65c. per dozen. \$4.50 per 100.

BOLGIANO'S PARROT TULIP MIXTURE. This mixture consists of all the lovely varieties and beautiful colors.

55c. per dozen. \$3.75 per 100.

Pebbles

For growing bulbs in water.

Qt. 10c. 4 qts. 30c. Peck 50c. Postage extra 10c. per qt.

Pearl Chips

For use in bulb bowls and aquariums. Very handsome, bright and clean.

10c. per lb. Postage extra.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

BREEDER TULIPS

These are the old Dutch self-colored Tulips which were discarded for many years because of the absence of feathered markings or stripes. Fortunately, the present taste for neutral quiet shades and unusual refined artistic blendings of color has caused Breeder Tulips to gain rapidly in popularity. Breeder Tulips come in beautiful combinations of purple and bronze, gray and lilac, yellow and bronze, orange and brown, etc., and when contrasted with the brilliant colors of the Cottage or Darwin varieties, give a most artistic effect. Breeder Tulips bloom at the same time as the Darwins, their flowers are usually somewhat larger and their stems a little taller. They are superb for beds, borders, group plantings among shrubbery or forcing. Be sure to plant a few Breeder Tulips this year. It is the best way to get acquainted with them and to really appreciate their delicate beauty.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight, 1 lb. per dozen., 4 lbs. per 100.

Six of any variety sold at dozen rate; 25 at the 100 rate.

APRICOT. C 26. Deep bronzy orange with an olive green base. A very large beautiful flower on a long strong stem.

12c. each. \$1.25 per dozen. \$9.00 per 100.

BRONZE KING. D 28. Golden bronze with an olive base. A distinct variety with a large well-formed flower of great substance.

65c. per dozen. \$4.50 per 100.

BRONZE QUEEN. D 28. Soft buff-tinted apricot, inside golden bronze with yellow base. A beautiful forcing and outdoor variety.

75c. per dozen. \$5.50 per 100.

CARDINAL MANNING. D 30. A dull wine red shaded bronze and changing to almost pure orange at the extreme edges of the petals. Very large flowers on long stems.

75c. per dozen. \$5.50 per 100.

DOM PEDRO. C 24. A very distinct dull coffee brown shaded maroon; inside rich mahogany with olive colored base. Large handsome flowers especially when combined with some of the lighter colored Breeders.

12c. each. \$1.25 per dozen. \$9.00 per 100.

GODET PARFAIT. C 30. One of our most beautiful Breeders. It is a dark blue-purple variety with a white base and blue halo. Excellent cut flower variety.

15c. each. \$1.50 per dozen. \$10.00 per 100.

* **GOLDEN BRONZE. C 24.** Light brownish yellow flushed heliotrope outside, rich mahogany brown inside with yellow base. This is a large flowering exquisite variety for forcing or bedding.

80c. per dozen. \$6.00 per 100.

JAUNE D'OEUF. (Sunrise.) C 26. A bright apricot yellow flushed lilac through center of petals; inside rich golden bronze. A large beautiful flower on a long strong stem.

85c. per dozen. \$6.50 per 100.

MEDEA. C 27. One of the largest Breeder Tulips. It is salmon carmine color shaded heliotrope with a yellow center.

70c. per dozen. \$5.00 per 100.

PANORAMA. (Fairy.) B 26. Deep orange red shaded mahogany. A most striking beautiful extra large flowering variety. Excellent for bedding or late forcing.

85c. per dozen. \$6.50 per 100.

PRINCE OF ORANGE. (Sunset.) C 25. Terra-cotta edged orange, yellow base with black markings. A showy beautiful variety for outdoor planting and forcing.

\$1.00 per dozen. \$7.50 per 100.

TURENNE. A 30. Bronzy violet margined bronze yellow with a yellow base. Very large beautiful flowers for the border or cutting.

\$1.00 per dozen. \$7.50 per 100.

YELLOW PERFECTION. B 24. Light bronzy yellow edged golden yellow; inside bronzy brown with yellow base and green markings. Large flowers with fine form.

\$1.00 per dozen. \$7.50 per 100.

BOLGIANO'S SUPERB MIXTURE OF BREEDER TULIPS. This mixture contains large healthy bulbs representing many excellent varieties and beautiful colorings.

65c. per dozen. \$4.50 per 100. \$40.00 per 1000.

BOLGIANO'S GIFT BOXES OF TULIPS AND NARCISSI

We know that many of our friends would like to secure a choice assortment of some of the very best varieties of Tulips and Narcissi offered in our catalogue, either to add to their own collection or to present to their friends. In order to fill your requirements, we have made a careful selection of varieties and packed them in a specially designed and attractively labeled Gift Box.

No. 1—SINGLE EARLY TULIPS

This collection consists of 10 each of 10 varieties, including: White Beauty, Pink Beauty, Flamingo, Belle Alliance, Vermillion Brilliant, De Wet, Keizerkroon, Mon Tresor, Yellow Prince, President Lincoln.

Price (100 Tulips), \$8.50. Actual value, \$10.75.

No. 2—DARWIN TULIPS

Consisting of 10 each of 10 varieties, including: Afterglow, Ariadne, Dream, Isis, La Tulipe Noire, Margaret, Mrs. Potter Palmer, Prince of the Netherlands, Suzon, White Queen.

Price (100 Tulips), \$7.50. Actual value, \$9.45.

No. 3—GIANT TRUMPET NARCISSI

This collection consists of 5 each of 10 varieties, including: Emperor, Empress, Glory of Leiden, Golden Spur, King Alfred, Madame de Graaff, Princeps, Robert Sydenham, Van Waveren's Giant, Victoria.

Price (50 Narcissi), \$7.00. Actual value, \$9.08.

No. 4—NARCISSI OF VARIOUS TYPES

Consisting of 5 each of 10 varieties, including: Glory of Leiden, Robert Sydenham, Conspicuous, White Lady, Albus Plenus Odoratus, Orange Phoenix, Silver Phoenix, Von Sion, Aspasia, Poeticus.

Price (50 Narcissi), \$5.25. Actual value, \$6.75.

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NATURALIZED PLANTING OF NARCISSI.

NARCISSI—DAFFODILS

These bright yellow flowers, dancing like sunbeams among their dark green foliage, make an unusually attractive display in the spring. A great profusion of these dainty graceful flowers may be had from March until well into May by a careful selection of early, mid-season and late flowering varieties. Daffodils make handsome subjects for beds, borders, group plantings among shrubbery, around trees, on grassy slopes of banks or about the edges of ponds or streams. They are very easy to grow and require little or no attention, for when once established they multiply and increase in beauty from year to year.

YOUR LAST OPPORTUNITY. The embargo upon all kinds of Narcissus Bulbs goes into effect January 1st, 1926. This means from that date no more Holland grown Narcissus Bulbs will be permitted entry into the United States, except under special permit from the Federal Horticultural Board for propagating purposes only. We, therefore, advise our friends and customers to plant more Narcissus bulbs this year. The bulbs we will have to offer another year will be American grown stock—some varieties will be absolutely unobtainable and all varieties will be more expensive.

OUTDOOR CULTURE. Same as for Hyacinths except that Narcissus bulbs should be planted 5 to 8 inches deep and 3 to 5 inches apart, depending on the size of the bulb. Narcissi will grow in any soil and in any position, but they prefer a good rich soil and a partially shaded position.

POT CULTURE. Same as for Hyacinths. Place 3 or 4 bulbs in a 5 or 6-inch pot or pan.

NOTE. In the following descriptions of varieties those marked "A" are the earliest to flower; "B" next and "C" last. The numbers are the heights in inches. "Trumpet" means the tube or funnel-shaped part of the flower. "Perianth" is the outer row of petals or wings.

SINGLE MIXED NARCISSUS

This is a superb mixture of single large trumpet varieties in all the pleasing shades. A quantity of them makes a handsome investment and at our low price, everyone should plant them extensively. These large strong bulbs are sure to produce the largest and most beautiful flowers.

85c. per dozen. \$6.50 per 100. \$50.00 per 1,000.

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NARCISSI—DAFFODILS

GIANT TRUMPET NARCISSI

Six of any variety
sold at the dozen
rate; 25 at the
100.

GIANT TRUMPET
NARCISSUS.

ROBERT SYDENHAM. B 18. The largest trumpet Daffodil in existence. This variety has a well-formed sulphur yellow perianth and a beautiful golden yellow wide-open deeply frilled trumpet. It is a splendid new exhibition variety for forcing and also does well outdoors. The flowers often measure 6 inches across and one strong bulb will produce two perfect flowers.

50c. each. \$5.00 per dozen. \$35.00 per 100.

VAN WAVEREN'S GRANT. B 17. The second largest Narcissus. Its broad perianth is primrose and its very large, open-mouthed flanged trumpet is bright yellow. This

If wanted by Parcel Post, Add Postage as Per
Parcel Post Table on Inside Cover.

Mailing Weight, 3 lbs. per Dozen Bulbs.

EMPEROR. C 18. This is a large flowered variety—the perianth is a deep primrose and the trumpet a rich yellow. The flowers are beautifully formed and of remarkable substance. Emperor is an excellent variety for forcing or for outdoors.

10c. each. 95c. per dozen. \$7.50 per 100.

EMPRESS. C 18. A handsome variety for planting in the grass or for forcing. Its perianth is white and its trumpet is a rich chrome-yellow. The flowers are large and beautiful and are excellent for cutting. Empress is one of the very best bicolors.

10c. each. 95c. per dozen. \$7.50 per 100.

GLORY OF LEIDEN. C 15. One of the largest varieties, excellent for borders or for pot culture. The flowers have broad pale yellow perianths and very long golden yellow trumpets. Every Daffodil enthusiast should include Glory of Leiden in his collection of choice varieties.

15c. each. \$1.25 per dozen. \$9.00 per 100.

GOLDEN SPUR. A 17. An early vigorous free flowering sweet-scented variety—popular with florists. The flowers are a rich beautiful shade of yellow—their perianths are broad and spreading, and their trumpets long and very open at the mouth. Splendid for forcing and naturalizing.

10c. each. \$1.00 per dozen. \$7.50 per 100.

KING ALFRED. B 19. A gorgeous golden yellow variety—considered the largest and best one of its color. King Alfred is a favorite with the florists and is a superb exhibition Daffodil. Its flowers have broad perianths and expanding trumpets, which roll back fully one-half an inch and are beautifully frilled.

20c. each. \$2.00 per dozen. \$15.00 per 100.

MADAME de GRAAFF. C. 15. The largest and most beautiful white variety. The perianth is pure white and the trumpet a soft primrose, which changes to a pure white. A lovely flower for cutting, pot culture or growing outdoors.

15c. each. \$1.25 per dozen. \$8.50 per 100.

PRINCEPS. A 15. A most popular variety for winter forcing and also for outdoor planting. Perianth sulphur and trumpet yellow.

8c. each. 80c. per dozen. \$6.00 per 100.

huge variety, oftentimes measuring 5 inches across, will attract attention wherever grown. It is a very vigorous grower and exceedingly valuable for outdoor culture.

40c. each. \$4.00 per dozen. \$30.00 per 100.

VICTORIA. B 16. An excellent variety for forcing with large beautiful flowers. Victoria has a creamy white perianth with large over-lapping petals and a rich, clear yellow broad, frilled trumpet. The flowers are of great substance and last an unusually long time after being cut.

10c. each. 95c. per dozen. \$7.50 per 100.

CHALICE CUP NARCISSI, OR DAFFODILS

CONSPICUUS (Barrii). C 21. A gorgeous mid-season forcing variety. The large broad perianth is a soft yellow color and the short yellow cup or trumpet is brightly edged orange scarlet. It is unsurpassed for naturalizing and cutting purposes.

8c. each. 75c. per dozen. \$5.50 per 100.

LUCIFER (Incomparabilis). C 18. A most striking beautiful variety. Its perianth is sulphur white and its cup an intense glowing orange scarlet. An excellent Daffodil for naturalizing and forcing. The flowers are splendid for cutting and they retain their brilliant color.

10c. each. \$1.00 per dozen. \$7.00 per 100.

SIR WATKIN (Incomparabilis). B 20. A huge chalice cup variety—the flowers often measuring 5 inches across. Its bold handsome flower has a sulphur perianth and a deep yellow cup tinged with orange. Sir Watkins is splendid for naturalizing and pot culture.

12c. each. \$1.10 per dozen. \$8.50 per 100.

WHITE LADY (Leedsii). C 20. This dainty exquisite variety should be enjoyed by everyone. Its broad white perianth and small beautifully crinkled pale canary cup makes it a general favorite for cutting purposes, outdoor planting or pot culture.

10c. each. 85c. per dozen. \$6.50 per 100.

NOTE—All Bulbs and Roots are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

DOUBLE NARCISSI OR DAFFODILS

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing Weight, 3 lbs. per Dozen Bulbs.

ALBUS PLENUS ODORATUS. C 15. (Double Poeticus). A beautiful pure white sweet-scented variety closely resembling the Gardenia. It delights in a partially shaded position and in cool moist soil. A handsome variety for cutting purposes and for planting among shrubbery. It cannot be forced successfully.

7c. each. 70c. per dozen. \$5.00 per 100.

INCOMPARABILIS Double. B 16. (Butter and Eggs.) Large double light yellow variety with an orange center. It is exquisite for cutting or forcing and also for bedding.

8c. each. 80c. per dozen. \$6.00 per 100.

ORANGE PHOENIX. C 17. (Eggs and Bacon.) An exquisite double white variety with orange segments in the center. Splendid for cutting or bedding.

10c. each. \$1.00 per dozen. \$7.50 per 100.

SILVER OR SULPHUR PHOENIX. C 17. (Codlings and Cream.) An artistic beautiful white double flower with yellow center. It is a great favorite for cutting purposes and bedding.

10c. each. \$1.00 per dozen. \$7.50 per 100.

VON SION (Telamonijs Plenus). C 13. This is the old-fashioned golden yellow daffodil. It is perfectly hardy and is considered the very best double forcing variety. Von Sion is an excellent cut-flower variety and is used extensively by florists.

Extra large bulbs, 10c. each. \$1.00 per dozen. \$8.00 per 100.

MAMMOTH
VON SION
NARCISSUS

JONQUILS

NARCISSUS JONQUILLA

Jonquils must not be confused with the Trumpet Narcissi for they are a distinct type—they are somewhat smaller and deliciously sweet-scented.

Jonquils are perfectly hardy and excellent for naturalizing and forcing.

Mailing Weight, 2 lbs. per dozen, Parcel Post Table, see Inside Cover.

CAMPERNELLE REGULOSUS. The largest deep yellow, very fragrant flowers. Excellent for cutting.

70c. per dozen. \$5.00 per 100.

SINGLE YELLOW. Rich, yellow, very fragrant. Height 12 inches.

50c. per dozen. \$3.00 per 100.

DOUBLE YELLOW. Deep golden yellow very double flowers. Height 12 inches.

75c. per dozen. \$5.50 per 100.

NARCISSUS POETAZ

Cluster-flowered Daffodils

This variety is a cross between *Narcissus Poeticus* Ornatus and *Narcissus Polyanthus* varieties. Its flowers are like the former in size and form but they are extremely free-flowering and borne in large clusters like the latter. Poetaz Narcissi grow well in pots indoors and also outdoors if protected during the winter.

Mailing Weight, 3 lbs. per Dozen Bulbs

ASPASIA. C 20. A handsome variety with a pure white perianth and soft yellow cup. The individual flowers are exceptionally large and 4 or 5 are produced in a cluster.

12c. each. \$1.25 per dozen. \$8.50 per 100.

HELIOS. C 16. One of the very best yellows. Its perianth is a soft primrose yellow and its cup an orange red. A striking variety because of its large size and rich colors.

15c. each. \$1.50 per dozen. \$10.00 per 100.

LAURENS KOSTER. A very free-blooming large-flowering type with white perianth and orange yellow cup.

10c. each. \$1.00 per doz. \$7.50 per 100.

THE POET'S NARCISSUS

(*Narcissus Poeticus*)

Great favorites with everybody. These charming flowers are excellent for naturalizing in grass and planting in clumps on the border for they are hardy and when once established increase in beauty year after year. Poet's Narcissi also force well and make beautiful cut-flowers.

Mailing Weight, 2 lbs. per dozen, Parcel Post Table, see Inside Cover.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

POETICUS. (Pheasant's Eye.) E 15. A late blooming sweet-scented variety. Its perianth is pure white and its flat cup is a deep yellow margined orange-red.

50c. per dozen. \$3.50 per 100.

POETICUS ORNATUS. C 15. An improved Pheasant's Eye—its flowers are larger and it blooms about a month earlier. Its perianth is snow-white and its broad flat cup is yellow margined scarlet. To lengthen the season of bloom for this type of Narcissi both forms of Poeticus offered here should be planted—one is early, the other late.

70c. per dozen. \$5.00 per 100.

NARCISSUS POETICUS.

POLYANTHUS NARCISSUS

These beautiful flowering bulbs are most satisfactory for indoor blooming, and if started at intervals will give a succession of bloom throughout the entire winter. Their delicious sweet-scented flowers are borne in clusters from 6 to 24 blooms.

Place 6 or 8 bulbs in a shallow bowl filled with pebbles and water. Set in a cool dark place for about 10 days until properly rooted and then bring to the light. Bowls of Narcissi make unusual house decoration and most attractive gifts.

PAPER WHITE GRANDIFLORA. An improved large flowering form—their snow-white fragrant flowers being borne in dense clusters. They are the easiest of all varieties to grow in water or fibre. Every home should be beautified and made more cheerful with several bowls of these charming flowers.

LARGE BULBS. 1 to 2 flower clusters from each bulb.

6c. each. 60c. per dozen. \$4.00 per 100.

MAMMOTH BULBS. 2 to 3 flower clusters from each bulb.

7c. each. 75c. per dozen. \$5.00 per 100.

GRAND SOLEIL D'OR. The blooms are similar to the Paper Whites but the color is a delightful deep yellow with orange cup. This variety is most attractive planted alone or combined with the Paper Whites.

15c. each. \$1.25 per dozen. \$9.00 per 100.

Mailing weight, 3 lbs. per dozen bulbs.

NARCISSUS BOWLS

Beautiful bowls in rich shades of Glazed Blue, Glazed Rose, Old Ivory and Dull Green shaded Bronze. They can also be used for cut flowers.

Style	Each	Doz.
A—Holds 3 Narcissi Bulbs.....	\$0.30	\$3.00
B—Holds 5 Narcissi Bulbs.....	.45	4.50
D—Holds 6 Narcissi Bulbs.....	.55	5.50
E—Holds 8 Narcissi Bulbs. Old Ivory only..	.75	7.50
Style	Each	Doz.
160A—Glazed blue, green or rose, 6½" dia.....	\$0.75	\$ 7.50
160B—Glazed blue, green or rose, 7¾" dia.....	1.25	12.50
31A—Black glazed, 7¼" dia., artistically hand painted in small red rose buds.....	1.65	16.50
87A—Glazed blue, green or rose, 7" dia.....	.85	8.50
87B—Glazed blue, green or rose, 8¼" dia.....	1.25	12.50
87C—Glazed blue, rose or green, 9½" dia.....	1.75	17.50
32A—Black glazed, 7" dia., beautifully hand painted in small red rose buds.....	1.65	16.50
33A—Black glazed, 8½" dia., delicately hand painted in small red rose buds.....	2.00	20.00

Note: For pebbles and bulb fibre, see page 10.

CHINESE SACRED LILY

(Narcissus Orientalis)

CHINESE SACRED LILY.

NARCISSUS BOWLS

Styles 160 and 31

Styles 87, 32, 33

NARCISSUS
PAPER
WHITE
GRANDIFLORA

The "Shui Sin Far" or Water Fairy Flower, Joss Flower or Flower of the Gods, grown by the Chinese for decorating the temples on their New Year's Day. Each bulb produces several sprays of deliciously sweet-scented silvery white flowers with golden yellow cups. Chinese Sacred Lilies do well in pots of soil or bulb fibre but they are more novel and more beautiful when grown in fancy bowls of water, with enough pebbles around them to give the proper support. A succession of these lovely flowers may be had by making several plantings throughout the fall and winter. The bulbs flower in about 6 weeks from the date of planting.

LARGE BULBS......15c. each. \$1.25 per dozen.

MAMMOTH BULBS......20c. each. \$1.75 per dozen.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

CROCUS

"The Heralds of Spring"

Crocuses are among the earliest and brightest flowers to bloom in the spring; in fact, it is not unusual to see them peeping their heads from under a blanket of snow. Crocuses are useful for pot culture, the rockery, edgings for beds or naturalizing in irregular groups throughout the border, around trees or on slopes of terraces, etc.

GIANT CROCUS.

OUTDOOR CULTURE. Plant Corms or bulbs 3 to 4 inches deep and 2 to 3 inches apart. When planted in the grass crocus bulbs last for years provided their foliage is allowed to die down before the grass is cut.

POT CULTURE. Same as for Hyacinths. Plant 8 or 10 bulbs in a 5-inch pot, 12 to 15 in a 6-inch pot and cover with one inch of soil.

GIANT NAMED CROCUS

White

MONT BLANC. Immense snow-white.

KING OF THE WHITES. One of the best pure white varieties.

QUEEN VICTORIA. Pure white large flowers.

Striped

ALBION. Dark violet striped white.

CLOTH OF SILVER. Silvery white striped lilac.

MADAME MINA. Light lilac striped.

SIR WALTER SCOTT. White striped pale lilac.

Blue or Purple

BARON VON BRUNOW. Deep purplish blue.

CAESAR. Purple, fine large flower.

NON PLUS ULTRA. Purple with conspicuous white edge.

PURPUREA GRANDIFLORA. Deep glossy purple, extra large flower.

Yellow

GOLDEN YELLOW. Mammoth bulbs which will produce immense golden yellow flowers.

CLOTH OF GOLD. Golden yellow veined and striped maroon.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight, 1 lb. per dozen, 2 lbs. per 100.

Price: Any of the above in selected bulbs, 40c. per dozen; \$2.75 per 100; \$25.00 per 1,000.

Mixed Crocus

These mixed Crocus will produce the most beautiful, enduring and satisfactory effects when naturalized. Great masses of the lovely, glistening white Crocus drifting into the dainty striped varieties; or the pure white splashing into the rich glowing blues and purples make gorgeous displays in the very early Spring. In naturalizing Crocus let the plantings be irregular and natural. The best way is to throw the bulbs by the handfulls over the area to be planted and dibble them in wherever they fall.

	Doz.	100	1000		Doz.	100	1000
All blue and purple.....	30c.	\$1.50	\$12.50	All striped	30c.	1.50	12.50
All white	30c.	1.50	12.50	All colors and varieties.....	25c.	1.40	12.00

CHIONODOXA

Glory of the Snow

Prohibited entry into the United States after Dec. 31, 1925.

These are among the most beautiful of all early spring flowering plants. They bloom with the snowdrops and the scillas. They are perfectly hardy, thriving in any good garden soil and increase in beauty from year to year without any special care. They are also admirable for winter blooming in the house and forcing.

Plant bulbs 3 inches deep and 1 inch apart.

LUCILIAE. Deep blue bell-shaped flowers with a white center, 10 to 15 blooms on a stem. Excellent for the rockery, beds, pot culture or as cut flowers.

50c. per doz. \$3.00 per 100. \$25.00 per 1000.

Mailing weight, 1 lb. per dozen bulbs, 2 lbs. per 100.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

FREESIAS

If wanted by Parcel Post, add postage as per Parcel Post Table on Inside Cover.

Mailing weight of all bulbs on this page, 1 lb. per dozen, 2 lbs. per 100.

One of the most attractive and most easily grown winter flowering bulbs for the window garden or conservatory. These delightfully fragrant flowers may be had in bloom from Christmas until June by making a succession of plantings from August to February.

Place 6 bulbs in a 5-inch pot or pan. Provide good drainage and keep cool and moist while growing. Freesias root very quickly, therefore it is not necessary to keep them in a cool dark place for a time before bringing them to the light.

Freesias may also be planted outdoors in some sheltered spot during August and September and then, before frost appears, put in a frame or brought into the house.

PURITY. The largest and best pure white variety. It produces 6 to 12 large blooms on a single stem and grows 20 to 30 inches high. A great favorite with florists.

Large Bulbs—40c. per dozen. \$2.50 per 100. \$20.00 per 1000.
Mammoth Bulbs—60c. per dozen. \$4.00 per 100. \$35.00 per 1000.

Colored Freesias

AMETHYST. A large flowering lavender mauve variety. Fragrant and beautiful.

75c. per dozen. \$5.50 per 100.

CALIFORNIA. The very best bright golden yellow; strong growing with long stems.

75c. per dozen. \$5.50 per 100.

GENERAL PERSHING. A gorgeous lavender pink variety with yellow throat and lip. Excellent for cut flowers.

75c. per dozen. \$5.50 per 100.

RAINBOW MIXTURE. Comprised of numerous beautiful varieties and representing all the clear rich colors such as yellow, pink, lavender, violet, etc.

70c. per dozen. \$5.00 per 100.

IXIA

Prohibited entry into the United States after December 31, 1925.

These charming little plants flower beautifully indoors during the winter or outdoors during the spring if planted in a well-drained position and carefully protected. Ixias produce spikes of brilliant pink, red and yellow flowers with contrasting center parts. They are most striking and beautiful.

Plant bulbs 3 inches deep about the last week in November or first week in December. Protect with at least 3 inches of leaves or straw. When growing indoors plant bulbs 1 inch deep and 5 or 6 in a 5-inch pot, 8 to 10 in a 6-inch pot.

IXIA MIXTURE, comprising all the beautiful colors—
45c. per dozen. \$3.00 per 100.

MUSCARI (Grape Hyacinths)

Prohibited entry into the United States after Dec. 31, 1925.

One of our most beautiful hardy spring flowering bulbs. They grow well in any shady position and when once established they increase in beauty and take care of themselves for years. Grape Hyacinths are excellent for pot culture, 10 to 12 bulbs to a 6-inch pot, make a gorgeous plant for the window.

HEAVENLY BLUE. The very best and largest bright sky-blue variety. It is deliciously fragrant and excellent for cut flowers, naturalizing or pot culture.

50c. per dozen. \$3.50 per 100.

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FREESIA PURITY.

SCILLAS

Prohibited entry into the United States after Dec. 31, 1925.

So eager are these little bulbs to reveal their beauty that they will grow well most anywhere—in full sun or shade, in rich soil or poor. Plant bulbs about 3 inches deep and at least 3 inches apart. They will increase abundantly if not crowded out.

CAMPANULATA. (True Blue Bells.) A beautiful early June flowering bulb for naturalizing under trees in the wild-garden, rock garden, or for the border. They are also excellent for winter flowering indoors in pots or window boxes. Blue Bells grow about 15 inches high and produce spikes of rich blue bell-shaped flowers.

50c. per dozen. \$3.25 per 100.

SIBERICA. (Siberian Squill.) Another excellent little spring flowering bulb. This variety produces spikes 3 to 4 inches high of small drooping bell-shaped blue flowers. It blooms during April and is a handsome subject for naturalizing in woodland or the rockery; also as a ground cover for Hyacinths or when contrasted with Snowdrops or Crocus.

60c. per dozen. \$4.00 per 100.

GALANTHUS (Snowdrops)

Prohibited entry into the United States after December 31, 1925.

These charming early flowering plants often bloom before the snow has left the ground. Snowdrops with their dainty graceful nodding flowers are most attractive for edgings of beds or the lawn, irregular masses in the grass, slopes or for the rockery.

Plant bulbs early in September or October so they will develop a strong root system before freezing weather. Set bulbs 3 to 4 inches deep and 1 inch apart.

SNOWDROP SINGLE. (3-petaled white flowers enclosing a green and white tube.)

Mailing weight, 1 lb. per dozen; 2 lbs. per 100.

55c. per dozen. \$3.75 per 100.

CALLA LILIES

These beautiful Lilies are easily grown and will bloom continuously for many years if given the proper attention and conditions. Take a 6 or 8-inch pot, place in the bottom pieces of broken crockery or some small stones to provide proper drainage. Fill the pot with good rich soil and set the bulb, so the crown or top of the bulb will be two inches under the soil. Place in a warm sunny window and water frequently. When the plant is two or three inches high apply manure water about once a week until the color begins to show in the flowers. (The best manure water is made by steeping cow manure in water for a few hours. The water is then drained off and used and more water applied to the manure.) Warm water given the bulb once or twice a week after it gets to growing well hastens the flowering period and increases the number of blooms.

Calla Lilies will keep on growing year after year, but if given a rest each summer the plants will be dwarfer, and more blooms will be produced. During July or August, place the plant in their pots on their sides under some shrubbery or in any cool shady position and let the foliage die down. Water the soil once in two weeks only and then sometime during October take up the bulbs, shake the soil from the roots, remove all bulblets and replant the large bulb.

WHITE CALLA (*Calla aethiopica*). The White Calla or Lily of the Nile is one of the best house plants for the window during the winter.

Large Size—30c. each. 3.00 per dozen.

Mammoth Size—40c. each. \$4.00 per dozen.

GOLDEN YELLOW CALLA. (*Calla Elliotiana*.) The very best yellow Calla. Its flowers are a lustrous golden yellow and its foliage a rich shade of green with a few white translucent spots, which add greatly to its beauty. Large strong bulbs ready last of October. 40c. each. \$4.00 per dozen.

NOTE—All Bulbs are forwarded by Express, purchaser paying charges.

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HOW TO SELECT YOUR PLANTS

The addition of Nursery Stock to our catalogue marks a further advance in the varied lines of service that Bolgiano of Baltimore is rendering the public. Not only may you buy the seeds that create for you a home vegetable garden, but you may also secure the plants that make "A House a Home."

The peculiar arrangement of this section of our catalogue is designed to offer you the maximum of help in choosing the proper plants for your home. Instead of an alphabetical list necessitating a knowledge of plants only obtained through much experience on the part of the purchaser, we have grouped them according to their proper use in the development of your grounds.

For example. If a few plants are needed for the foundation of your house look under the heading—FLOWERING PLANTS AND SHRUBS ESPECIALLY SUITABLE FOR HOUSE FOUNDATION WORK. There you will find a selected list of plants described that are especially adapted for your purpose. Thus an endless search through a long meaningless list of plants is avoided and a more nearly correct planting from a landscape point of view is the result.

A further example is afforded when a tree is desired. If a tree is desired for street planting look under this special division—TREES FOR STREET PLANTING—and thus a selection can be made from a few kinds especially suited for this purpose.

If you already know the kind of plant you want just consult the index and the page on which it is described will be readily found.

The easiest way in which to handle each individual planting problem is, first of all to make a rough sketch of your house and grounds. Indicate path, drives and present trees. Then make a rough list of what you think you need, similar to the following list:

(a) 2 or 3 trees for street.	(d) 2 climbing roses for arbor.
(b) 1 tree for lawn.	(e) 1 vine for porch.
(c) 6 tall shrubs for corners of porch.	

This list completed, then it is an easy matter to select the shrubs you prefer from the lists we include under each heading in the catalogue.

We believe this arrangement of a Nursery Catalogue to be far superior to the old alphabetical system. It affords a fund of readily accessible information and saves much time in making your selection.

It enables you to derive the pleasure of doing your own planning and planting. The results should be far superior to previous efforts.

Note: The figures in brackets after each plant listed indicates the height it reaches at maturity.

BACKGROUND OF TREES

TREES

Trees are the most permanent and require the least care of any of the landscape materials that you may use. Their permanence has resulted in many historical associations being built around them from which the individual tree has often derived a name. The Cornwallis Oak, George Washington's Cherry Tree and the Lancaster Elm are noteworthy examples. And they are becoming more important in the planting program each year due to a better understanding of their value.

Reforestation is now a very important if not alarming subject. It calls for the attention and action of each individual. Where a person has the land, a tree of some kind should be planted each year. Barren and abandoned fields should be growing the timber of tomorrow.

In strictly ornamental work trees have many functions. In the summer they give us shade and when planted close to the residence a cool and restful atmosphere is suggested. Who has not derived intense and satisfying pleasure from the seasonal change and growth in a tree? It heralds the approach of spring with its bloom and fresh new growth. In summer it suggests comfort by its strong and sturdy presence. In fall we are enchanted by its glorious changes of color. And in the winter our evergreen trees relieve the otherwise barren country.

As a background, trees perform a most important function in the landscape. How many times we have seen splendid homes only lacking one thing, but lacking that lose interest—a background such as a tree or group of trees can lend.

Undesirable buildings and views may be screened and a flat, unbroken and monotonous skyline may be made more interesting by planting proper trees.

Plant trees irregularly, i. e., in groups. The effect is more nearly natural for in nature we never find trees in rows or equal distances apart.

Trees very seldom need pruning after planting. They should be allowed to shape themselves instead of being shaped by pruning. Coniferous evergreens should always be allowed to retain their lower branches so that their foliage will meet the lawn.

PREPARATION OF SOIL

The tree-pit should be about a foot or two wider than the spread of the roots and from two to three feet deep. In digging keep the top-soil and sub-soil separated. If the soil is very poor, haul it away and replace with richer soil. Well-rotted manure may be used sparingly and thoroughly mixed with the soil.

It is best to dig tree-pits some time before ready to plant and then refill. This prevents delay in planting on arrival of plants.

ROOT AND TOP PRUNING

Before placing the tree in the ground it should be pruned. Cut off any broken roots and freshly cut the tips of the larger roots. Remove all crossed, broken, and dead branches, shorten back the remaining branches by removing about three-quarters of the last year's growth, and see that there is only one leader or upright branch.

PLANTING

Hold the tree in an upright position in the pit with the roots spread out naturally and with the best side of the tree facing in the direction you prefer. Fill in with soil, the top-soil being placed next to the roots, the tree standing about one inch deeper than it did in the nursery. When the roots are covered work the soil under and around the roots carefully, by shaking the tree up and down and sideways, by punching with a large smooth stick like a hoe handle or by watering. When the pit is partly filled tread the soil down firmly. Firm the soil again when almost completed and leave the top inch of soil loose.

The ball of earth about evergreens should not be broken but planted intact. The burlap soon rots and it is not necessary to remove it, although it may be slit with a knife down the sides.

WATERING

In case the soil is dry at time of planting, it is quite essential for the trees to be given a good watering. This should be done before the soil is firmed around the roots, and allowed to thoroughly soak in before adding any more earth. During the first summer, if the weather is very dry, it may be necessary to water the tree. Only water occasionally, but abundantly and in the early morning or late afternoon.

Evergreens should be watered when planted and will also require watering during the first summer.

MULCHING

A mulch of strawy manure or grass clippings about two inches deep over the top of the ground will aid in retaining moisture and render frequent watering unnecessary. Keeping the top two inches of soil loose answers the same purpose.

GUYING AND WRAPPING

Any tree that measures more than two inches in diameter of trunk should be guyed three ways to prevent the wind working it loose during the first year and causing the roots to move in the ground. Run the guy wires through pieces of rubber hose to prevent cutting the trunk of the tree. In the case of exceptionally large trees the trunk should be wrapped with burlap or otherwise shaded during the first year to prevent sun-scald.

GROUP I—TREES FOR STREET PLANTING

Whether a city is classed as beautiful or not depends to a great extent upon the general appearance of its streets. New England villages have long been noted for their avenues of American Elms. But, in plenty of towns and cities, streets bordered with grass plots and trees are unknown. No better evidence of progress and civic pride can be shown than the care exercised over existing street trees and the continued extension of these plantings. Only one variety of tree should be planted in any one block. In fact, it is best to make the planting for several blocks consist of the same variety of tree. An average distance apart for planting street trees is 40 feet. In cities a strong tree guard should be placed around each newly planted tree to prevent damage by horses and discourage children from swinging on them.

The following list of trees are especially selected because of their value for street planting. They are all perfectly hardy. Their individual requirements as to soil or location are noted in the detailed description of each variety.

WHITE ASH. *Fraxinus americana*. A tall tree with handsome, dark green leaves divided usually into 7 leaflets changing in autumn to a rich brown color. It is a fairly rapid growing tree and thrives in almost any moist soil.

8-10'. \$1.75 each. \$16.75 for 10.

BOXELDER. *Acer negundo* (70'). A large, quick growing tree of spreading habit. The leaves are divided into 3-5 leaflets, each 2-5 inches long, color light green changing to yellow in the autumn. Thrives under varying conditions.

8-10'. \$1.75 each. \$16.75 for 10.

AMERICAN ELM. *Ulmus americana* (120'). A tall, wide spreading, arched tree. It has a high light gray trunk, limbs gradually outward curving with pendulous branches. It is a favorite tree in the northeastern States for park, shade and avenue planting. It requires a rich, rather moist soil in order to obtain full beauty.

8-10'. \$2.50 each. \$23.75 for 10.

AMERICAN LINDEN. *Tilia americana* (120'). A very desirable tree of comparatively rapid growth and regular pyramidal habit while young. The leaves are heart-shaped, turning yellow in autumn. It has small yellowish fragrant flowers followed by small nutlets. It is not particular as to soil.

8-10'. \$3.00 each. \$28.50 for 10.

NORWAY MAPLE. *Acer platanoides* (100'). A large handsome tree with a rounded head and light green leaves turning pale yellow in autumn. The flowers are yellowish green and appear before the foliage.

8-10'. \$3.25 each. \$31.00 for 10.

SUGAR MAPLE. *Acer saccharum* (120'). Upright and dense in growth with gray bark and foliage turning bright

yellow and scarlet in the autumn. It does well in almost every soil.

8-10'. \$2.75 each. \$26.00 for 10.

COMMON RED OAK. *Quercus rubra* (80'). A beautiful oak of rapid growth, growing into a large majestic tree with usually broad round head, the foliage turning dark red in fall. It will flourish under poor soil conditions.

8-10'. \$3.50 each. \$33.25 for 10.

PIN OAK. *Quercus palustris* (80'). Handsome trees, with rather short spreading branches forming a pyramidal head. The leaves are deeply divided, bright green turning red in the fall. This tree is one of the most rapid growing Oaks. It transplants well and prefers a somewhat moist soil.

8-10'. \$3.25 each. \$31.00 for 10.

EUROPEAN PLANE. *Platanus orientalis* (80'). A rapid growing tree with usually a very broad rounded head and a short trunk. The tree presents a striking appearance due to the bark peeling off in large thin plates, giving the branches a mottled appearance.

8-10'. \$2.75 each. \$26.00 for 10.

LOMBARDY POPLAR. *Populus nigra italica* (50'). of tall narrow growth with a confirmed habit of suckering from the root. It is extremely rapid in growth and with age becomes one of the most striking and picturesque trees. It is used for formal effects and for screen and wind breaks.

8-10'. \$1.25 each. \$11.75 for 10.

TULIP TREE. *Liriodendron tulipifera*. A tall, pyramidal shaped tree, with handsome light, bluish green, fiddle-shaped leaves and greenish yellow, tulip like flowers appearing in May and June. In the fall the foliage assumes a brilliant yellow color. It grows best in deep rich and somewhat moist soil and is best transplanted in late spring.

8-10'. \$2.50 each. \$23.75 for 10.

SUGAR MAPLE

NORWAY MAPLE

GROUP II—TREES FOR LAWN AND PARK PLANTING.

Prominent in the landscape picture, permanent and enduring, trees are very important factors in lawn and park planting.

A distant view is made a conspicuous element of the whole scheme when framed by properly located trees.

Unevenness of ground can be accentuated by the proper use of trees. Hills can be made to look higher by planting tall growing trees on the crest, valleys made to look deeper by giving them wooded slopes.

And for an informal boundary to fields and large lawns, trees are essential. They lend a note of naturalness and permanence that gives true pleasure to the observer.

When planting trees for specimens a distance of 50-100 feet should be allowed between them.

For thick natural planting when a mass of foliage is wanted quickly, 15 feet apart is not too close.

We recommend all the trees in Group I and also the following varieties:

UMBRELLA CATALPA. *Catalpa bignonioides nana*. A formal, umbrella like tree obtained by grafting on to a tall stem or standard. Leaves very large and glossy. Used for formal gardens. Grows in almost any somewhat moist soil.

5-6' standards 1½-2' head. \$3.50 each. \$33.25 for 10.

FLOWERING DOGWOOD. *Cornus florida* (15'). A hardy ornamental shrub or small tree with dark green foliage, assuming a brilliant fall coloring. The showy white flowers, 3-4 inches wide, appear in spring before the leaves. Brilliant red berries are borne in autumn.

3-4'. \$1.00 each. \$9.50 for 10.

CANADA HEMLOCK. *Tsuga canadensis*. An ornamental coniferous evergreen tree with spreading branches more or less drooping having a graceful, broadly pyramidal effect. It has rich green foliage. It will thrive in partial shade and in varying soils.

2-3'. \$4.00 each. \$38.00 for 10.

UMBRELLA CATALPA.

WHITE PINE. *Pinus strobus*. A very hardy, ornamental coniferous evergreen tree of rapid growth, symmetrical when growing, picturesque in old age. Soft, light silvery green foliage.

2-3'. \$3.00 each. \$28.50 for 10.

AMERICAN REDBUD. *Cercis canadensis*. A small native ornamental tree with roundish leaves and showy, rosy pink flowers produced in April before the foliage appears. It grows best in rich sandy and somewhat moist loam.

3-4'. \$1.00 each. \$9.50 for 10.

REDCEDAR. *Juniperus virginiana*. Narrow pyramidal coniferous evergreen tree with dark green to bluish or brown foliage. It is native to North America, very hardy and adapted to planting in all sections of the country. It is particularly desirable for formal effect.

2-3'. \$3.00 each. \$28.50 for 10.

PLUME RETINOSPORA. *Chamaecyparis pisifera plumosa*. An evergreen tree of dense conical habit; branches almost erect with soft plume-like feathery foliage, light green in color.

2-2½'. \$4.00 each. \$38.00 for 10.

THREAD RETINOSPORA. *Chamaecyparis pisifera filifera*. A coniferous evergreen tree of broad pyramidal shape with long slender thread-like branches, gracefully pendulous. It is a very decorative form with dark green foliage and will thrive in more or less shady locations.

2-2½'. \$4.75 each. \$45.25 for 10.

NORWAY SPRUCE. *Picea excelsa*. A hardy, rapid growing, coniferous evergreen tree with spreading branches and usually pendulous branchlets. The foliage is dense and dark green. It is adapted to almost any soil.

2-3'. \$3.00 each. \$28.50 for 10.

BABYLON WEeping WILLOW. *Salix babylonica* (40'). A tree of weeping habit, with long slender olive-green or purplish branches and narrow leaves. It flourishes in wet ground, but can be cultivated in various situations.

6-8'. \$2.00 each. \$19.00 for 10.

FLOWERING PLANTS AND SHRUBS

"It is not a home without flowers."

Trees are the first objects to be planted. Flowering Plants and Shrubs are the next. They furnish a bank of foliage from which the house appears to rise and in which trees hide their bare trunks.

Always changing in variety of bloom, color of foliage and growth, they are of perennial interest. And in winter we learn to appreciate the varying colors of bark and branches and in some kinds find the shrubby plantings made gay with masses of bright colored berries and fruits.

But aside from their beauty, some varieties perform a real money-saving service. In shade it is often difficult to secure a satisfactory growth of grass. Certain low-growing plants like Japanese Pachysandra and Winter-Creeper, however, will succeed admirably. On banks, too, grass is often a failure due to excessive dryness, and even when established is hard to mow. Again by using climbing, trailing or low-growing things a permanent bank of foliage and bloom can be obtained and constant upkeep eliminated.

SUITABLE FOR SEASHORE PLANTING

California Privet	Gray Dogwood	Morrow Honeysuckle	Coralberry
Pink Rugosa Rose	Border Forsythia	Sweet Mockorange	Common Lilac
White Rugosa Rose	Weeping Forsythia	Anthony Waterer Spirea	Common White Lilac
Thunberg Spirea	Peegee Hydrangea	Common Ninebark	European Cranberrybush
Japanese Barberry	Regel Privet	Vanhoutte Spirea	

COLOR CLASSIFICATION:

RED SHADES

Coralberry	Vanhoutte Weigela	Flowering Quince	Roses
Anthony Waterer Spirea	Red Tartarian Honeysuckle	Shrub—althea	

WHITE SHADES

Glossy Abelia	Peegee Hydrangea	California Privet	Vanhoutte Spirea
European Cranberrybush	Snowhill Hydrangea	Regel Privet	Red-osier Dogwood
Slender Deutzia	Mountain—laurel	White Rugosa Rose	Roses
Gray Dogwood	Common Ninebark	Japanese Snowball	Common White Lilac
Morrow Honeysuckle	Japanese Pachysandra	Thunberg Spirea	Sweet Mockorange
	Shrub—althea		

YELLOW SHADES

Japanese Barberry	Goldflower	Weeping Forsythia	Border Forsythia
	Morrow Honeysuckle	Roses	

PINK SHADES

Glossy Abelia	Mountain—laurel	Pink Rugosa Rose	Flowering Quince
Peegee Hydrangea	Rosebay Rhododendron	Pride of Rochester Deutzia	Shrub—althea
		Roses	

FOR SHADY SITUATIONS

Japanese Barberry	Mountain—laurel	Rosebay Rhododendron	Wintercreeper
Common Box	Japanese Pachysandra	Common Snowberry	Truedwarf Box
Snowhill Hydrangea	Regel Privet	Thunberg Spirea	Canada Hemlock

EVERGREEN

Glossy Abelia	Pfitzer Juniper	Redcedar	Wintercreeper
Arborvitae	Mountain—laurel	Retinospora	Truedwarf Box
Common Box	Japanese Pachysandra	Rosebay Rhododendron	Canada Hemlock

PLANTING AT HOUSE FOUNDATION

PREPARATION OF SOIL

The areas in which the plants are to be set should be thoroughly loosened and pulverized by spading or plowing to a depth of 18 inches. All stones, roots, sticks and other foreign matter should be removed. Either stable or commercial fertilizer should be added and thoroughly mixed with the soil. This soil preparation should be done before the plants arrive.

ROOT AND TOP PRUNING

Removal of broken or dead roots and branches comprises practically all the pruning necessary.

PLANTING

See directions for Trees.

WATERING

Water is very seldom necessary in planting, but may be needed during the first summer. (See directions for Trees.)

MULCHING

Keep the top two inches of soil in the beds cultivated. This serves as a mulch and prevents rapid drying out and subsequent need of water.

GROUP I—ESPECIALLY SUITABLE FOR HOUSE FOUNDATION WORK

When the resources for ornamental planting about one's home are limited, the part that should receive first attention is the foundation of the house.

No matter how expensive the residence, it needs the softening touches of flowering plants and shrubs. They hide the straight, harsh lines of the house and tie it to the surrounding landscape. Throughout the growing season such a planting is a thing of beauty and pleasure. And by selecting a few evergreen plants and those bearing attractive winter berries and fruits, the effect will be beautiful the year round.

It is not difficult to plan an attractive arrangement with the aid of our system of listing plants according to their most important landscape uses. Larger, intermediate and low-growing plants can easily be selected. Of course the lower growing varieties will be used to a great extent in your planting, but behind them at corners a group of intermediate or even larger growing plants should be planted.

Read carefully the description of each plant. Then select a few kinds with due regard to your requirements and the habit of growth of the plants.

Three feet is an average planting distance for shrubs of average growth. A space of two feet should be left between the foundation and the nearest plants.

And, as in trees, don't plant in rows, but in stagger fashion. This gives each individual plant more room in which to develop and creates a more natural informal appearance.

A foundation planting around a small residence will probably average four feet deep and at corners should be allowed to broaden out to an average distance of 6 feet. In this way a curved bed is formed and the straight lines of the house are eliminated.

GLOSSY ABELIA. *Abelia grandiflora* (6'). An ornamental medium sized bushy shrub with small, glossy green foliage and numerous white flushed pink flowers that are produced continuously from June until November. It is hardy as far north as Philadelphia and is evergreen in Southern States.

18-24". \$1.25 each. \$11.25 for 10.

AMERICAN ARBORVITAE. *Thuja occidentalis*. A narrow, pyramidal coniferous evergreen tree with leaves bright green above, yellowish green beneath, changing in winter to dull brownish green. Thrives on moist or dry land.

2-2½'. \$3.00 each. \$28.50 for 10.

AMERICAN GLOBE ARBORVITAE. *Thuja occidentalis globosa* (3'). A low, slow-growing, dense globe-shaped form of the American Arborvitae. It is very hardy and is desirable either as a foreground plant in foundation planting or for formal use as a specimen or in tubs.

10-12". \$2.50 each. \$23.75 for 10.

AMERICAN PYRAMIDAL ARBORVITAE. *Thuja occidentalis pyramidalis* (15'). A narrow, columnar form of American Arborvitae. It has more dense foliage and retains a darker green color during the winter.

2-2½'. \$3.50 each. \$33.25 for 10.

BERCKMANS GOLDEN ARBORVITAE. *Thuja orientalis aurea nana* (6'). A dwarf form of Oriental Arborvitae, cone-shaped and compact in habit with golden yellow foliage. It is much used in tubs and urns.

10-12". \$2.00 each. \$19.00 for 10.

ORIENTAL ARBORVITAE. *Thuja orientalis* (25'). A bushy, pyramidal growing coniferous evergreen tree with spreading and ascending branches and thin branchlets. The foliage is light lustrous green, changing to bronze in winter.

2-3'. \$3.25 each. \$31.00 for 10.

JAPANESE BARBERRY. *Berberis thunbergii* (4'). A dense low shrub with spreading, horizontal branches and small green leaves turning bright scarlet in the fall. The pale yellow flowers appear in April and May followed by brilliant red fruits.

12-18". 40c. each. \$3.50 for 10. \$30.00 per 100.

COMMON BOX. *Buxus sempervirens*. An evergreen shrub of rather slow but dense growth with shining, small foliage. It is used as specimen plants, hedges, tubs, foundation planting and for window and porch boxes. Does well in almost any location.

18-24". \$4.25 each. \$40.00 for 10.

CORALBERRY. *Symphoricarpos vulgaris* (4'). A slender upright shrub with small foliage, clusters of greenish-red flowers and small purplish-red fruits. The fruits and foliage remain unchanged until severe frosts. The flowers appear in July, the fruits in October. An excellent plant for a dry location.

18-24". 50c. each. \$4.50 for 10.

EUROPEAN CRANBERRYBUSH. *Viburnum opulus* (12'). An upright shrub, with rather smooth, light gray branches and handsome foliage, turning purple or red in the fall. The flowers are white, in clusters 3-4 inches broad appearing in May and June and are followed by oval-shaped, scarlet berries.

2-3'. \$1.00 each. \$9.00 for 10.

SLENDER DEUTZIA. *Deutzia gracilis* (3'). A very ornamental shrub with slender, often arching branches and bright green foliage. The flowers are pure white, very showy, appearing in May and June. It thrives in almost any well drained soil.

12-18". 75c. each. \$6.50 for 10.

GRAY DOGWOOD. *Cornus paniculata* (12'). A very free-flowering shrub with gray branches and white flowers appearing in May and June. White fruits are borne in the fall.

2-3'. 75c. each. \$6.50 for 10.

BORDER FORSYTHIA. *Forsythia intermedia* (6'). An ornamental, free-flowering shrub with slender, erect or arching branches. The deep yellow flowers, borne in great profusion along the slender branches in early spring, are followed by handsome dark, green foliage. Grows in almost any kind of soil.

2-3'. 50c. each. \$4.50 for 10.

JAPANESE BARBERRY

BERCKMANS GOLDEN ARBORVITAE

REGEL PRIVET

GOLDFLOWER. *Hypericum moserianum* (2'). A subshrub growing erect, but with the tips of the branches pendulous. The foliage is dark green above, pale below, about 2 inches long and half as wide. The flowers are golden yellow, about 2 inches in diameter, appearing in July and August. It is not hardy in New England.

12-18". 75c. each. \$6.50 for 10.

MORROW HONEYSUCKLE. *Lonicera morrowi* (6'). A shrub with wide-spreading branches and oval, dark green leaves, 1-2 inches long. The small flowers, pure white at first, changing to yellow, are abundantly produced in May and June and are followed by blood-red fruits. It is easy of cultivation, hardy and long-lived.

18-24". 50c. each. \$4.50 for 10.

PEEGEE HYDRANGEA. *Hydrangea paniculata grandiflora* (8'). A shrub or small tree, the flowers of which are borne in cone-shaped heads 6-12 inches long, appearing in August and September and turning later to pinkish bronze. Grows in full sun, but requires plenty of water.

18-24". 75c. each. \$6.50 for 10.

SNOWHILL HYDRANGEA. *Hydrangea arborescens grandiflora* (4'). An erect hardy shrub bearing showy large heads of white flowers 5-7 inches across in June and July. It is especially valuable for shady positions.

18-24". 75c. each. \$6.50 for 10.

PFITZER JUNIPER. *Juniperus chinensis pfitzeriana* (6'). A coniferous evergreen forming a broad pyramid with horizontally spreading branches and nodding branchlets, grayish green. Makes an excellent plant to use in front of Redcedar.

12-18". \$3.50 each. \$33.25 for 10.

MOUNTAIN-LAUREL. *Kalmia latifolia* (10'). An evergreen shrub, with leaves 3-4 inches long, dark green above and yellowish green below and rose-colored to white flowers, produced in May and June. A shaded situation with plenty of moisture and a heavy mulch is best.

18-24". \$3.00 each. \$28.50 for 10.

COMMON NINEBARK. *Physocarpus opulifolius* (10'). An ornamental shrub, the bark peeling off in thin strips and with wide-spreading and recurving branchlets. The foliage is bright green and the flowers are white in clusters 1-2 inches broad followed by inflated seed pods that often become bright red late in summer. The flowers appear in June.

2-3'. 50c. each. \$4.50 for 10.

JAPANESE PACHYSANDRA. *Pachysandra terminalis* (9"). A low-growing, evergreen plant with white flowers in short spikes borne in May. It has thick glossy dark green leaves forming a dense mat, making a very desirable low-growing cover-plant or border for beds. It succeeds in full sun or partial shade.

2 1/4" pots. 20c. each. \$1.90 for 10. \$17.00 a 100.

CALIFORNIA PRIVET. *Ligustrum ovalifolium* (15'). A handsome shrub of upright habit. The leaves are dark green and glossy above, yellowish green beneath, 1 1/2-2 1/2 inches long and assume a pretty purplish hue in the fall. The white flowers appear in erect panicles about 3 inches long in July. This is a favorite hedge plant and when so used should be planted 6 inches apart and cut back to about 6 inches of the ground.

1 yr. 12-18".

\$1.00 for 10. \$7.50 a 100. \$55.00 a 1,000.

REGEL PRIVET. *Ligustrum ibota regelianum* (6'). A low, dense shrub, with almost horizontally spreading branches. The small white flowers appear along the branches in June and July followed by small black fruits often remaining throughout the winter. It will grow in almost any kind of soil and will flourish in partial shade.

18-24". 60c. each. \$5.50 for 10.

REDCEDAR. *Juniperus virginiana*. See page 24.

PLUME RETINOSPORA. *Chamaecyparis pisifera plumosa*. See page 24.

THREAD RETINOSPORA. *Chamaecyparis pisifera filifera*. See page 24.

ROSEBAY RHODODENDRON. *Rhododendron maximum*. A broad-leaved evergreen shrub or small tree with very thick, dark green leaves, 4-10 inches long, and usually rose-colored flowers produced in June and July. They grow best in peaty or loamy soils in partial shade and dislike lime.

2-3'. \$4.25 each. \$40.00 for 10.

PINK RUGOSA ROSE. *Rosa rugosa rosea* (6'). An upright shrub with prickly stems and with medium sized dark green leathery and glossy foliage. The single flowers are pink, 2 1/2-3 1/2 inches across appearing from May to September and followed by brick-red fruits about 1 inch in diameter. The foliage turns purple, orange or yellow in autumn.

12-18". 65c. each. \$6.00 for ten.

WHITE RUGOSA ROSE. *Rosa rugosa alba*. Single white flowers and somewhat lower growing than the pink form.

12-18". 75c. each. \$6.50 for 10.

JAPANESE SNOWBALL. *Viburnum tomentosum plicatum* (8'). A strong-growing shrub with spreading branches and broad olive green leaves. The white flowers are sterile forming large balls 2 1/2-3 inches across.

18-24". \$1.00 each. \$9.00 for 10.

PEEGEE HYDRANGEA

COMMON SNOWBERRY. *Symphoricarpos racemosus* (3'). A low shrub with upright slender branches and small oval-shaped leaves. The attractive snow-white fruits, $\frac{1}{4}$ - $\frac{1}{2}$ inch in diameter appear in September and October. It thrives in almost any soil and will flourish in partial shade.

18-24". 60c. each. \$5.50 for 10.

ANTHONY WATERER SPIREA. *Spirea bumalda* Anthony Waterer (3'). A low-growing shrub with lance-like leaves 2-3 inches long and bright crimson flowers in dense flat clusters appearing in June and blooming sparsely all summer.

12-18". 60c. each. \$5.50 for 10.

THUNBERG SPIREA. *Spirea thunbergi* (4'). The slender arching branches are clothed with feathery, light green foliage, turning late in fall to orange or scarlet. The small pure-white flowers appear in April and May borne in great profusion. Will stand partial shade.

12-18". 60c. each. \$5.50 for 10.

VANHOUTTE SPIREA. *Spirea vanhoutte* (7'). A shrub with arching branches, dark green foliage and white flowers which completely cover the plant in May and June.

2-3'. 60c. each. \$5.50 for 10.

PINK WEIGELA. *Weigela rosea* (6'). An ornamental shrub of spreading habit, with more or less arching branches and rather large leaves. The pink-colored flowers are trumpet-shaped and appear in May and June.

2-3'. 75c. each. \$6.50 for 10.

WINTERCREEPER. *Enonymus radicans*. A low, procumbent, evergreen shrub, with often trailing and rooting or climbing branches, climbing sometimes to twenty feet high. Leaves are roundish, dull green above with whitish veins $\frac{1}{2}$ -2 inches long.

2 $\frac{1}{4}$ " pots. 45c. each. \$4.00 for 10. \$35.00 a 100.

ANTHONY WATERER SPIREA.

GROUP II—MASS PLANTINGS

The way to secure proper landscape effects is by mass planting. Use few kinds of plants, but plenty of them. Don't be afraid to plant close together. Many times the effect of a mass planting is lost because the planting is not thick enough. In screening it is especially important that the planting be thickly set.

Differences in growth in mass planting are most important. Low, intermediate and larger growing plants are needed. When the planting is placed against a fence, hedge or wall the tall growing things should be grouped along the line of the fence, hedge or wall. Then will come the intermediate and low-growing plants. When the planting is seen from all sides the tallest growing things should be grouped along the center of the planting surrounded by intermediate and low-growing plants.

The effect of irregularity and naturalness in outline is obtained, not by scattering plants indiscriminately over the lawn, but by creating promontories and bays in the planting. Allow the mass of planting to boldly come out into the lawn in places. Or narrow down the width of the planting thus creating hidden bays or nooks in which a seat or bench or pool can be located. With a little thought and study truly attractive results can be obtained.

Mass planting along the boundaries of grounds gains privacy besides giving added attractiveness to the whole effect.

Screens formed by mass planting have more variety and require less attention than a sheared hedge.

Mass plantings among trees give us the undergrowth that naturally belongs there. The next time you drive out in the country notice the natural growth along the roads and at the edges of woods. Where it has been left to assume its natural character you will find first low-growing plants and shrubs, next taller things like Dogwood, Shadbush, Judas Tree, and then behind, the trees.

The opportunities for achieving interesting and beautiful results by mass planting are endless. With due regard to colors a wealth of varied colored flowers can be obtained. And by selecting a few evergreens, the planting will not lose interest in the winter. And don't forget to select some plants having berries. They will not only prove added elements of attractiveness, but also attract many varieties of birds.

(a) LOW MASS PLANTINGS

RED-OSIER DOGWOOD

PRIDE OF ROCHESTER DEUTZIA. *Deutzia scabra* Pride of Rochester (7'). An upright growing shrub with dull green foliage and very large flowers, faintly tinged with rose outside. It grows in June and July and does best in full sun.

2-3'. 60c. each. \$5.50 for 10.

RED-OSIER DOGWOOD. *Cornus stolonifera* (8'). Brush-like in habit, with dark blood-red branches and prostrate stem. Flat, white flower heads 1-2 inches wide appear in May and June followed by white, globe-shaped fruits. Very conspicuous in winter.

18-24". 50c. each. \$4.50 for 10.

BORDER FORSYTHIA. *Forsythia intermedia*. See page 27.

WEeping FORSYTHIA. *Forsythia suspensa* (7'). Its slender branches often lop on the ground and take root. The flowers are golden yellow, appearing early in April. Valuable for the margins of groups, to cover walls, banks, fences and for training over an arbor.

18-24". 50c. each. \$4.50 for 10.

MORROW HONEYSUCKLE. *Lonicera morrowi*. See page 28.

RED-TARARIAN HONEYSUCKLE. *Lonicera tartarica siberica* (8'). A beautiful flowering shrub having dark green leaves 1½-2½" long and small, bright red flowers appearing in May and June followed by red fruit in July and August.

2-3'. 75c. each. \$6.50 for 10.

PEEGEE HYDRANGEA. *Hydrangea paniculata grandiflora*. See page 28.

PFITZER JUNIPER. *Juniperus chinensis pfitzeriana*. See page 28.

REGEL PRIVET. *Ligustrum ibota regelianum*. See page 28.

FLOWERING QUINCE. *Cydonia japonica* (6'). A spiny, ornamental shrub with handsome glossy foliage and abundant flowers varying in color from pink to scarlet red appearing in March and April.

18-24". 75c. each. \$6.50 for 10.

PINK RUGOSA ROSE. *Rosa rugosa rosea*. See page 28.

WHITE RUGOSA ROSE. *Rosa rugosa alba*. See page 28.

JAPANESE SNOWBALL. *Viburnum tomentosum plicatum*. See page 28.

VANHOUTTE SPIREA. *Spiraea vanhouttei*. See page 29.

PINK WEIGELA. *Weigela rosea*. See page 29.

AMERICAN GLOBE ARBORVITAE. *Thuja occidentalis globosa*. See page 27.

JAPANESE BARBERRY. *Berberis thunbergi*. See page 27.

CORALBERRY. *Symphoricarpos vulgaris*. See page 27.

SLENDER DEUTZIA. *Deutzia gracilis*. See page 27.

GOLDFLOWER. *Hypericum moserianum*. See page 28.

SNOWHILL HYDRANGEA. *Hydrangea arborescens grandiflora*. See page 28.

JAPANESE PACHYSANDRA. *Pachysandra terminalis*. See page 28.

ANTHONY WATERER SPIREA. *Spiraea bumalda* Anthony Waterer. See page 29.

THUNBERG SPIREA. *Spiraea thunbergi*. See page 29.

SNOWBERRY—COMMON. *Symphoricarpos racemosus*. See page 29.

WINTERCREEPER. *Euonymus radicans*. See page 29.

(b) INTERMEDIATE MASS PLANTINGS

GLOSSY ABELIA. *Abelia grandiflora*. See page 27.

BERCKMANS GOLDEN ARBORVITAE. *Thuja orientalis aurea nana*. See page 27.

OXEYE BUTTERFLYBUSH. *Buddleia davidi magnifica* (8'). An ornamental half-hardy shrub with showy, fragrant, rose-purple flowers with deep orange eye. The flowers are borne in dense, terminal panicles in late summer in great profusion. They will grow in almost any sunny location.

2-3'. 60c. each. \$5.50 for 10.

BUTTERFLYBUSH

(c) LARGER MASS PLANTINGS

AMERICAN ARBORVITAE. *Thuja occidentalis*. See page 27.

AMERICAN PYRAMIDAL ARBORVITAE. *Thuja occidentalis pyramidalis*. See page 27.

ORIENTAL ARBORVITAE. *Thuja orientalis*. See page 27.

EUROPEAN CRANBERRYBUSH. *Viburnum opulus*. See page 27.

COMMON LILAC. *Syringa vulgaris* (20'). An upright shrub or small tree with bright green leaves and large fragrant panicles of lilac flowers. They will grow in almost any kind of soil.

2-3'. \$1.00 each. \$9.00 for 10.

COMMON WHITE LILAC. *Syringa vulgaris alba*. Distinguished from Common Lilac by its yellowish gray branches, yellow green buds and less vigorous growth. The flowers are white and appear earlier than other varieties.

2-3". \$1.25 each. \$11.00 for 10.

SWEET MOCKORANGE. *Philadelphus coronarius* (10'). A popular ornamental flowering shrub of upright growth with dark green foliage. The white or slightly creamy flowers are produced in May and June and are deliciously fragrant.

2-3'. 60c. each. \$5.50 for 10.

MOUNTAIN LAUREL. *Kalmia latifolia*. See page 28.

COMMON NINEBARK. *Physocarpus opulifolius*. See page 28.

CALIFORNIA PRIVET. *Ligustrum ovalifolium*. See page 28.

REDCEDAR. *Juniperus virginiana*. See page 28.

ROSEBAY RHODODENDRON. *Rhododendron maximum*. See page 28.

SHRUB-ALTHEA. *Hibiscus syriacus* (10'). One of the commonest and hardiest flowering shrubs with rather small 3-lobed leaves and somewhat bell-shaped flowers 2-3 inches long, appearing in August and September.

BOULE DE FEU. Double red.

2-3'. 75c. each. \$6.50 for 10.

PAEONIFLORA. Double clear pink.

2-3'. 75c. each. \$6.50 for 10.

SNOWSTORM. Single pure white and a dwarf grower.

2-3'. 75c. each. \$6.50 for 10.

PYRAMIDAL ARBORVITAE

GROUP III—VALUABLE PLANTS FOR SHEARED HEDGES AND EDGING

A well kept hedge or a neat edging reflect to a large degree the character of the owner and of the grounds. Neatness and orderliness are two qualities suggested.

When space is limited and a screen desired, a sheared hedge is recommended.

Hedges also give us a solid background of green and may be made practically impassable, thus taking the place of a fence.

Edging is used around flower beds, along the sides of walks and paths and in front of shrubbery plantings. It gives us something very low-growing, thus effectually hiding the ground where many shrubs are bare of foliage. It defines walks and paths more clearly and effectually outlines the flower beds. Edging around flower beds eliminates the ragged, sprawly appearance so often a conspicuous note in flower gardens.

And for enclosing a formal garden a sheared hedge of some kind is almost indispensable.

AMERICAN ARBORVITAE. *Thuja occidentalis* 2-2½'. See page 27.

AMERICAN PYRAMIDAL ARBORVITAE. *Thuja occidentalis pyramidalis*. See page 27.

JAPANESE BARBERRY. *Berberis thunbergii*. See page 27.

COMMON BOX. *Buxus sempervirens*. See page 27.

TRUEDWARF BOX. *Buxus sempervirens suffruticosa*. This variety has small rounded leaves and is most compact and dwarf in growth. It is widely used for edging walks and flower beds. Good garden soil is all that is necessary.

It should be planted about 4-6 inches apart and rather deep so that all the roots are well covered with soil.

4-6". 25c. each. \$2.25 for 10. \$20.00 per 100.

CANADA HEMLOCK. *Tsuga canadensis*. See page 24.

JAPANESE PACHYSANDRA. *Pachysandra terminalis*. See page 28.

CALIFORNIA PRIVET. *Ligustrum ovalifolium*. See page 28.

REGEL PRIVET. *Ligustrum ibota regelianum*. See page 28.

GROUP IV—THE ROSE

"Then took the generous host
A basket filled with roses;
Every guest
Cried, 'Give me roses,'
And thus the garden's favorite is the rose."

The rose has been called the Queen of Flowers. Its beauty and fragrance are well known. Practically every home has at least one rose bush and when we create a flower-garden we never forget to include them.

Now, Rose Gardens are frequently seen and the rose is truly Queen and all else excluded.

So, in planting save a place for a rose. They should be in a bed to themselves where sunshine and moisture is abundant. Trees prevent their growth due to excessive shade and extensive root system. Do not plant against the foundation of a house as the foundation radiates heat and the plants will lack sufficient moisture.

Our list of roses is not meant to be complete nor to include novelties. We have selected those varieties that we consider best as regards hardiness and free blooming qualities. We might call them "experienced roses," for they have experienced the test of time.

PREPARATION OF SOIL

The ideal soil for roses is a clay loam. The ideal fertilizer is cow-manure.

Where best results are desired the beds should be "trenched" to a depth of 18 inches, i. e., the soil should be removed to that depth and thoroughly mixed with rotted manure—one part manure to three parts soil—and returned to the bed.

TOP PRUNING

Roses should be cut back severely when first set out. On the average the strongest growths should be left 7 inches long and the weaker about 3-4 inches. From 3-5 upright branches should be retained, the rest cut off.

PLANTING

Fairly deep planting is recommended. If the plant is budded on wild rose stock, it should be planted so that the junction of the bud with the stock will be two inches below the level of the soil. The roots should be spread out, fine soil worked in around them and the ground pressed firmly about the plant with the foot.

WATERING

If the soil is moist no watering is necessary until growth begins.

MULCHING

Bush roses generally need protection throughout the winter. A good plan is to mound the earth about 8 inches high around each plant late in November. The valleys between the plants can be filled with stable manure. This both protects and fertilizes. As soon as the frost is out of the ground the covering should be gradually removed.

(a) BUSH ROSES

The roses listed as bush roses belong to two classes; hybrid teas and hybrid perpetuals. You will notice that most of them belong to the former class. This is because of their greater variety in colors and abundance of bloom all summer long. The second class, hybrid perpetuals, are more hardy and stronger growing, but usually only flower the first part of the season.

Due to the vast improvements made in the hardiness of the hybrid teas we are listing them almost exclusively.

All of our roses are two-year-old field-grown plants.

\$1.00 each.

\$9.00 for 10.

COLUMBIA. H.T. Produces a very strong, erect, growth that is almost thornless, rose-pink flowers, very large and double, and of surpassing fragrance.

DUCHESS OF WELLINGTON. H.T. Robust habit, disease-resistant and a good bloomer, long-pointed buds, the flowers large, moderately full, of intense saffron yellow changing to orange coppery yellow as they expand. Delightfully fragrant.

FRANCIS SCOTT KEY. H.T. A vigorous upright grower producing extremely large, rich crimson red blooms, very double, borne on long stems. Very rich in fragrance.

FRAU KARL DRUSCHKI. H.P. An extremely popular rose of vigor and upright growth producing immense, pure-white perfectly double flowers, sometimes almost 6 inches in diameter.

GENERAL McARTHUR. H.T. A good bushy grower and reliable bloomer. The brilliant, glowing, crimson-scarlet buds open into moderately large full and fragrant blooms of good keeping qualities.

GRUSS AN TEPLITZ. H.T. Its absolute hardiness, beautiful plum-colored foliage and its very free and continuous blooming qualities make this a wonderful rose.

J. B. CLARK. H.P. Unusually strong and rugged with foliage of beautiful bronzy green while young. Intense deep scarlet blooms shaded blackish maroon of immense size and moderate fragrance.

KAISERIN AUGUSTA VICTORIA. H.T. Fine, glossy foliage and moderately vigorous in growth. The flower is large and full produced on long stems. Color, creamy white, faintly tinged with lemon. Magnolia-like fragrance.

LOS ANGELES. H.T. A thoroughbred American rose, vigorous and well-suited for bedding. A rich, salmon-pink shaded with gold at the base of the petals. Large and fragrant.

MME. BUTTERFLY. H.T. A sport from the Ophelia and therefore identical in habit, growth and style of flower. Medium size, color pink, apricot and golden yellow.

MME. CAROLINE TESTOUT. H.T. A splendid, vigorous grower, very rugged and thorny, used most abundantly along the streets of Portland, Ore. Light, salmon-pink flowers of globular form.

MAD. EDOUARD HERRIOT. H.T. One of the very first roses to bloom outdoors and succeeds over a wide range of climatic conditions. Coral-red, shaded with yellow and bright rosy scarlet with yellow at the base of the petals. Bright green, glossy foliage.

MME. JULES BOUCHE. H.T. Exceedingly bushy and strong and a prolific bloomer. The stems are long and strong with medium long-pointed buds, and a very full pearly white carnelia-like flower, tinged with blush.

MRS. AARON WARD. H.T. Of moderately, vigorous, bushy growth with good foliage. Flowers semi-double, cup-shaped deep Indian yellow, edging to white. Fragrant, blooms till frost. Excellent for table and buttonhole.

OPHELIA. H.T. An extremely successful outdoor rose, blooming constantly. Color is variable, embracing salmon-flesh, pink and yellow. Practically every flower is perfect. Second place in the American Rose Society's "Favorite Dozen" Hybrid Tea Roses.

PAUL NEYRON. H.P. A vigorous, hardy plant that frequently shows fall blooms. The flowers are very large and full, deep rose, fragrant.

RADIANCE. H.T. Very vigorous, upright, bushy plants bearing a continuous supply of very large, globular-shaped flowers, light silvery pink to salmon-pink on long, strong stems. Most dependable everywhere. Splendid for both cutting and bedding. First place in the American Rose Society's "Favorite Dozen" Hybrid Tea Roses.

RED RADIANCE. H.T. Identical with Radiance except in color of flower which is a medium red. Of great garden value. Third place in the American Rose Society's "Favorite Dozen" Hybrid Tea Roses.

SUNBURST. H.T. Leathery, bronze foliage that is disease resistant. Bright glowing orange blooms that pale slightly at edges of petals.

WHITE KILLARNEY. H.T. A profuse bloomer and vigorous grower. Beautiful large, long-pointed buds borne on long strong stems and opening into a rosy-white flower.

WHITE KILLARNEY.

(b) CLIMBERS

Nothing is more conspicuous, more beautiful or more stunning than a bank, fence or arbor covered with climbing roses in flower. Then it is that we have a mass of color almost impossible to secure with any other plant.

We may depend upon them year after year as the varieties listed are perfectly hardy. And what other plant will cover a bank, wall or fence as quickly as a rose?

75c. Each. \$7.00 for 10.

AMERICAN PILLAR. A very strong growing and hardy climber making plenty of strong canes with large leathery foliage. Large, single flowers of rich, deep pink (almost red) with white center, coming in large clusters.

CLB. AMERICAN BEAUTY. A very vigorous grower with splendid glossy foliage. It bears an abundance of deep pink to crimson blooms, large and perfect in shape on long stems suitable for cutting. Fragrant. June.

DOROTHY PERKINS. The growth is exceedingly strong, foliage glossy, bright green and persists until cold weather. The beautiful shell-pink, slightly fragrant double flowers are borne in great profusion. Exceedingly valuable for training about pillars and as a cover for walls, embankments, fences and arbors.

DR. W. VAN FLEET. Abundant, bronze-green, glossy, disease-resistant foliage. Perfectly formed, long-pointed, deep pink buds on long stems with several in a cluster, that open a delicate, flesh pink expanding to three inches or so in diameter. A very good variety for cutting. First place in the American Rose Society's "Favorite Dozen" climbers.

EXCELSA. Strong and wiry in growth with glossy, disease-resistant foliage and intense crimson, double flow-

ers produced in immense clusters. Much superior in flower and foliage to the old-fashioned Crimson Rambler.

GARDENIA. An exceedingly strong grower with beautiful, glossy green foliage. It has lovely golden-yellow buds that open to almost white when fully expanded. Especially attractive in bud.

PAUL'S SCARLET CLIMBER. The vivid scarlet, shaded crimson, semi-double flowers in clusters, retain their color till they fall, the color being intensified by the numerous yellow stamens. It makes quite an attractive cut flower. Third place in the American Rose Society's "Favorite Dozen" climbers.

SILVER MOON. This extraordinary climber is covered with glossy, beautiful, bronze-green foliage, a fitting background for the large semi-double flowers, silvery white in color with bright yellow stamens in the center. Attained second place in the American Rose Society's "Favorite Dozen" climbers.

TAUSENSCHON. A moderate grower with light green, glossy foliage and almost thornless canes. The cherry-pink buds open into very double flowers that vary in shade from bright pink to white. A very desirable and distinctive rose.

VINES AND CREEPERS

This class of plants has a great value in landscape work. The landscape architect truly appreciates them and makes frequent use of them. The average small-house owner seldom places as much value on them.

Vines soften the hard straight lines of a building as no other plant will and help connect it with the grass and other planting. Vines give a cordial and informal welcome to the stranger at the door. Vines conceal walls and fences and the creeping kinds are of especial value on banks and next to steps. Without vines and creepers our landscape would lack one of its most important landscape materials.

These plants should be given the same treatment in planting as Flowering Plants and Shrubs.

Suitable For Seashore Planting

JAPANESE CREEPER

HALL JAPANESE HONEYSUCKLE

SWEET AUTUMN CLEMATIS

GROUP I—VINES THAT STICK TO ANY GOOD SURFACE UNAIDED

VIRGINIA CREEPER. *Ampelopsis quinquefolia*. A very valuable climber of vigorous growth. Leaves divided usually into five leaflets; coarsely toothed; coloring bright scarlet in autumn.

2 yr. 75c. each. \$6.50 for 10.

ENGLISH IVY. *Hedera helix*. A high-climbing or creeping evergreen vine with dark green, 3-5 lobed leaves and black berries. A very valuable plant for covering walls, rocks, trunks of trees and trellis work and as a window

garden plant. Also a good ground-cover and border plant. 2½-in. pots. 25c. each. \$2.25 for 10. \$20.00 per 100.

JAPANESE CREEPER. *Ampelopsis tricuspidata*. A high-climbing vine with handsome entire or three-lobed leaves, glossy green changing to brilliant orange and scarlet in the fall. It has bluish-black berries in September and October. It stands smoke and dust well, is hardy and not particular as to soil.

2 yr. 75c. each. \$6.50 for 10.

WINTERCREEPER. *Euonymus radioans*. (See page 29).

GROUP II—VINES FOR PORCHES, TRELLISES, ETC.

SWEET AUTUMN CLEMATIS. *Clematis paniculata*. A vigorous climber. The flowers are white, fragrant, 1-1½ inches across and produced in great abundance in September. This vine is so floriferous that the blossoms form a dense sheet of bloom. Thrives best in sunny locations.

2 yr. 50c. each. \$4.50 for 10.

HALL JAPANESE HONEYSUCKLE. *Lonicera japonica halliana*. A semi-evergreen vine of vigorous growth with dark green leaves and very fragrant white flowers changing

to yellow from June to August. Well adapted to covering walls, banks and trellis work. It also makes a good ground-cover in shade.

2¼-in. pots. 30c. each. \$2.70 for 10. \$24.00 per 100.

CHINESE WISTERIA. *Wisteria sinensis*. Attractive large twining vines with woody trunks; leaves divided into about five pairs of leaflets and with blue-violet sweetpea-like flowers in drooping racemes 6-12 inches long appearing in May.

2 yr. 6-in. pots. \$2.00 each. \$18.00 for 10.

HARDY PERENNIAL GARDEN

HARDY PERENNIALS

As with our roses no attempt has been made to embody a complete list or even nearly complete list of perennials. But we have selected Common Chrysanthemums, German and Japanese Iris, Common Peonies and Garden Phlox as being a few dependable kinds that can be planted almost anywhere.

These are the old-fashioned flowers that Grandmother used to have. They require only average care and give an abundance of bloom.

It isn't necessary to make a separate flower garden. These Hardy Perennials will grow admirably in front of shrubbery, plantings and add variety in habit of growth, foliage and bloom.

And every year they increase and add to your wealth of flowers. Permanence is one of their greatest attributes. With them on your grounds your supply of cut flowers for the table is assured.

In planting use the same treatment as for Flowering Plants and Shrubs.

The soil should be finely pulverized and made very rich.

No root or top pruning is necessary.

Usually the crown of the plant should not be more than one inch below the surface.

It is a good plan to give the bed a thorough watering as soon as the planting is completed.

A mulch of leaves or strawy manure and cornstalks should be placed over the bed as soon as a good frost has occurred.

BLEEDING HEART. *Dielytra spectabilis* (1-2'). An old-fashioned plant with much cut foliage and drooping heart-shaped flowers of deep rosy red produced from May to July.
75c. each. \$6.75 for 10.

COMMON CHRYSANTHEMUMS

The large flowered forms of Chrysanthemums can seldom be depended upon to reach maturity out-of-doors before frost and even then do not produce flowers the size desired without more care than the average person can or will give. The following list, therefore, is a selection of the best smaller flowered early sorts that can be depended upon to produce quantities of flowers under average conditions.

30c. each. \$2.70 for 10.

EXCELSIOR. Bright yellow, large single. High and bushy. Midseason.

FERNRIDGE. Reddish-bronze, single. High-growing. Midseason.

FIRELIGHT. Bright red, early, large aster-like flowers, two and a half inches across.

LILLIAN DOTY. Pink, shading to flesh, ball-shaped. High growing. Midseason.

MITZI. Medium sized yellow with red center. Early. Pompon.

MRS. H. HARRISON. Delicate pink button, loosely arranged. Early bloom. Long stems.

NELLIE BLAKE. Reddish orange, aster-flowered. Early.

NORMANDIE. Delicate pink, aster-flowered. Large, early, dwarf growing.

PETITE LOUIS. Large rose-pink, aster-flowered. High growing. Midseason.

UVALDA. Pure-white, aster-flowered. Early.

WHITE DOTY. A pure white ball-shaped flower, cream center. High growing. Early.

IRIS

The ease with which Iris is grown together with its beautifully colored flowers, make it one of our most common garden plants. The following lists of Iris embrace only those of special merit. They are the newer and most perfect forms. Wherever possible the rating given each variety by the American Iris Society has been noted, a rating of 10 being perfect.

DWARF—BEARDED IRIS

IRIS PUMILA ATROVIOLOACEA 7.4 Deep violet purple.
50c. each. \$4.50 for 10.

IRIS PUMILA HYBRIDA SCHNEEKUPPE 7.4. Pure white standards and white falls veined greenish yellow. 8 inches tall.

50c. each. \$4.50 for 10.

GERMAN IRIS

The following list of seventeen varieties are those that may be secured at a moderate price and yet are rated uniformly high.

ALCAZAR 8.9. Light blue, flushed rose standards; falls velvety crimson purple with bright orange beard. This is a giant flower and gorgeous in coloring.

35c. each. \$3.25 for 10.

AMBIGU 8.3 (30"). Beautiful, erect, ruffled standards of smoky red. Velvety purple falls.

\$1.00 each. \$9.50 for 10.

ANNE LESLIE 8.3 (30"). White standards tinted rose. Carmine falls.

\$1.00 each. \$9.50 for 10.

ARSACE 8.4. Lobelia violet standards bordered with mauve. Falls mauve, shaded soft rose.

\$1.50 each. \$13.50 for 10.

CATERINA 8.9 (54"). A beautiful orchid shade with deep orange beard. Fragrant and especially hardy.

35c. each. \$3.25 for 10.

DALMATICA (40"). A superb variety with large delicate lavender flowers.

50c. each. \$4.75 for 10.

DEJAZET (24"). Standards dull yellowish rose. Falls reddish violet. Beautiful flowers produced in mid-season.

\$1.50 each. \$14.25 for 10.

EDWARD MICHEL 8.6 (36"). The frilled standards and wide falls are colored deep wine red. A late variety.

\$1.00 each. \$9.50 for 10.

ISOLENE (36"). Very large crinkled standards of silky lilac; purplish old rose falls with gold beard. Brown markings and golden shadings at the throat. Late but a full bloomer.

50c. each. \$4.75 for 10.

JUNIATA 8.1 (36"). A light blue iris with orange beard. The large fragrant flowers are produced in mid-season.

50c. each. \$4.75 for 10.

MONSIGNOR 8.4 (24"). A variety of extremely rich colorings. Silky violet standards and crimson purple falls with white throat and orange beard. Mid-season.

35c. each. \$3.25 for 10.

MONTEZUMA 8.3. Standards golden yellow with minute brown dots; falls yellow and white with purple veins and brown dots.

50c. each. \$4.75 for 10.

PROSPER LAUGIER 8.3 (32"). Standards bright coppery, crimson; falls ruby-purple with orange beard. Mid-season.

35c. each. \$3.25 for 10.

RHEIN NIXE (36"). A mid-season variety with pure white standards and deep purple falls bordered white. Orange beard. Large flowers.

35c. each. \$3.25 for 10.

SEMINOLE. Violet rose standards and rich crimson falls with orange beard. A full bloomer. 8.3.

75c. each. \$6.75 for 10.

TROOST 8.4 (24"). Rich, rosy-purple standards with paler falls veined with violet changing in part to brown. Distinctive in appearance.

\$1.50 each. \$14.25 for 10.

WHITE KNIGHT (20"). A beautiful, waxy, snow-white flower produced late.

75c. each. \$6.75 for 10.

The following named varieties comprise a selected list:

AMBASSADEUR (36-42"). Standards smoky-lavender; falls rich purple maroon. Very large flowers of striking beauty.

\$2.00 each. \$19.00 for 10.

ANNA FARR 8.4 (36"). White standards lightly bordered with pale blue. The falls are pure white with pale blue markings at the base. A very large flower. Mid-season.

\$2.00 each. \$19.00 for 10.

AZURE 8.2 (30"). The standards are a light bluish violet. The falls are a deep rich velvety indigo-purple with orange beard.

\$1.00 each. \$9.50 for 10.

BALLERINE 9.4 (4'). Light blue-violet standards that are broad and waved. Falls are a deeper shade. It is early, large and fragrant.

\$2.00 each. \$19.00 for 10.

KASHMIRIANA 9.0. One of the finest whites.

\$1.25 each. \$11.25 for 10.

LENT. A. WILLIAMSON 9.6. Deep blue standards with rich, royal purple falls and a brilliant gold beard. Early, free flowering and vigorous. Rated by the American Iris Society as the finest iris in the world.

\$2.00 each. \$19.00 for 10.

LORD OF JUNE 9.1 (3'). The standards are pale lavender blue; the falls deep blue. The massive flowers are exceedingly handsome and of perfect form. Mid-season.

\$2.00 each. \$19.00 for 10.

MAGNIFICA 9.1 (4'). Standards light violet blue; falls dark reddish violet brown stripes at base with yellow beard. The large flowers are of thick waxy texture and sweetly scented.

\$2.00 each. \$19.00 for 10.

MARSH MARIGOLD 8.9 (30"). Standards light golden yellow, falls rich red, margined yellow. Orange beard.

\$4.00 each. \$38.00 for 10.

PRINCESS BEATRICE 9.5 (48"). Delicate lavender flowers of silky texture. Rates as the second best iris by the American Iris Society. Mid-season.

\$1.50 each. \$15.50 for 10.

QUEEN CATERINA 9.0 (40"). The lavender violet blooms grow to a height of 40 inches. Mid-season. A strong grower.

\$2.00 each. \$19.00 for 10.

SOUVENIR DE MME. GAUDICHAU 9.3 (42"). A rich, blackish purple. Early and a prolific bloomer.

\$3.00 each. \$28.50 for 10.

VIRGINIA MOORE 8.1 (34"). A late pure bright yellow. This is a very beautiful variety.

\$3.00 each. \$27.00 for 10.

GIFT BOX COLLECTION OF IRIS

Believing that many of our friends would like to secure a choice assortment of most of the better varieties of German Iris offered in our catalogue, either to add to their own collection or to present to their friends, we have made a careful selection and packed in a specially designed Gift Box, eighteen of our best named varieties as follows:

2 Alcazar	\$.70	1 Kashmiriana	\$1.25
2 Ambigu	2.00	1 Lent A. Williams.....	2.00
1 Anne Leslie	1.00	2 Monsignor	.70
1 Arsace	1.50	1 Princess Beatrice	1.50
2 Azure	2.00	2 Prosper Laugier	.70
2 Caterina	.70	2 Rheine Nixe	.70
2 Dalmatica	1.00	2 Seminole	1.50
2 Isolene	1.00	1 Troost	1.50
2 Juniata	1.00	2 White Knight	1.50

TOTAL VALUE—\$22.25.

Special price packed in our GIFT BOX..... \$20.00.

GERMAN IRIS MIXED. *Iris Germanica*. The flowers ranging in color from pure white thru yellow, mauve, blue and dark purple, appear in May and June on stout, erect, branched stalks, much exceeding the clumps of spreading leaves.

20c. each. \$1.80 for 10. \$16.00 per 100.

JAPANESE IRIS MIXED. *Iris Kaempferi*. The plants form large strong clumps bearing several flower-stems. The leaves are slender and erect. The flowers range in color from white thru various shades of blue to deep purple and flower in late June and July. Cool, moist situations are best.

35c. each. \$3.25 for 10. \$30.00 per 100.

JAPANESE IRIS

SIBERIAN IRIS.

EMPEROR (4').

Deep violet flowers of large size. Produced on tall stalks.

\$2.00 each. \$19.00
for 10.

PERRY BLUE. A

scarce variety producing large clear blue flowers with horizontal falls. A splendid grower and excellent for cutting.

\$1.25 each. \$11.75
for 10.

LILY-OF-THE-VALLEY

SNOW QUEEN. Large ivory white flowers.

35c. each. \$3.00 for 10.

LILY-OF-THE-VALLEY. *Convallaria Majalis*. A dainty herb with large leaves and small white nodding flowers most delicate and sweet-scented. Hardy and easily grown in partially shaded places and moderately rich soil. Blooms in May and June.

Clumps. 35c. each. \$3.25 for 10.

COMMON PEONY

The Peony is a common, old-fashioned flower, the old reliable of colonial gardens. Blooming year after year, often in a neglected corner of the garden, it has become firmly established in the hearts of flower lovers. Hybridizers have turned their attention to it until now an almost endless number of named varieties are offered. We are listing some of the choicest and also indicating the rating given them by the American Peony Society. A rating of 10 is perfect.

All roots are 3-5 eye divisions.

ALBERT CROUSSE (8.6). Rose white in color lightly and prettily flecked with crimson. Large, compact, fragrant. Erect habit of growth and late flowering.

75c. each. \$7.25 for 10.

DUCHESS DE NEMOURS (8.1). Large sulphur-white, with a pronounced greenish reflex. Fragrant; early; very free bloomer; vigorous grower. Fine for cutting. Early mid-season.

50c. each. \$4.75 for 10.

ELIZABETH BARRETT BROWNING (9.2). A delicate pink bud when first opening, develops into a very fine white flower of most attractive form and quality. The outer petals and center are marked crimson. Extremely fragrant. Late.

\$10.00 each.

FELIX CROUSSE (8.4). Fine, large, globular flowers, brilliant red in color. Strong vigorous growth. Fine as a cut-flower or for garden effect. Mid-season.

75c. each. \$7.25 for 10.

FESTIVA MAXIMA (9.3). Snow-white with carmine spots on edge of center petals. Enormous, very full bloom, often 8 inches in diameter on strong 3½' stems. Very fragrant; early.

50c. each. \$4.75 for 10.

FRANCES WILLARD (9.1). Creamy white flowers opening a blush white occasionally touched carmine. A tall strong grower producing very large flowers. Late mid-season.

\$6.00 each.

JAMES R. MANN (9.6). Large, deep, rosy pink, with one or two streaks of crimson in the center and an occasional marking on back of guard petals. The incurved central petals give a very graceful effect. Mid-season.

\$25.00 each.

LADY ALEXANDRA DUFF (9.1). Immense cup-shaped flower with extremely wide petals of soft French pink with flesh tints. Medium height and upright stems. Highly perfumed. Mid-season.

\$6.00 each.

LA FEE (9.2). Globe-shaped flowers of rose-pink with a silvery light; collar creamy yellow. Strong, tall grower and free bloomer.

\$17.50 each.

LE CYGNE (9.9). Pure milk-white flowers with petals very much incurved. Immense size, stiff stems, dark green foliage. A very distinct, beautiful and fragrant variety. Mid-season.

\$22.50 each.

LONGFELLOW (9.0). Color is a brilliant cherry-red with golden stamens, surrounding the center petals. Fine for garden and landscape purposes. Early.

\$8.00 each.

MADAME JULES DESSERT (9.4). Color creamy white with buff and salmon shades. The large flowers are of beautiful form and exquisite coloring. Mid-season to late.

\$6.00 each.

MONSIEUR JULES ELIE (9.2). Very large compact blooms, color a clear medium pink with a silvery tinge. Medium height, strong grower, early and fragrant. The globular blooms with recurved guard petals resemble chrysanthemums.

\$1.00 each. \$9.50 for 10.

MONSIEUR MARTIN CAHUZAC (8.8). Very dark garnet or maroon, said to be the darkest peony in the trade.

Globular flowers, vigorous grower, medium height, free bloomer. Dark green foliage with red stems. Early Mid-season.

\$5.00 each.

NYMPHAEA (9.1). Large flat flowers with wide delicate creamy white petals, notched at the tips and with slightly rolled edges; yellow stamens in the center. Throughout the whole flower is a reflex of golden light. Mid-season.

\$10.00 each.

SOLANGE (9.7). Outer petals waxy white suffused with salmon shading deepening toward the center. Extra large flowers with unusual coloring of rare beauty. Strong, tall growers. Late mid-season.

\$8.00 each.

THERESE (9.8). Soft shell pink in color with a lighter center. Vigorous and free blooming, producing very large flowers on strong stems of medium height. Mid-season.

\$7.00 each.

WALTER FAXON (9.3). Bright rose-pink shaded with salmon. Medium sized globe shaped, flowers produced freely on stems of medium height. Late.

\$7.00 each.

GARDEN PHLOX

1 yr. field grown. 30c. each. \$2.70 for 10 except as noted.

CHAMPS ELYSEE. Very bright rosy magenta. Dwarf, growing.

ELIZABETH CAMPBELL. Bright salmon-pink with lighter shadings and dark eye. Tall growing.

35c. each. \$3.35 for 10.

GEN. VAN HEUTZ. Large panicles of salmon-red flowers with grayish white eye borne on medium sized trusses. Tall. Mid-season to late.

LA VAGUE. Pure mauve, with aniline-red eye. Medium growing; immense conical heads borne in great profusion.

MRS. JENKINS. A tall early white for massing.

RIJNSTROOM. A soft, clear pink, medium height and strong grower. Flower very large.

SMOOTH PHLOX

MISS LINGARD. Waxy-white with lavender eye. Longest spikes of any Phlox—blossoms from ground up. Early fragrant, continues through season.

30c. each. \$2.70 for 10.

BOLGIANO'S PERENNIAL BORDER

Instead of offering a long list of perennials from which the novice is expected to make proper selections, we have prepared a special plan for a moderate sized Perennial Border and also recommended the proper plants to use.

The plan shown is for a border 25 feet long and 5 feet deep. The location of each kind of plant is shown on the plan by a key number followed by the number of plants to be planted in that particular location.

The planting list shows the kind of plant corresponding to each key number, the total quantity, the distance apart that they are to be planted, the height to which it grows, the color of the flower and the approximate period of bloom.

This border insures the maximum of beauty because the arrangement has all been planned in advance with due regard to size, color and period of bloom. Interesting contrasts and harmonious combinations of plants are thus affected.

And the effect is permanent because they are all perennials and live in the ground from year to year. With average care as to watering and weeding, this Perennial Border should gain in beauty every year.

PLANTING PLAN

Planting List

Key No.	Quantity.	Common and Botanical Name.	Distance Apart.	Height.	Color.	Blooms.
1	50	Butterfly Tufted Pansy..... <i>Viola cornuta papilio.</i>	6"	8"	Violet.	May-Oct.
2	12	Showy Sedum <i>Sedum spectabile.</i>	18-24"	1-1½'	Pink.	Sept.-Oct.
3	12	American Columbine <i>Aquilegia canadensis.</i>	12"	1-2'	Red and Yellow.	May-July
4	5	Clump Speedwell <i>Veronica longifolia subsessilis.</i>	15"	2-3'	Blue.	Aug.-Oct.
5	6	Gloxinia Foxglove <i>Digitalis purpurea gloxiniaeflora.</i>	12"	4-5'	Mixed.	June-July
6	7	Sweet William <i>Dianthus barbatus.</i>	12"	1½-2'	Mixed.	May-June
7	7	Garden Phlox <i>Phlox paniculata</i>	12"	2-4'	Mixed.	June-Oct.
8	5	Allegheny Hollyhock <i>Althea rosea Allegheny.</i>	12"	6-8'	Pink to Red.	July-Sept.
9	2	Marshmallow <i>Althea officinalis.</i>		5-8'	Mixed.	July-Sept.
10	6	Larkspur <i>Delphinium belladonna.</i>	12"	3'	Blue.	July-Sept.
11	7	Giant Purple Cone Flower..... <i>Echinacea purpurea.</i>	15"	3'	Purple.	July-Oct.
12	7	Red Sneezeweed <i>Helenium autumnale rubrum.</i>	15"	3-4'	Red.	Aug.-Sept.
13	2	New York Aster..... <i>Aster novibelgi Climax.</i>		5'	Blue.	Sept.-Oct.
14	6	Virginia False-dragonhead <i>Physostegia Virginiana.</i>	12"	3-4'	Pink.	July-Aug.

134 plants, strong and vigorous, all properly numbered and named, ready for planting—\$25.00.

HARDY LILIES

Lilies are most attractive when combined with other things, such as large growing perennials, shrubs and evergreens. It is a beautiful and welcome sight to see a nest of lilies among a mass of shrubbery. Their nodding heads seem to lend an air of informal beauty to their surroundings.

And yet lilies are not planted along the generous lines that other plants are used. There seems to be a widespread impression that one must have some superior power or knowledge in order to grow them successfully. But, with only a little care, almost anyone can shortly possess a colony of lilies as the result of the normal increase from initial plantings.

PREPARATION OF SOIL

Lilies are best in rich moisture retaining soil. Yet, they must be well drained. Very heavy soil is not very successful for lilies. Well-rotted manure may be mixed with the soil and dug in deeply. As lilies are planted deep, the soil should be prepared to a depth of about twelve inches.

PLANTING

Lilies are usually best planted in the fall, beginning about September and continuing even into the spring months. Plant from 4-6 inches deep. Many planters place a small amount of sphagnum moss beneath each bulb, especially with the auratum, candidum and speciosum varieties.

NOTE. All our lily bulbs are of the largest size obtainable and should not be confused with smaller bulbs that are of course much lower in price and quality.

GOLDBAND LILY. *Lilium auratum* (3-5'). Large, pure-white flowers with a central band of yellow and numerous chocolate-crimson spots. Variable in size, color and time of flowering. Flowers 8-12 inches across, fragrant. July—September.

50c. each. \$4.50 for 10.

LILIUM auratum platphyllum. A beautiful yellow and white lily. The pure white flowers are banded and spotted with bright yellow.

65c. each. \$5.85 for 10.

LILIUM auratum rubro-vittatum. Large flowers beautifully banded with red and dotted with numerous red spots.

\$1.00 each. \$9.00 for 10.

BATEMANN LILY *Lilium batemanniae* (2'). Rich apricot colored flowers without spots, produced 4-6 in an umbel. July and August.

40c. each. \$3.60 for 10.

BROWNS LILY *Lilium browni* (2'). Immense, pure-white, trumpet-shaped flowers, inside pure white and brown anthers, outside deep reddish brown. June and July.

\$1.25 each. \$11.25 for 10.

MADONNA LILY *Lilium candidum*. Fragrant, pure-white flowers of large size. One of the easiest to grow. Flowers late June and July.

50c. each. \$4.50 for 10.

LILIUM elegans Alice Wilson. A golden yellow with reddish brown anthers.

\$1.25 each. \$11.25 for 10.

LILIUM elegans atrosanguineum (18"). Deep blood red flowers produced in June and July.

60c. each. \$5.40 for 10.

LILIUM elegans orange. Orange-colored flowers shaded deeper towards the center.

40c. each. \$3.60 for 10.

HANSON LILY *Lilium hansonii* (3'). Reddish-orange flowers 6-10 in a cluster with thick, lasting petals. A rare Japanese lily reaching 3 feet in height under favorable conditions.

75c. each. \$6.75 for 10.

HENRY LILY *Lilium henryi* (4-5'). Orange-yellow flowers banded with green and lightly spotted brown. An easy lily to grow.

75c. each. \$6.75 for 10.

LILIUM japonicum (2½'). Beautiful, pale rose colored flowers 3-5 inches long, produced on slender stems 1-3 feet high, 1-3 on a stem. Fragrant.

60c. each. \$5.40 for 10.

GOLDBAND LILY

ROYAL LILY. *Lilium regale* (3-5'). Ivory white, shaded pink flowers; slightly shaded pink outside, the lower inner surface primrose yellow. Bears one to several trumpet-shaped flowers. July and early August.

\$1.00 each. \$9.50 for 10.

WHITE SPECIOSUM LILY. *Lilium speciosum album*. Beautiful large white flowers with a greenish band running through the center of each petal. August and September.

50c. each. \$4.75 for 10.

GREAT SPECIOSUM LILY. *Lilium speciosum magnificum*. Extra fine large flowers of rich deep red. August and September.

50c. each. \$4.50 for 10.

ROSE SPECIOSUM LILY. *Lilium speciosum roseum*. White flowers shaded and spotted with rose. August and September.

50c. each. \$4.50 for 10.

AMERICAN TURKSCAP. *Lilium superbum* (3-6'). Bright reddish-orange flowers with yellow shading and purplish brown spots at the base. Native and hardy, and produces a large number of flowers. Late July and September.

25c. each. \$2.25 for 10.

CORAL LILY. *Lilium tenuifolium* (1-2'). Dazzling coral red flowers of medium size and perfect form. Fifteen or more flowers on stem.

30c. each. \$2.85 for 10.

ROSE SPECIOSUM LILY

DOUBLE TIGER LILY. *Lilium tigrinum florepleno*. Very lasting, showy, double flowers. Orange red with black spots.

25c. each. \$2.25 for 10.

GIANT TIGER LILY. *Lilium tigrinum splendens* (3-4'). Beautiful, salmon-red flowers with purplish-black spots. A strong grower. August and September.

25c. each. \$2.25 for 10.

GIFT BOX COLLECTION OF LILIES

Believing that Lily Bulbs are especially appropriate as a gift, we have made two collections of our choicest lilies and packed them in very attractive, specially designed and labeled Gift Boxes:

Collection No. 1.

1	<i>Lilium auratum</i>		\$0.50
1	"	<i>platyphyllum</i>	.65
1	"	<i>rubro-vittatum</i>	1.00
1	"	<i>speciosum album</i>	.50
1	"	<i>magnificum</i>	.50
1	"	<i>roseum</i>	.50
1	"	<i>tigrinum florepleno</i>	.25
1	"	<i>candidum</i>	.50

TOTAL VALUE \$4.40

Special price packed in our Gift Box..... \$4.25

Collection No. 2.

1	<i>Lilium browni</i>		\$1.25
1	"	<i>elegans Alice Wilson</i>	1.25
1	"	<i>regale</i>	1.00
1	"	<i>hansonii</i>	.75
1	"	<i>tenuifolium</i>	.30
1	"	<i>batemanniae</i>	.40
1	"	<i>henryi</i>	.75
1	"	<i>japonicum</i>	.60

TOTAL VALUE \$6.30

Special price packed in our Gift Box..... \$6.00

Both collections consist of high quality bulbs, yet the varieties are entirely different from each other. You may be assured that your gift will present an attractive appearance and that your friends are receiving something unusual.

FRUITS

Our list of fruits, both Tree and Small, has been selected with the idea of quality predominant. Instead of offering the smallest and cheapest grade possible, we are offering extra large trees and plants. This saves you considerable time before the bearing age is reached.

GROUP I—TREES

The varieties of Tree Fruits listed are all well suited to Maryland and neighboring conditions of soil and climate.

In choosing varieties for a home orchard two points should be kept in mind: hardiness and plentiful bearing. In planting a commercial orchard ability to stand packing and shipping is also to be considered.

Before planting the ground should be well prepared by plowing and harrowing. Following are the distances apart recommended for planting fruit trees:

Apple	30—40'
Cherry	18—20'
Peach	—20'
Pear	—20'
Plum	—20'

The following table shows the number of trees required per acre for given distances apart:

Feet apart	No. of trees
40	27
35	35
30	50
25	70
20	110
18	135

All branches should be cut back to about 4 or 5 buds from their base. This helps the young trees stand the shock of transplanting and produces a better growth next season. All broken roots should, of course, be cut off.

Fertilizing an orchard is as important as with any other crop. Well-rotted stable manure applied on top the ground after the trees are set is a good plan. Care should be taken not to let the manure touch the tree trunk as it affords shelter for mice that may girdle the tree.

Cover crops or other low-growing crops should be grown between the trees during the first four or five years. Thus the land is enriched and at the same time some financial return may be secured while the orchard is reaching bearing age.

Spraying is essential both in a small home orchard and in a commercial orchard. It eliminates insects, worms and scale, and also produces a healthier, robust tree. Our spray calender gives detailed information as to time and materials to use.

In planning an apple orchard two or three standard varieties should be selected for the mature orchard and earlier maturing varieties used as fillers. Thus a crop is secured long before the main crop reaches bearing age. Eventually the varieties used as fillers are to be cut out.

Good fillers are: Grimes Golden, York Imperial and Yellow Transparent.

Or, other fruits, such as peaches and pears, can be used as fillers. If the land is suitable it is a common practice to use peaches as fillers in a young apple orchard.

APPLE

2 yr. 11/16-1". 5-7'. \$1.00 each. \$9.00 for 10.

NORTHWESTERN GREENING. Size, large; roundish conic; green to yellow; mild sub-acid; cooking and market. Season—late August.

GRIMES GOLDEN. Size, medium, rounded, deep yellow; rich sub-acid; dessert and market. Season—late August.

JONATHAN. Size, medium or below; roundish; handsome red; spicy sub-acid; dessert and market. Season—October to January.

DELICIOUS. Size, medium to large; long conic; red; rich sub-acid; dessert and market. Season—October to January.

STAYMAN WINESAP. Size, large; roundish conic; red; sub-acid; dessert and market. Season—November to February. Highly recommended for Maryland.

YORK IMPERIAL. Size, large, chunky; red; sub-acid; cooking and market. Season—November to March.

YELLOW TRANSPARENT. Size, medium; light yellow; flavor sprightly acid; for dessert and cooking. Season—middle of July.

WILLIAMS. Size, medium to large; long conic; bright deep red; flavor, mild sub-acid; market use. Season—middle of August.

CHERRY

BLACK TARTARIAN. Size, medium to small; flesh purplish red with dark colored juice; quality very good; sweet. Quite early. Tree vigorous.
2 yr. 11/16-1". 4-5'. \$1.50 each. \$14.25 for 10.

MONTMORENCY. Size, medium; roundish; color light to rather dark red; skin thin, tender; flesh pale yellow with reddish tinge; good quality; sour. Mid-season. Very popular.
2 yr. 11/16-1". 4-5'. \$1.25 each. \$12.00 for 10.

NAPOLEON. Size, large; conical; color varying shades of bright red over a yellowish background; flesh firm, white with a faint yellow tinge with colorless juice; quality high, good canner; sweet. Matures mid-season.
2 yr. 11/16-1". 4-5'. \$1.50 each. \$14.25 for 10.

PEACH

1 yr. 9/16-11/16". 4-5'. \$.65 each. \$6.00 for 10.

BELLE. Size, medium to large; color light with a blush; flesh white; quality good and a favorite for market and dessert; freestone. Season—August 10 to 25th.

CARMAN. Large, roundish; cream colored with red blush; flesh white tender; juicy; quality good; freestone. Season—July 25 to August 10th.

ELBERTA. Large; yellow with red blush; flesh yellow, firm; quality fair; best for market; freestone. Season—August 15th to September 5th.

GREENSBORO. Large; bright red over yellow; flesh white; quality good; freestone. Season—June 15th to July 10th.

HILEY. Large; cream with red blush; flesh white; juicy; quality good; freestone. Season—August 5th to 15th.

KRUMMEL. Large; yellow, crimson blush; freestone. Season—September 10th to 25th.

SALWEY. Size, medium; yellow, sometimes faintly blushed; flesh yellow; quality good; one of the best late varieties; freestone. Season—September 15th to 30th.

PEAR

BARTLETT. Size, medium to large; clear yellow usually blushed; flesh fine-grained; juicy; quality very good. Season—August.

2 yr. 11/16-1". 5-7'. \$1.25 each. \$12.00 for 10.

KIEFFER. Large; yellow, sometimes blushed; flesh hard, coarse blight resistant; of value for market and canning. Season—October to February.

2 yr. 11/16-1". 5-7'. \$1.00 each. \$9.50 for ten.

SECKEL. Small; greenish-russet; flesh fine, tender, very good, best for pickling. Season—September.

2 yr. 11/16-1". 5-7'. \$1.25 each. \$12.00 for 10.

PLUM

2 yr. 11/16-1". 5-7'. \$1.50 each. \$13.50 for 10.

BURBANK. Medium to large; roundish conic; color, dark red on a yellow ground; thick bloom; skin thin; flesh deep yellow, juicy; good quality. A good shipper and keeper. Season—late August and early September.

REINE CLAUDE. Medium; roundish oval; color yellowish green becoming greenish yellow or golden yellow; quality very good; fruit mid-season. A good home or commercial plum.

SHROPSHIRE. Medium; oval; color purplish black; flesh golden yellow; quality good; very productive; good cooking and preserving plum. Season—September.

GROUP II—SMALL FRUITS

The varieties included in this group belong in every home garden. They are inexpensive, easy to grow and require but little room. With good average soil and moderate care they will bear abundantly.

The following table gives the proper distances for planting:

	Distance rows apart.	Distance plants apart.
Asparagus, in beds.....	1½'	1'
Asparagus, in field.....	3'	2'
Blackberries	6'	6'
Currants	4'	4'
Dewberries	4'	5'
Gooseberries	4'	4'
Grapes	8'	8'
Raspberries	4'	5'
Rhubarb	5'	3'
Strawberries, garden culture.....	2'	1'
Strawberries, field culture.....	3'	2'

ASPARAGUS

Rich, mellow land, preferably exposed to the south or east, and well drained, is the best for asparagus. A heavy top-dressing of rotted stable manure should be plowed under. The plants should be set in furrows about 6 or 7 inches deep and covered with soil a few inches deep. After they begin to grow, gradually fill in the soil until level. Frequent cultivation is essential as is heavy fertilization. A good plan is to broadcast about five bushels of salt and 300 lbs. of Nitrate of Soda to the acre in March and give a heavy top-dressing of stable manure in November.

WASHINGTON. This variety is exceedingly resistant to rust. Vigorous in growth; deep green in color with purple tinge; excellent flavor. Developed by United States Department of Agriculture.

2 yr. \$3.00 a 100. \$27.00 a 1,000.

CONCORD GRAPE

PALMETTO. The stalks vary from dark to light green, are quite large and of exceptional quality. Ten days to two weeks earlier than most other varieties.

2 yr. \$2.00 a 100. \$18.00 a 1,000.

BLACKBERRY

ELDORADO. Hardy, strong growing; fruit large, black, sweet, juicy, of good quality. One of the best for home or local use.

15c. each. \$1.35 for 10.

CURRANT

FAY. Medium; strong grower; spreading; fruit large, dark red; mild flavor; generally productive. The most extensively planted variety. Mid-season.

2 yr. 40c. each. \$3.60 for 10.

DEWBERRY

MAYES. Very early, producing its full crop in a very short time. Large to extra large fruit; flavor mild and sweet.

15c. each. \$1.35 for 10.

GOOSEBERRY

DOWNING. Strong grower, very productive; fruit large; skin thin; pulp soft, sweet, juicy; of good quality. Mid-season. Most popular of American varieties.

2 yr. 40c. each. \$3.60 for 10.

GRAPES

2 yr. 40c. each. \$3.60 for 10, except as noted.

CATAWBA. Vigorous, hardy, fairly productive; fruit very late; of medium size; excellent quality; purplish red; good keeper; standard late red variety.

CONCORD. Vigorous, hardy, productive; fruit late; black; medium size; sweet juicy; of good quality. Most popular American variety.

2 yr. 30c. each. \$2.70 for 10.

DELAWARE. Bunches small; compact, shouldered; berries rather small, round, skin thin; light red; flesh juicy with an exceedingly sweet and delicious flavor. Early.

MOORE EARLY. Medium strong, usually productive; fruit large; purplish black of fair quality; standard early black grape.

NIAGARA. Vigorous, medium hardy, productive; fruit large; greenish yellow; of good quality. Most popular green grape. Ripens with Concord.

RASPBERRY

15c. each. \$1.35 for 10.

CUTHBERT. The standard late variety; productive; fruit large, dull red; good quality and good shipper.

GREGG. The standard late black variety. Productive of medium large handsome berries of good quality. Most widely planted black raspberry.

ST. REGIS. An early long season variety producing a crop of red berries in early summer and continuing to fruit during summer and fall.

RHUBARB

MYATTS LINNEAUS. Large, early, tender and fine.

2 yr. 20c. each. \$1.80 for 10.

STRAWBERRY

Any good fertile garden soil will grow good strawberries. A soil that retains moisture, yet is not water-logged, is ideal. Thorough plowing and harrowing is necessary. Stable manure is the best fertilizer and should be disced into the ground before the plants are set.

Early spring is the best time to set the plants, just as soon as the ground can be worked.

The plants should be set with crown at the surface of the ground and the roots spread out.

Perfect varieties mature a crop alone, but when an imperfect variety is selected usually every sixth row should be planted to one of the perfect varieties.

GREGG RASPBERRY

Mulches of coarse manure or straw applied in the fall should be raked to the center of the rows in the spring. It retards weeds, preserves moisture and keeps the berries clean.

CHESAPEAKE (perfect). Makes strong productive plants. Berries late; large attractive; of fine quality; a good shipper; home or market, one of the best.

50c. for 25. \$1.50 per 100. \$12.00 per 1,000.

GLEN MARY (perfect). Medium plant maker; healthy, productive of large medium-quality berries; mid-season; popular market variety.

35c. for 25. \$1.00 per 100. \$8.00 per 1,000.

KLONDIKE (perfect). An early variety. One of the best market berries. Good plant maker; productive of large dark red berries; of good quality. For market.

30c. for 25. 90c. per 100. \$7.20 per 1,000.

MISSIONARY (perfect). Early variety, especially adapted to Southern States. Moderately productive; large size; strong, hardy grower.

30c. for 25. 90c. per 100. \$7.20 per 1,000.

PREMIER (perfect). Good plant maker, productive Large red berries; early; good commercial variety.

35c. for 25. \$1.00 per 100. \$8.00 per 1,000.

PROGRESSIVE (perfect). The best known everbearing strawberry. Medium plant maker; berries medium; dark crimson, flesh firm; early.

55c. for 25. \$1.75 per 100. \$14.00 per 1,000.

EVERBEARING STRAWBERRY

BOLGIANO'S SPRAY CALENDAR

What to Spray.	Diseases and Insects.	Material to Use.	Quantities to Use.	When to Spray.
Apple	San Jose Scale.....	Lime Sulphur Solution or BTS.	6 gals. to 50 gals. of water. 12 lbs. to 50 gals. of water.	During dormant period, late winter or early spring, before foliage begins to grow.
	Bud Moth and Case Bearers.	Arsenate of Lead...	Paste form 3 lbs. or powder form 1½ lb. to 50 gals. of Lime Sulphur Solution.	Just as the leaf buds are beginning to swell, preparatory to opening.
	Green and Rosy Aphis.	Nicotine or Black Leaf 40.	¾ pt. to 50 gals. of water.	Early spring, when leaf buds show green at tips. Can be used in lime sulphur spray, if used cautiously, before leaf buds open.
	Woolly Aphis.....	Nicotine or Black Leaf 40.	½ pt. to 50 gals. of water.	Autumn is usually the best time on roots. Remove soil for several feet. Spray roots thoroughly, also spray infested parts on tops thoroughly.
	Leaf Hopper, Red and Green Bugs.	Nicotine or Black Leaf 40.	¾ pt. to 50 gals. of water.	When the blossoms show pink, and again when the blossoms are about two-thirds gone.
	Scab, Leaf Spot, Cedar Rust, Curculio, Canker Worm.	Lime Sulphur Solution or BTS. and Arsenate of Lead.	1½ gals. Lime Sulphur or 3 lbs. BTS. 2½ lbs. Arsenate of Lead Paste or 1¼ lbs. Powder to 50 gals. of water.	When the cluster buds open and begin to show pink on varieties subject to scab and cedar rust. Atomic Sulphur, 7 lbs. to 50 gals. of water is recommended in place of lime and sulphur.
	Coddling Moth and Scab.	Same as used for Scab Leaf Spot, etc.	Same as used for Scab Leaf Spot, etc.	As soon as the white bloom petals fall. Repeat three weeks later and again about nine weeks after the petals fall.
Peach and Plum...	Bitter Rot	Bordeaux Mixture and Arsenate of Lead.	11 lbs. paste or 4¾ lbs. powder. 2½ lbs. paste or 1¼ lbs. powder to 50 gals. of water.	About nine weeks after the petals fall. Repeat in two weeks and again two weeks later.
	Apple Blotch.....	Same as Bitter Rot..	Same as Bitter Rot..	About three weeks after the white petals fall. Just before the calyx closes.
	San Jose Scale and Peach Leaf Curl.	Lime Sulphur Solution or BTS.	6 gals. or 12 lbs. to 50 gals. water.	From three to six weeks before the trees bloom.
Peach and Plum...	Terrapin Scale.....	Scalescide	3½ gals. to 50 gals. water.	Where Terrapin Scale is prevalent, this spray is recommended in place of lime sulphur, as it will control San Jose Scale and Peach Leaf Curl, also.
	Curculio, Scab and Brown Rot. First application.	Arsenate of Lead and Lime.	1½ lb. paste or ¾ lb. powder. 4 lbs. Lime slacked into a milk, to 50 gals. water.	This is used as a dormant spray, about three to six weeks before the trees bloom. On peaches apply ten days after the petals fall. On plums apply as soon as the petals fall.
	Second application..	Add Atomic Sulphur to above.	5 lbs. to 50 gals. of water.	Three weeks after the first spraying.
	Third application....	Same as second.....	Same as second.....	One month before the fruit ripens.
Pear and Quince...	San Jose Scale, Pear Psylla and Pear Leaf, Blister Mite.	Lime Sulphur or BTS.	6 gals. or 12 lbs. to 50 gals. water.	When the blossom cluster buds begin to separate. If the Psylla and Blister Mite are not present, the application may be made earlier.
	Coddling Moth, Scab, Leaf Spot, etc.	Bordeaux Arsenate of Lead.	5 lbs. powder or 12 lbs. paste to 50 gals. water.	As soon as the petals fall. Repeat three weeks later.
Cherry	Curculio, Slug, Leaf Spot and Brown Rot.	Lime Sulphur or BTS. and Arsenate of Lead.	1¼ gals. or 3 lbs. and 2 lbs. to 50 gals. water.	When the first leaves come out, just before the blossoms open. Repeat as soon as the petals fall. Repeat again two weeks later and again, immediately after picking the crop.
Grape	Black Rot, Mildew, Root Worm, Berry Moth, etc.	Bordeaux Lead.....	6½ lbs. powder or 15½ lbs. paste to 50 gals. water.	After the shoots push out, just before blooming. Repeat as soon as the blossoms fall; again two weeks later, and again two weeks later.
Raspberries, Blackberries, Currants and Gooseberries.	Orange Rust, Anthracnose, Cane Blight, Leaf Spot and Leaf Eating Insects.	Cut and burn all diseased plants. Bordeaux Lead.	6½ lbs. powder or 15½ lbs. paste to 50 gals. water.	When the foliage comes out, before the blooms open. Repeat as soon as the fruit has set, repeat again in ten days or two weeks.
	Powdery Mildew....	Lime Sulphur or BTS.	6 gals. or 12 lbs. to 50 gals. water.	When the bushes are dormant, before the buds begin to open. When this disease is troublesome use 1½ gals. Lime Sulphur or 3 lbs. BTS. to 50 gals. water in place of Bordeaux. When spraying for Orange Rust and Anthracnose as directed above.
Asparagus	Beetle	Arsenate of Zinc....	2 lbs. to 50 gals. of water.	Allow a few stalks to grow and branch out. The beetle will collect on these stalks. Spray these stalks once a week until the beetle disappears. The other growth can be kept cut for table or market.
	Rust	Atomic Sulphur....	7 lbs. to 50 gals. of water.	Three weeks after cutting is finished. Repeat every three weeks until late fall, then all growth should be cut off and burned.
Strawberry	Leaf Spot.....	Bordeaux	3½ lbs. powder or 8 lbs. paste to 50 gals. of water.	Apply just before blooming. Repeat in about twenty days.
Shade Trees and Ornamental Shrubs.	Caterpillars and other leaf eating insects.	Arsenate of Lead Powder.	1½ to 2½ lbs. to 50 gals. water.	When they appear and repeat when necessary. When leaf diseases are troublesome add 1½ gals. Lime Sulphur Solution to 50 gals. spray.

Analyzed as
to Purity

Druid Hill Park Velvet Green Lawn Grass Seed

Tested as to
Germination

Absolutely the best Lawn Seed Experience Can Suggest or that Money can Buy. Will Produce a Beautiful and Permanent Lawn in Four to Six Weeks

Bolgiano's Druid Hill Park Lawn Grass

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed, from yearly comparative trials, has proven to be unsurpassed for first-class and permanent results. This is due to the fact that we use only the very finest varieties of most suitable grasses, thoroughly re-cleaned, free from all chaff and weed seeds.

Bolgiano's Druid Hill Park Velvet Green Lawn Grass Seed contains a well-balanced blend of various American and foreign fine bladed and deeply rooting grasses which has proved to produce the very best results under the varied conditions as to soil and climate met with in America.

One pound will sow 10x20 feet, 20 pounds will sow 50x150 feet, 60 pounds will sow an acre. 30 pounds measure one bushel. $\frac{1}{2}$ lb. 25c. Lb. 40c. 3 lbs. \$1.15. 5 lbs. \$1.80. Bu. of 30 lbs. \$10.00. Postage extra.

Shady Nook Lawn Grass Mixture

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our Druid Hill Park Green Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. $\frac{1}{2}$ lb. 25c. Lb. 40c. 3 lbs. \$1.15. 5 lbs. \$1.80. Bu. of 30 lbs. \$10.00. Postage extra.

Bolgiano's Permanent Terrace and Slope Mixture

Realizing the difficulty experienced by the majority of lawn makers in getting a thick turf which will hold the soil on terraces and high slopes and prevent washing by heavy rains, we have after much experimenting established a mixture which admirably fills this need.

This mixture has been carefully blended so as to contain various grasses of rapid, dense, even growth and strong root systems, which will insure a permanent, beautiful slope. $\frac{1}{2}$ lb. 30c. Lb. 50c. 3 lbs. \$1.45. 5 lbs. \$2.30. 25 lbs. \$11.00. Postage extra.

Sandy Soil Lawn Grass

A carefully blended mixture of fine bladed grasses, that will produce a permanent and beautiful lawn on the lightest and most sandy soils. Seed one pound to 200 sq. ft. $\frac{1}{2}$ lb. 25c. Lb. 40c. 5 lbs. \$1.90. 10 lbs. \$3.50. Postage extra.

White Dutch Clover

This is the best Clover for lawns, as it forms a close herbage and remains green throughout the season. $\frac{1}{4}$ lb. 25c. $\frac{1}{2}$ lbs. 40c. Lb. 75c. Postage extra.

Pulverized Sheep Manure for Lawns

This is without exception the very best dressing for lawns. 5 lbs. 30c. 10 lbs. 50c. 25 lbs. \$1.00. 100 lbs. \$3.00. 500 lbs. \$12.50. 2,000-lb. (in 100-lb. bags) ton \$45.00. F. O. B. Baltimore.

Bolgiano's Bone Lawn Fertilizer

It should be sown broadcast early in the Spring or late Fall, 25 pounds to 300 square feet or 2,000 pounds to the acre. 5 lbs. 30c. 10 lbs. 50c. 25 lbs. \$1.25. 50 lbs. \$2.00. 100 lbs. \$3.50. 500 lbs. \$16.50. 1,000 lbs. \$31.50. 2,000 lbs. \$60.00. F. O. B. Baltimore.

Bolgiano's Lawn Lime

It can be applied in early Spring or late Fall. Sow broadcast 25 pounds to 300 square feet or 2,000 pounds to the acre. Price per 5 lbs. 20c. 10 lbs. 30c. 25 lbs. 60c. 50 lbs. \$1.00. 100 lbs. \$1.75. 1,000 lbs. \$11.50. Prices F. O. B. Baltimore.

**FOR BEST RESULTS FROM FALL SEEDING,
LAWNS SHOULD BE SEED FROM
AUGUST 1 TO OCTOBER 10**

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Ampelopsis tricuspidata	34	Hedera helix	34	Platanus orientalis	23
Apple	42, 43	Hemlock, Canada	24	Plum	43
Arborvitae, American	27	Hibiscus syriacus boule de feu	31	Poplar, Lombardy	23
Arborvitae, American Globe	27	Hibiscus syriacus paeoniflora	31	Populus nigra italica	23
Arborvitae, American Pyramidal	27	Hibiscus syriacus snowstorm	31	Privet, California	28
Arborvitae, Berckmans Golden	27	Honeysuckle, Hall Japanese	34	Privet, Regel	28
Arborvitae, Oriental	27	Honeysuckle, Morrow	28	Quercus palustris	23
Ash, White	23	Honeysuckle, Red Tartarian	30	Quercus rubra	23
Asparagus	44	Hyacinth	14	Quince, Flowering	30
Barberry, Japanese	27	Hyacinth Glasses	4	Raspberry	45
Berberis thunbergi	27	Hydrangea arborecens grandiflora	28	Redbud, American	24
Blackberry	44	Hydrangea paniculata grandiflora	28	Redcedar	24
Bleeding Heart	35	Hydrangea, Peegee	28	Retinospora, Plume	24
Bolzano's Perennial Border	39	Hydrangea, Snowhill	28	Retinospora, Thread	24
Box, Common	27	Hypericum moserianum	28	Rhododendron maximum	28
Box, Truedwarf	31	Iris, Dwarf-bearded	36	Rhododendron, Rosebay	28
Boxelder	23	Iris, German	36, 37	Rhubarb	45
Buddleia davidi magnifica	30	Iris, Gift Box Collection	37	Rosa rugosa alba	28
Bulb Bowls	15	Iris, Japanese	37	Rosa rugosa rosea	28
Bulb Fibre	10	Iris kaempferi	37	Rose, Pink Rugosa	28
Butterflybush, Oxeye	30	Iris pumila	36	Rose, White Rugosa	28
Buxus sempervirens	27	Iris, Siberian	37	Roses, bush	33
Buxus sempervirens suffruticosa	31	Iris, siberica	37	Roses, climbers	34
Calla Lilies	18	Ivy, English	34	Salix babylonica	24
Catalpa bignoniodes nana	24	Ixia	16	Scilla	17
Catalpa, Umbrella	24	Juniper, Pfitzer	28	Shrub-althea	31
Cercis canadensis	24	Juniperus chinensis pfitzeriana	28	Shrub-althea Boule de Feu	31
Chamaecyparis pisifera filifera	24	Juniperus virginiana	24	Shrub-althea Paeoniflora	31
Chamaecyparis pisifera plumosa	24	Kalmia latifolia	28	Shrub-althea Snowstorm	31
Cherry	43	Ligustrum ibota regelianum	28	Snowball, Japanese	28
Chinese Sacred Lilies	15	Ligustrum ovalifolium	28	Snowberry, Common	29
Chionodoxa	16	Lilac, Common	31	Snowdrop	18
Chrysanthemum Common	35	Lilac, Common White	31	Spirea, Anthony Waterer	29
Chrysanthemum hortorum	35	Lilium	40, 41	Spirea bumulda Anthony Waterer	29
Clematis paniculata	34	Lily, Gift Box Collection	41	Spirea, Thunburg	29
Clematis, Sweet Autumn	34	Lilies, Hardy	40, 41	Spirea thunbergi	29
Convallaria majalis	37	Lily-of-the-Valley	37	Spirea, Vanhoutte	29
Coralberry	27	Linden, American	23	Spirea vanhouttei	29
Cornus florida	24	Liriodendron tulipifera	23	Spruce, Norway	24
Cornus paniculata	27	Lonicera japonica halliana	34	Strawberry	45
Cornus stolonifera	30	Lonicera morrowi	28	Symphoricarpus racemosus	29
Cranberrybush, European	27	Lonicera tartarica siberica	30	Symphoricarpus vulgaris	27
Creeper, Japanese	34	Maple, Norway	23	Syringa vulgaris	31
Creeper, Virginia	34	Maple, Sugar	23	Syringa vulgaris alba	31
Crocus	16	Mockorange, Sweet	31	Thuja occidentalis	27
Currant	44	Mountain-laurel	28	Thuja occidentalis globosa	27
Cydonia japonica	30	Muscari	17	Thuja occidentalis pyramidalis	27
Deutzia gracilis	27	Narcissi	12-15	Thuja orientalis	27
Deutzia, Pride of Rochester	30	Ninebark, Common	28	Thuja orientalis aurea nana	27
Deutzia scabra Pride of Rochester	30	Oak, Common Red	23	Tilia americana	23
Deutzia, Slender	27	Oak, Pin	23	Tsuga canadensis	24
Dewberry	44	Pachysandra, Japanese	28	Tulips	5-11
Dielytra spectabilis	35	Pachysandra terminalis	28	Tuliptree	23
Dogwood, Flowering	24	Paeonia	38	Ulmus americana	23
Dogwood, Gray	27	Peach	43	Viburnum opulus	27
Dogwood, Red-osier	30	Pear	43	Viburnum tomentosum plicatum	28
Elm, American	23	Pebbles	10	Weigela, Pink	29
Euonymus radicans	29	Peony, Common	38	Weigela rosea	29
Forsythia, Border	27	Philadelphus coronarius	31	Weeping Willow, Babylon	24
Forsythia intermedia	27	Phlox, Garden	38	Wintercreeper	29
Forsythia suspensa	30	Phlox glaberrima suffruticosa	38	Wisteria, Chinese	34
Forsythia, Weeping	30	Phlox paniculata	38	Wisteria sinensis	34
Fraxinus americana	23				

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BIRD CAGES AND SUPPLIES

BIRD SEEDS

Square Deal Mixed Canary Bird Seed: For best results the seed fed to Canary Birds must be of the very best quality properly mixed in the right proportions and not too fattening. The proper seeds for Canary Birds are Canary Seed, Sweet Rape seed and Millet seeds. Hemp seed should be fed sparingly to singing birds as it is very fattening and tends to ruin their voices and spoil their stomachs.

Our Canary Bird food is mixed with the greatest care; we are at all times very careful not to let musty and spoiled seeds get into our products and only sound and thoroughly recleaned seeds are used.

About once every ten days or two weeks a little lettuce or a small piece of apple may be given the Canary, but never feed candy, sugar cake or sweetmeats to your bird as bad results are sure to follow such feeding.

BIRD GRAVEL

Square Deal Bird Gravel is the best that money can buy or experience suggest. It is refined thoroughly screened and washed and prepared expressly for canaries and other birds.

A liberal use of gravel in the cages is necessary for the health of all birds. It prevents sore feet and aids their digestion and also helps to keep the bottom of the cages in sanitary condition. For best results cages should be cleaned daily. Never use sea sand or ordinary bank sand for your cages as the impurities found in this kind of sand is, after a time, harmful to the birds.

BIRD CAGES

Style 330. Best quality natural bamboo with black lacquered base, decorated with hand-painted scenic design in gold. Complete with Seed cups, a removable black lacquered tin tray and a 3-inch wire screen around inside of cage to keep seed or gravel from falling out. Three sizes 18x13-inch, 16x12-inch and 14x11-inch. Wrought iron stand 6 feet high, finished in black with a small spray of metal flowers with petals and leaves edged in gold.

STYLE 330

Style 2000. Mandarin Cage and Stand are made of solid dull finished brass throughout. The body of cage is 17½ inches high and 9¾ inches wide. Opal glass cups are inside the cage and are easily removed by lifting sliding covers. The cage and stand together is 5 feet 10½ inches high.

Style 6005. Brass Globe cage of close spaced spring wires, polished brass base and brass wire guard. The body is 15 inches in diameter and 19½ inches high. The stand has an adjustable arch, polished plate glass disc and is 6 feet 4 inches high.

Style 2010. Fancy dull finished brass cage with spring brass wires and brass wire guard. Top, rails, cup guards and base finished in dull black. The stand is 6 feet high. The upright is of heavy brass tubing and the arch is of solid brass.

Style 1400. This new cage is made of Pyralin. It is solid, smooth and absolutely sanitary. The colors are permanent and are to be had in combinations green and white, black and white, orange and black, and white and black. The cage is 10½ inches in diameter, 17¼ inches high and the stand is 5 feet 4 inches high.

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THE J. BOLGIANO SEED COMPANY

LIGHT AND PRATT STREETS

BALTIMORE, MD.

STYLE 2000

STYLE 6005

STYLE 2010

STYLE 1400

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