

## **Historic, Archive Document**

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*Rose*  
**DIRECT from GROWER to PLANTER-NO AGENTS**



SINGLE  
TULIPS

Lyon  
Rose

CROCUS  
IN THE LAWN

**Routledge  
SEED & FLORAL CO.**  
169-171 2<sup>ND</sup> ST. PORTLAND, ORE.

# READ ALL ON THIS PAGE CAREFULLY

IT'S NEW COPY AND MEANS MUCH TO US AND MORE TO YOU.



NOTE—WE PREPAY CHARGES IN THE STATES WEST OF THE ROCKY MOUNTAINS ONLY.

## About Prepaying Charges

**BY PARCEL POST OR MAIL ONLY.**

We will, at prices printed in this catalog, send by prepaid Parcel Post right to your gate, all flowering Bulbs, Plants, Roses (Tree Roses excepted), small Fruit, Ornamental or Flowering Shrubs, Vines, Plants or Roots.

**BY EXPRESS OR FREIGHT PREPAID**

Plants in pots, large branching shrubs, Evergreens of all kinds, that must be balled in earth, Tree Roses, Fruit and Shade Trees, over one year old and taller than three foot **CAN NOT BE SENT BY PARCEL POST** safely. **BUT** if your order includes these larger stocks and **AMOUNTS TO \$3.50 OR MORE**, we will send **CHARGES PREPAID TO YOUR NEAREST EXPRESS OR FREIGHT OFFICE.**

Note.—We **RESERVE THE RIGHT** to send part or all of any order, on which we **PREPAY CHARGES** by mail, express or freight, i. e., whichever way we find is best and cheapest.

**BUT CONSIDER THIS—IF YOU PAY CHARGES**

If your order is mostly made up of large two or three-year-old branched Fruit or Shade Trees or Specimen Plants of Evergreens, or Shrubs for **IMMEDIATE EFFECT**, such as we use for our local city trade and **YOU ARE WILLING TO PAY THE FREIGHT CHARGES** yourself to get **EXTRA VALUE IN THE LARGEST AND CHOICEST STOCK OBTAINABLE**, **INSRUCT US TO THIS EFFECT** AND **WE ARE SURE YOU WILL BE MORE THAN PLEASED AND WELL SATISFIED.**

**ACKNOWLEDGEMENT AND NOTICES:** We acknowledge all orders the day they are received and notify you by card or letter the day they are shipped so you will know **just when** to expect them. It generally takes from one to three days to get orders out, depending on the class of stock ordered.

**REPORTS—GOOD OR BAD:** Will you help us to attain greater success by writing and telling us how our Seeds, Plants and Trees reach you, how they grow and **how you like them?** We will certainly appreciate it. Your criticisms, if you have any, as well as your praises are desired.

**OUR GUARANTEE:** We guarantee all Seed, Plants, Bulbs and Nursery Stock true to name and will replace free, (with stock of the original value only) any that may through some unavoidable error, prove otherwise.

We guarantee all stocks to reach our customer in firstclass, live, growing condition, but further than this, we give no warranty, impress or implied, that it will grow and thrive. Any fair-minded person knows that its success thereafter, is dependent on soil, weather, care and other conditions **over which we have no control.** All orders filled subject to above conditions only.

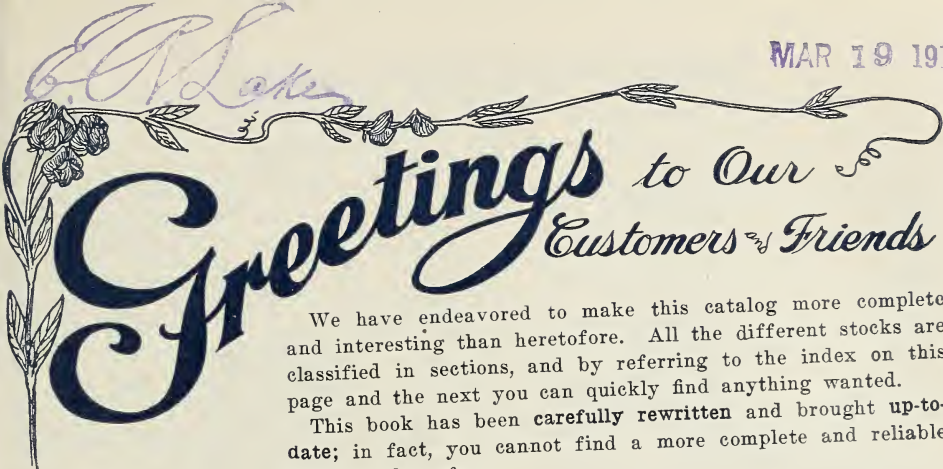
**MISTAKES:** These will happen occasionally, in spite of all care. Write us at once, with copy of original order, if possible, and mistakes will be promptly rectified.

**LARGE ORDERS:** Any Gardener, Institution or Individual wishing seeds, plants, trees, or supplies in large quantities, is requested to mail a list of what is wanted, stating grade and size, and we will promptly return it with our very lowest prices. A letter of inquiry may save you dollars if **you want to buy in QUANTITY**, or some **PARTICULAR STOCKS.**

**ROUTLEDGE SEED & FLORAL COMPANY.**

**CERTIFIED—STRONG, HEALTHY, CLEAN NURSERY STOCK—CERTIFIED**

All Nursery Stock will bear a certificate from the Oregon State Department of Agriculture, showing that it is free from insect pests and disease and that our methods of growing and handling stocks are good.



# Greetings to Our Customers & Friends

We have endeavored to make this catalog more complete and interesting than heretofore. All the different stocks are classified in sections, and by referring to the index on this page and the next you can quickly find anything wanted.

This book has been carefully rewritten and brought up-to-date; in fact, you cannot find a more complete and reliable guide to buy from.

THANKS TO UNCLE SAM.—We are now permitted to send Shrubs, Plants and Bulbs through the mail at the new Parcel Post rates, therefore, we have decided to do away with all agents and traveling salesmen and do a direct mail order business, with our customers. This enables us to give you direct and personal attention, quick service and lower prices. You get the benefit of the agent's commission.

HEREAFTER, OUR CATALOGS will be our salesmen, "Our Silent Salesman," if you please, yet while they are silent, quiet and unassuming, they will be full of the reliable and up-to-date information that will enable you, in place of the agent, to select just such stocks as you desire and need. Our catalogs will not, like many agents, misrepresent or try to force you to buy something you really do not want.

THEREFORE, WE SUGGEST that you give this catalog a careful reading, select just what you want and send your order direct to us. It will have our best and most careful attention, whether it be large or small.

IF THERE IS ANY INFORMATION or advice that you wish, we will be glad to serve you to the best of our ability. Twenty years' practical experience on this coast enables us to serve you intelligently.

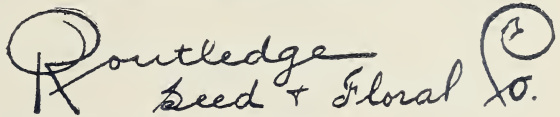
Yours for Highest Quality.

**SEED STORE.**

169-171 2nd St., near Morrison.

**CITY TREE YARD,**

Corner Fourth and Madison Sts.



Routledge  
Seed & Floral Co.

**IMPORTERS, GROWERS AND DEALERS.**

Plants, Bulbs, Nursery Stock, Seeds, Poultry and Garden Supplies.

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## -- Testimonials --

Snohomish, Wash., March 22, 1914.

Routledge Seed & Floral Co.

Gentlemen: The Hyacinths are the most beautiful ones I ever had. It is almost impossible to keep the people from picking them. I thank you so much for the seeds you were kind enough to give me.

Yours truly,

MRS. OTTILIE McDONALD.

Medical Lake, Wash., Jan. 5, 1914.

Routledge Seed & Floral Co.

Dear Sirs: I got the lilies all right. They were the largest and best that I have ever had and I have been buying bulbs for the last 20 years. I shall want some Roses in the spring.

Yours truly,

F. M. LANGLEY.

Los Angeles, Cal., Feb. 26, 1914.

Routledge Seed & Floral Co.

Gentlemen: Tigridia bulbs arrived today. Thank you for courteous attention to a small order.

Yours truly,

CHAS. E. BROWN.

Sutherlin, Ore., May 4, 1914.

Routledge Seed & Floral Co.

Gentlemen: I was delighted with my first order to you, and enclosed find 65 cents for another.

Yours truly,

MRS. C. W. HARTLEY.

Los Gatos, Cal., Jan. 15, 1914.

Routledge Seed & Floral Co.

Dear Sirs: Just a line to state that the shipment come through in fine shape and is very satisfactory.

GEM NURSERY.

South Bend, Wash., March 5, 1914.

Routledge Seed & Floral Co.

Gentlemen: Please send me a few order blanks, as I handed a friend your catalog and they are going to send you an order, and I have used the blank. Last spring I sent you an order and was so well pleased that I am sending you another larger than the first.

Very truly yours,

MRS. CHAS. M. HERMAN.

# BEAUTIFUL FLOWERS FOR HOUSE, EASILY GROWN

## Planting Bulbs in Pots.

The most fascinating, desirable and easiest flower to grow in pots for winter blooms inside or early spring flowers in the yard. You'll be successful if you follow our suggestions.

We supply Flower  
Pots, Good earth,  
also Fancy Jar-  
diniers.



**Watch the Transformation.**  
"from brown bulbs into beautiful flowering plants."



Get a dozen inexpensive Bulb pans or pots, fill with rich sandy loam, and plant one to three bulbs in each. Pots are better than boxes for inside.

Our pamphlet "how to do it" free.

You can grow Hyacinths in vases or dishes of water.

### Making the Roots Grow.

After planting, wet well and set away in a cool, dark cellar or closet for four to six weeks to make the roots grow. Good roots are very necessary to produce choice blooms.

After the bulbs have made good roots, bring up two or three pots at a time, and set in a warm, sunny window to produce top growth. Water well with lukewarm water and don't let them dry out. Insects do not trouble flowering bulbs.

### They Beautify Your Home.



Don't let them  
get dry.



When in bud or flower they make the most desirable plants for table or parlor decorations.

They are cheerful, bright and fragrant and last well. A good assortment will produce continuous blooms from Christmas to May.

If you leave the buds in the light, the tops grow before the roots, thereby making poor flowers.

## Why Not Have Beautiful Flowers on the Veranda?

Fill your porch boxes and vases with Tulips, Hyacinths, or Narcissus. They will be through blooming in time to set Geraniums and summer flowering plants.

Plant Crocus here and there over the lawn. They are very pretty and effective.

Dutch Bulbs bloom early when other flowers are scarce. Plant a bed of the brilliant and beautiful Tulips this fall.

**Cultural Directions for Outdoor Planting Free with Every Order.**

## BEAUTIFUL FLOWERING BULBS

No appeal should be necessary for the more extensive planting of flowering bulbs, for of all plants used for the decoration of our houses and gardens, they are the most beautiful and easiest to grow, perfectly hardy and free of insect pests.

To the amateur, who is usually a person with limited time, often with limited means, and still oftener limited accommodations, bulbs should especially appeal, for by the expenditure of a few dollars and no more accommodations than a window box or a few pots afford, it is possible to have bright flowers the whole winter long.

### Cultural Directions Free With Each Bulb Order

#### HYACINTHS

The Hyacinth is one of the most popular and beautiful spring flowering plants for indoor and outdoor decorations. By careful management in keeping up a succession, they may be had in flower from the beginning of winter to the end of May. For a spring display in the open ground they are unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height and bloom at the same time. We furnish very large numbers for this purpose to public parks and cemeteries, and we shall be pleased to recommend to any one suitable sorts, when desired.



Single Hyacinth

#### MIXED BEDDING HYACINTHS

##### For Indoor and Outdoor Planting.

Our mixed Hyacinths are of the largest size, and should not be compared with cheap mixtures offered elsewhere. The variety of colors we offer is so extensive that beautiful effects may be produced with them.

Great care has been given to the selection of varieties used for each mixture so as to produce their flowers all at one time and at the same height.

We recommend single Hyacinths as the best and most satisfactory.

##### SINGLE OR DOUBLE.

Rose and Pink.  
Red, all shades.  
Dark Red.  
Pure White.  
Blush-White.  
White, all shades.  
Dark Blue.  
Light Blue.  
Yellow or  
All Colors, mixed.  
Prices: Each, 6c; doz., 60c; 100, \$4.

#### Grape Hyacinths.

A splendid flower for the grass, hardy border, in clumps between shrubs and open bedding. They are so inexpensive that they may be grown in masses, when they produce the best effect. Are also frequently grown in pots for winter flowering and are pretty and interesting.

White or Blue, Doz., 25c; 100, \$1.50.

#### Colored Plate.

We have received from Holland a set of handsome hand-painted pictures (110) in natural colors that will help you in the selection of your bulbs. On display at our salesroom.



## SELECT SINGLE-NAMED HYACINTHS

Our selected named Hyacinths are the cream of the Holland nurseries, and are offered under their original names. For forcing in pots or for outdoor beds they are unsurpassed.

**Note**—The single-flowered varieties are generally more effective and better for forcing than the double ones.

### PRICES

**MAMMOTH BULBS** ..... Each, 15c; dozen, \$1.50  
**LARGE FIRST PRIZE BULBS**.. Each, 10c; dozen, \$1.00

### PRICES

#### Single White

**ALBERTINE.** Pure white; early. One of the best for forcing.

**BARONESS VAN THUYLL.** Pure white, splendid for forcing and bedding.

**GRAND VEDETTE.** Pure white, very fine for early forcing; very desirable.

**GRANDEUR A MERVEILLE.** Lovely bluish white, the best of its color; very large spikes.

**LA FRANCHISE.** Waxy white; large bells; fine bedder.

**LA GRANDESSE.** Extra fine snow white, large spikes of fine formed bells; a grand exhibition variety.

**L'INNOCENCE.** One of the earliest; pure white; fine for forcing.

**MADAM VAN DER HOOP.** Pure white. We believe this is the best white for general planting; flowers large and handsome; erect habit.

**MONT BLANC.** Snowy white; compact truss.

**VOLTAIRE.** Creamy bluish-white; large spikes.

#### Single Yellow

**DUC DE MALAKOFF.** Orange yellow.

**IDA.** Pure primrose yellow; large spike; early.

**KING OF THE YELLOWS.** Deep golden yellow; handsome spike; late.

**SONORA.** Buff; early; large truss.

**YELLOW HAMMER.** Golden yellow, extra fine flower.

#### Single Red and Pink

**GARIBALDI.** Glowing crimson; very early.

**GERTRUDE.** Fine rosy pink; excellent sort for forcing or bedding; flowers large.

**GIGANTHEA.** Fine bluish pink; giant; compact spike; a popular sort among gardeners.

**LORD MACAULAY.** Deep carmine pink, white eye; large, compact spike.

**MORENO.** Extra fine pink, very large spikes and bells; forces easily. Highly recommended.

**ROBERT STEIGER.** Deep red, tall, good spike; popular variety.

**ROI-DES BELGES.** Bright scarlet, compact spike; splendid bedder; early.

#### Single Blue

**CZAR PETER.** Light porcelain blue; an exquisite shade.

**GRAND LILAS.** Extra fine porcelain blue; grand large spikes and bells; forces easily.

**GRAND MAITRE.** Deep porcelain blue; spikes large and handsome; very desirable.

**JOHAN.** Pale blue, large bells; splendid, compact spike; extra, new.

**KING OF BLUES.** Deep glossy blue; large compact spikes. The finest dark blue Hyacinth in cultivation.

**MARIE.** Darkest blue; very fine spike.

**PRINCE OF WALES.** Violet blue, white eye; a striking variety.

**QUEEN OF THE BLUES.** Beautiful azure blue; large bells, handsome truss; late.

## SELECT DOUBLE-NAMED HYACINTHS

The following are especially recommended by our Holland growers as being the very choicest double sorts.. **PRICES, EACH, 15c; DOZEN, \$1.50.**

#### Double White

**ANNA MARIA.** White, fine flower.

**ISABELLA.** Large bells, bluish; very fine.

**LA GRANDESSE.** The double form of the well-known single white variety; very showy.

**LA VIRGINITE.** Blush, violet eye.

**MISS NIGHTINGALE.** Pure white.

**PRINCESS METTERNICH.** Blush white.

#### Double Yellow

**GOEHE.** Light yellow.

**JAUNE SUPREME.** Dark yellow.

**SUNFLOWER.** Buff; very desirable.

#### Double Red and Rose

**BOUQUET ROYAL.** Rose; good spike.

**BOUQUET TENDRE.** Red; popular sort.

**LORD WELLINGTON.** Pink; early.

**PRINCESS ALEXANDRA.** Early, large, red.

#### Double Blue

**BLOKSBERG.** Light blue.

**DELICATA.** Fine delicate porcelain; handsome bells.

**GENERAL KOHLER.** Bright blue; extra.

**OTHELLO.** Dark blue; excellent flower.

## MINIATURE OR DUTCH ROMAN HYACINTHS

These little single Dutch Hyacinths are excellent for growing in pots, earthen pans or boxes. They bloom early and freely. Plant from six to twelve bulbs in a shallow pot or pan and give them the same care and attention as other hyacinths. They can be planted close together in beds out of doors, producing a charming effect.

**All Colors—Mixed** ..... Each, 5c; doz., 40c; 100, \$3.00

**Separate Colors—Red, Pink, Pure White, Blush-White or Blue**... Each, 5c; doz., 50c; 100, \$3.50



## HYACINTHS

### FRENCH ROMAN OR CHRISTMAS.

Slender and graceful, about one-half the diameter of ordinary Hyacinths, these French Romans are the earliest bloomers of all fall bulbs, and may be readily grown by the most inexperienced in pots of soil or in water and pebbles.

Each bulb produces several very graceful flower spikes. The delicious perfume, earliness and profusion of bloom have made Roman Hyacinths exceedingly popular. They are so easily grown and so early that if potted early they can be brought into flower in November and December, and a succession can be had in bloom throughout the winter and early spring. For cutting purposes the Roman Hyacinth is one of the finest bulbs grown.

Plant six bulbs in a 6-inch pot, water well and set away in cool, dark place for four to six weeks, then bring into a light, warm room, keep well watered, and they will make quick growth and bloom profusely.

If you only knew how nice these are you would want a dozen pots of them. They can also be planted out of doors. If you do not care to force them, plant in the garden, and when in bud and bloom, dig up, bulbs and all, and place in pots or dishes for table decoration. They will last for several weeks. Roman Hyacinths are imported by the million from France. Plant lots of them, they are inexpensive.

Choice first size bulbs, each 6c; doz., 65c; 100, \$5.00.

## NARCISSUS

### PAPER WHITE GRANDIFLORA.

Pure white, beautiful, free-flowering, deliciously sweet-scented flowers, of the easiest culture; suitable for forcing or for growing in water in the same way as the Chinese Sacred Narcissus. They bear tall spikes of bloom with from 6 to 20 flowers each. They force admirably, and flower freely in dense clusters; will come into bloom as early as December, if potted early. Millions of these are forced by florists for cut flowers. Any one can grow them in the house successfully. Plant one bulb to a 3-inch pot, four to a 6-inch pot. Culture same as Roman above.

Each, 5c; doz., 40c; 100, \$2.50.

## FREESIAS

One of the most popular of the winter blooming bulbs. The flowers are white borne in graceful clusters, last a long time and have a delightful fragrance. The bulbs force easily and will come into bloom in January and February in an ordinary greenhouse. They also grow well and bloom freely in an ordinary sitting room if placed near a window and not kept too hot. Plant four or five bulbs in light, rich soil, in a 6-inch pot. Keep in a warm, moist, dark place until the plants are well started. There is danger in watering too freely until the plants are in flower.



Narcissus (Paper White Grandiflora).

**TRY 'EM**

If you don't try any other bulbs this year, try a dozen each of the above. Only \$1.20 postpaid. You'll get \$5.00 worth of pleasure, sure.

## SINGLE NARCISSUS OR DAFFODILS



*Narcissus Victoria.*

**BARRI CONSPICUOUS.** A flower of exquisite beauty, unexcelled for cutting; large, broad, spreading perianth; broad, short cup, conspicuously edged bright orange scarlet. Lasts long in water after being cut.

Each, 4c; doz., 35c; 100, \$1.75

**EMPEROR.** Enormous flowers of a deep golden trumpet and primrose perianth; excellent for forcing.

Each, 6c; doz., 60c; 100, \$3.50

**EMPRESS (Bicolor).** Pure white perianth and rich yellow trumpet; giant flower; extra fine.

Each, 6c; doz., 60c; 100, \$3.50

**GOLDEN SPUR.** Enormous deep yellow trumpet; early and unsurpassed for pots or garden culture.

Each, 5c; doz., 50c; 100, \$3.00. Mam. double nose bulbs, doz., 60c; 100, \$3.50.

**HORSFIELDI (King of Daffodils).** Large golden yellow trumpet; pure white perianth; a grand variety; forces early.

Each, 5c; doz., 50c; 100, \$2.50

**HENRY IRVING.** A very early variety, with deep golden trumpet; yellow perianth, broad and overlapping; handsome.

Each, 5c; doz., 50c; 100, \$2.50

The Narcissus affords perhaps more pleasure and satisfaction than any other flowering bulb. They may be grown either in or outdoors. They are very beautiful, very hardy, bloom freely, are delicately fragrant, thrive in almost any soil, and last for years without resetting. The bulbs are very cheap. They may be grown in garden beds, among hardy plants in herbaceous borders, or "naturalized," that is, grown as if wild in outlying portions of the lawn or grounds, on terraced slopes and along semi-shaded paths.

The flowers of the different types are beautiful and graceful forms, with a variety of color combinations and many are delightfully fragrant.

**NOTE.** In describing these flowers we refer to the "trumpet," "crown" or "cup" as the center or funnel-like tube; the "perianth" is the surrounding row of petals or wings.

**REMEMBER.** Large, well matured Narcissus Bulbs cannot be sold for less money than priced herewith.

**INCOMPARABILIS SIMPLEX.** Yellow, fine for forcing and cutting; flowers well formed and fragrant.

Each, 5c; doz., 35c; 100, \$2.00

**VICTORIA.** New; large, clear yellow trumpet; beautifully frilled at mouth; perianth creamy white, broad and of good substance; a magnificent flower.

Each, 5c; doz., 50c; 100, \$3.00; Mam. double nose bulbs, doz., 60c; 100, \$3.50.

**SIR WATKIN (The Giant Chalice Flower or Big Welchman).**—A gigantic variety, having immense, long-stemmed flowers; color a rich, light yellow, with a large, dark cup, tinted with orange.

Each, 6c; doz., 60c; 100, \$3.50

**SPURIUS.** The most popular of the forcing variety; perianth and trumpet clear yellow; very striking.

Each, 4c; doz., 35c; 100, \$2.25

**TRUMPET MAJOR (The old-fashioned Jonquils).** Perianth and trumpet golden yellow; very extensively used for bedding or forcing.

Each, 4c; doz., 35c; 100, \$2.25

## JONQUILS

Native of Spain—A Species of Narcissus.

For garden display nothing is finer, they are lasting, flower freely, are deliciously perfumed, and of a beautiful golden yellow; best of all they are inexpensive and should be planted freely.

**JONQUIL CAMPERNELLE**—Single, large, yellow flowers. Each, 4c; doz., 35c; 100, \$1.50

**DOUBLE JONQUIL**—Very double, deep golden yellow, deliciously fragrant. Each, 5c; doz., 40c; 100, \$2.50

We can show you most of our Flowering Bulbs in natural colors from hand paintings, at our salesrooms.



Alba Plena Odorata.

## Poeticus Narcissus

These are among the most beautiful of all spring flowering bulbous plants. The large, single blossoms, 2 to 2½ inches across, are of a snowy whiteness, intensified by the exquisite golden-colored cups, ringed like a pheasant's eye, with red and green. The flowers are gracefully poised on long, stout stems, adapting them for vases. They are especially valuable for garden planting. If allowed to remain undisturbed they thrive, spread and improve every year.

**POETICUS (Pheasant's Eye.)** (See cut.) Pure white flowers, orange cup, edged with red. Perfectly hardy and should be planted in borders out of doors. Very useful for cut flowers, as they bloom from year to year. Will not force.

Each, 3c; doz., 30c; 100, \$1.40

**POETICUS ORNATUS (The Improved Poeticus.)** Pure white cup, edged with scarlet; much finer in form and earlier than Poeticus. A magnificent cut-flower. Largely used for forcing.

Each, 3c; doz., 30c; 100, \$1.50

## Polyanthus Narcissus

The Polyanthus varieties of Narcissus are not only beautiful, but deliciously sweet-scented, and of the easiest culture. Very free flowering, and suitable for forcing indoors or bedding out, continuing long in bloom. They bear tall spikes of bloom, having from six to 24 flowers, each. Try the following varieties in water, same as Chinese Sacred Lilies. You will be more than pleased with results.

**PAPER WHITE GRANDIFLORA.** — See page 8.

**GLORIOSA.** White, with deep orange cup.  
Each, 7c; doz., 60c; 100, \$3.50

**GRAND MONARQUE.** White, with primrose-yellow cup. Each, 7c; doz., 60c; 100, \$3.50

**GRAND SOLEIL D'OR.** Yellow, with deep orange cup.

Each, 7c; doz., 60c; 100, \$3.50

**MONT GENIS.** White, yellow cup; large and handsome.

Each, 7c; doz., 60c; 100, \$3.50

**PEARL.** Mammoth pure white flowers, very desirable. Each, 7c; doz., 60c; 100, \$3.50

## Double Narcissus

No collection of Narcissus is complete without the double flowering sorts. They possess a charm peculiarly their own. All are perfectly hardy and are much in demand for cutting.

**ALBA PLENA ODORATA (The Double White Poet's Narcissus.)** Double, snow-white flowers, exquisitely scented, late-flowering, cannot be forced.

Each, 4c; doz., 35c; 100, \$2.00

**GOLDEN PHOENIX.** Bright yellow; a fine, showy flower, full and double.

Each, 5c; doz., 50c; 100, \$3.00

**ORANGE PHOENIX (Eggs and Bacon).** Beautiful double white flowers, with orange center; splendid for pot culture, cutting and garden planting.

Each, 5c; doz., 40c; 100, \$2.25

**SILVER (SULPHUR) PHOENIX.** Very large flowers; pale creamy white, large, full and double; one of the finest varieties for pot culture, and makes a splendid cut flower.

Each, 5c; doz., 50c; 100, \$3.00

**VON SION (The True Double Yellow Daffodil).** Rich, golden yellow perianth and trumpet. This is the old favorite, so highly prized in old-fashioned gardens. It is as handsome as ever, and deserves to be planted in quantity where it can remain undisturbed for several years. It will then thrive and bloom in increasing profusion every spring. It is also one of the best winter-flowering and forcing sorts, immense quantities being used for this purpose.

Each, 5c; doz., 50c; 100, \$3.25

**VON SION.** Double nose bulbs that produce many flowers.

Each, 6c; doz., 60c; 100, \$4.00



Von Sion Narcissus.

## ALLIUM

**NEAPOLITANUM.** An excellent variety for winter flowering, extensively forced by florists for cut flowers. Its flower stems are 20 inches high, supporting a large cluster of delicate white starry flowers; sure to bloom splendidly in any window. Plant 4 to 6 bulbs in a 5 inch pot. Keep in full sunlight and well watered.

Each, 3c; doz., 25c; 100, \$1.00

Remember—We send all Bulbs charges prepaid.

## SINGLE EARLY TULIPS

HOLLAND GROWN, "HIGHEST QUALITY."

No other flower excels the Tulip in beauty of form, brilliancy of color, effective bedding and gorgeous show. They are equally desirable for bedding as well as for pot culture indoors. For outdoor bedding the most brilliant effect can be produced by massing colors which contrast well. Our list of named varieties is very complete, especial care being taken to offer but the choicest sorts. All our bulbs have been picked and should prove of superior size and quality.



### Cultural Directions Free with Each Order



**TAKE NOTE.** The figures 1, 2, 3, etc., following the varieties indicate their earliness of bloom; the 1's flower together, and are the earliest; 2's follow before the 1's are out of bloom, etc. The height is indicated by "D" for dwarf; "M" for medium, and "T" for tall, to aid in arranging flower beds.

**ARTUS (2D).** Brilliant scarlet, fine bold flowers of dwarf habit and very early.

Each, 3c; doz., 30c; 100, \$2.00.

**BELLE ALLIANCE (Waterloo) (2D).** True, large scarlet, sweet-scented flowers; fine forcer and bedder.

Each, 4c; doz., 40c; 100, \$2.75.

**BRUTUS (2D).** Bright, orange crimson, with small golden margin; very showy.

Each, 3c; doz., 30c; 100, \$1.75.

**CHRYSOLOGA (2M).** Pure golden yellow, very large and handsome; one of the best; good bedder.

Each, 3c; doz., 30c; 100, \$1.50.

**COTTAGE MAID (2D).** Bright pink, feathered with white, base of petals yellow; a charming variety.

Each, 3c; doz., 30c; 100, \$1.50.

**DUCHESS DE PALMER (2T).** Orange scarlet bordered yellow, large effective long-lasting flowers on long stems, very beautiful and desirable for forcing or bedding.

Each, 4c; doz., 35c; 100, \$2.00

**COULEU DE CARDINAL (3T).** Brilliant crimson; very fine for forcing and bedding.

Each, 5c; doz., 40c; 100, \$2.75

**KEIZERSKROON (2T).** Extra large flower, deep red, with broad, yellow border; effective bedder. Our largest seller and most popular variety.

Each, 3c; doz., 40c; 100, \$2.25

**LA REINE (Queen Victoria) (1M).** White, slightly rose shaded; extra fine for forcing.

Each, 3c; doz., 30c; 100, \$1.50

**MAAS (1M).** Dazzling scarlet; one of the largest; splendid for bedding.

Each, 5c; doz., 50c; 100, \$3.00

**MON TRESOR (2M).** Deep rich yellow, extra large and finely formed flowers; splendid bedder or forcer.

Each, 4c; doz., 35c; 100, \$2.25

**OPHIR D'OR (2M).** Large, pure golden yellow; excellent for bedding; holds its color well.

Each, 3c; doz., 35c; 100, \$2.00

**CRIMSON KING (1M).** Brilliant deep crimson; very large and showy; a fine bedding variety. A very popular variety both with florists and gardeners.

Each, 3c; doz., 30c; 100, \$1.75

**GOLD FINCH (2D).** Pure yellow, sweet-scented; forces easily and early; stands well; a good bedding sort; improvement over Yellow Prince.

Each, 3c; doz., 30c; 100, \$1.75

**JOOST VAN VONDEL (2D).** Deep cherry red, with white penciling; flowers of the largest size; one of the finest.

Each, 4c; doz., 35c; 100, \$2.00

**KING OF THE YELLOWS (1T).** Deep golden yellow; fine for forcing; early.

Each, 4c; doz., 35c; 100, \$2.00

**DAHLIA AND GLADIOLI BULBS**—These should not be planted until spring. We grow thousands and our Spring Seed Annual will contain complete price list and descriptions.

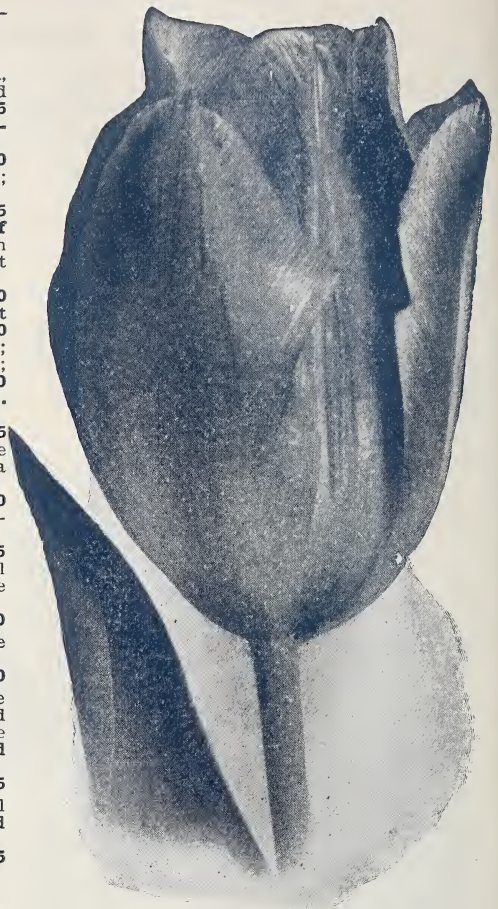
## SINGLE EARLY TULIPS— Continued

- PRINCE OF AUSTRIA (2M).** Orange red, very fragrant, extra fine for forcing and cutting. Each, 4c; doz., 35c; 100, \$2.25
- PRESIDENT LINCOLN (Queen of the Violets) (2M).** Clear violet; large flower. Each, 5c; doz., 40c; 100, \$2.50
- PRINCESS MARIANNE (2D).** Rosy white; one of the finest for bedding. Each, 3c; doz., 30c; 100, \$1.75
- PRINCESS WILHELMINA (2M).** (Queen of Pinks). Deep pink, flushed bluish white on outer petals, charming flowers, excellent in every way. Each, 5c; doz., 40c; 100, \$2.50
- POTTEBAKKER SCARLET (2M).** Bright scarlet. Each, 5c; doz., 40c; 100, \$2.50
- PROSERPINE (1M).** Silky carmine rose; forces easily; large flowering variety; very early. Each, 5c; doz., 50c; 100, \$3.00
- QUEEN OF THE NETHERLANDS (2M).** Rare; soft rose, flushed white. Each, 5c; doz., 40c; 100, \$2.75
- ROSE GRISDELIN (2D).** Beautiful, delicate pink; finest pink tulip in cultivation; a fine flower and good for bedding. Each, 3c; doz., 30c; 100, \$1.50
- THOMAS MOORE (2T).** Large; a fine orange; sweet-scented. Each, 3c; doz., 30c; 100, \$1.75
- VERMILION BRILLIANT (1D).** A beautiful flower; forces easily and early; one of the largest and finest scarlets. Each, 5c; doz., 50c; 100, \$3.00
- WHITE SWAN (3T).** Tall variety; one of the best whites; egg-shaped flower. Each, 3c; doz., 30c; 100, \$2.00
- WHITE HAWK (2T).** One of the finest pure white tulips in cultivation for forcing and bedding; flowers snow white, very large and of great substance; stand handling and keep exceedingly well. Each, 5c; doz., 40c; 100, \$2.75
- YELLOW PRINCE (2D).** The Marechal Niel rose-scented yellow bedding tulip; should be used largely in beds and borders. Each, 3c; doz., 30c; 100, \$1.75

### FINEST SINGLE MIXED.

This mixture contains all colors and shades, and is very fine for bedding.

Each, 3c; doz., 25c; 100, \$1.75



Single Tulip.

## PARROT TULIPS

These are very curious and remarkable Tulips, belonging to the late or May-Flowering section. The flowers are very large, frequently six or seven inches across, with petals deeply toothed, fringed and twisted in the most striking and fantastic manner, sometimes representing the head and beak of a parrot. The colors are exceedingly brilliant and showy, crimson and yellow, flaked, dashed and feathered with green, gold and scarlet. Fine for bedding, and to plant among shrubbery. They grow ten inches high, and always attract attention.

**CREAMOISIE BRILLIANT.** Beautiful carmine red, large flowers; very fine. Each, 3c; doz., 30c; 100, \$2.00

**LUTEA MAJOR.** Yellow, striped crimson and green. Each, 3c; doz., 30c; 100, \$2.00

**MARKGRAVE OF BADEN.** Golden inside, feathered brilliant scarlet. Purple and green on the outside. Each, 3c; doz., 30c; 100, \$2.00

**PERFECTA.** Yellow, scarlet, green. Each, 3c; doz., 30c; 100, \$2.00

**FINEST MIXED.** A combination of all sorts. Each, 3c; doz., 30c; 100, \$1.75



Parrot Tulip.

## SELECTED DOUBLE TULIPS

Double Tulips have massive flowers of brilliant and varied colors, shades and markings, and being double, the flowers last much longer in bloom than single varieties. They flower about ten days later than the single sorts, and are beautifully adapted for beds on the lawn, in the garden and for mingling in clumps of half a dozen or more around the edges of shrubbery. The early sorts (those indicated by a \*) do splendidly when grown in pots for winter blooming, but should be forced slower than Single Early Tulips by keeping them cooler.



Double Tulip.

**EARLY DOUBLE MIXED.** This mixture contains a large and choice assortment of all colors and shades; very suitable for outdoor planting.

Each, 3c; doz., 30c; 100, \$1.50

\***CHIRONNE D'OR.** Fine yellow, the best double yellow for forcing; strong stem and stands handling well.

Each, 5c; doz., 40c; 100, \$2.75

\***IMPERATOR RUBRORUM.** Splendid bright scarlet, yellow base; a large, full flower; a fine tulip for bedding and the finest of all double scarlets for forcing for winter flowers.

Each, 5c; doz., 35c; 100, \$2.25

**LUCRETIA.** Beautiful rose; one of the finest doubles.

Each, 6c; doz., 50c; 100, \$3.25

**LADY PALMERSTON.** Beautiful rosy white; large flower.

Each, 3c; doz., 35c; 100, \$2.00

**LA CANDEUR.** Pure white, very full and double; extensively grown in open beds.

Each, 4c; doz., 35c; 100, \$2.00

\***MURILLO (Albino).** Magnificent blush white, shaded rose, large, full double flowers; the finest double light pink for garden beds and unrivaled for winter flowering, forcing very easily.

Each, 3c; doz., 30c; 100, \$2.00

**EEK RUBRORUM.** Bright, crimson scarlet, superb for bedding; large and showy; a fine companion to the white La Candeur for design bedding, as it flowers at the same time and is the same height; not advised for winter forcing.

Each, 4c; doz., 35c; 100, \$2.25

**ROSE BLANCHE.** Extra large, pure white; excellent for bedding.

Each, 3c; doz., 35c; 100, \$2.00

\***SALVATOR ROSA.** Beautiful deep rose, flamed with blush; a fine, large double flower, suitable for either gardens or forcing.

Each, 4c; doz., 40c; 100, \$2.75

\***TOURNESOL, R. & Y.** Splendid, showy tulip, bright scarlet, with broad yellow tips and yellow base; very large double flower. The easiest double tulip to force.

Each, 5c; doz., 50c; 100, \$3.00

\***TOURNESOL, YELLOW.** Bright golden yellow, shaded orange; very fine, large and showy flowers; forces well; one of the finest double yellow tulips in cultivation.

Each, 5c; doz., 40c; 100, \$2.75

\***VUURBAAK.** Dazzling scarlet, very large double flowers, good for medium early forcing.

Each, 4c; doz., 40c; 100, \$2.75

## SINGLE LATE-FLOWERING TULIPS

Also called May-Flowering and Cottage Tulips.

This beautiful class is becoming more popular each season. They are quite distinct from the early-flowering sorts, coming into bloom two or three weeks later and extending two or three weeks later.

On account of their extreme hardiness, they are specially adapted for the permanent hardy flower border, clumps or masses, wild gardens, etc. For bedding they are superb, while as cut flowers they are much to be preferred to the earlier type, having long stems with flowers of great substance.

**BOUJON D'OR (Golden Beauty) (21 inches).** One of the choicest orange-yellow cup-shaped flowers. The anthers are black and make a striking contrast with the yellow when the flowers are expanded.

Each, 4c; doz., 30c; 100, \$1.75

**GESNERIANA SPATHULATA MAJOR (28 inches).** Superb, very large, of an intense brilliant crimson-scarlet with glittering

blue-black center. No words or picture can begin to do this Tulip justice. It should be planted in generous quantity.

Each, 4c; doz., 35c; 100, \$2.25

**GESNERIANA LUTEA (24 inches).** This fine golden-yellow variety has all the merits of the scarlet sort.

Each, 4c; doz., 35c; 100, \$2.00

**LA MERVEILLE (18 inches).** A magnificent variety with very large, artistic, sweet-scented blossoms and of a striking color, being salmon-rose overlaid with orange-red; very effective in beds or borders.

Each, 4c; doz., 35c; 100, \$2.25

**PICOTEE (Maiden's Blush) (24 inches).** Pure white, daintily edged with pink, which suffuses the entire flower as it ages; a beautiful cut flower.

Each 4c; doz., 35c; 100, \$2.00

## DARWIN TULIPS

Not too much can be said in praise of this class of tulips, and now that the prices have become so moderate, everyone should plant them. They excell in brilliancy of colors, perfect form of flowers and very tall, strong stems. For splendid effects in borders and planted in small groups amongst shrubs they are unsurpassed. They range from two to three feet in height, and their flowers are massive, weather-resisting and very persistent. They are well adapted for every garden use, particularly for the planting of grass vistas, the approaches to woodland and in shrub beds; their constitution is so strong that grasses cannot choke them, and they will thrive for several years without further attention.

**CULTURAL DIRECTIONS SENT FREE WITH EACH ORDER.**

**PRICES**—Your selection of varieties below: Each, 5c; doz., 50c; 100, \$3.50

**BARONNE DE LA TONNAYE.** Clear, rosy carmine; lighter at edge.

**BRONZE QUEEN.** Splendid rich yellow, shaded bronze.

**CLARA BUTT.** Soft salmon rose, beautiful in color and form.

**EUROPE.** Bright carmine red, extra fine.

**GRETCHEN.** Large globular flower, soft blush pink.

**LA TULIP NÈGRE. (Giant Black Tulip).** The darkest tulip known; produces large cup-shaped flowers of a lustrous, intense, black maroon on long strong stems; lasts well.  
Each, 25c; doz., \$2.50

**LOVELINESS.** Lilac rose with white center marked blue, large flower.

**MRS. FARNCOMBE SANDERS.** Large fiery scarlet.

**NORA WARE.** Silvery lilac and white, fine shade.

**PRIDE OF HAARLEM.** Deep rich rose, shaded crimson violet.

**SALMON KING.** Salmon rose with whitish centre.

**THE SULTAN.** Glossy maroon black.

**DARWIN MIXED.** A choice mixture of all colors.

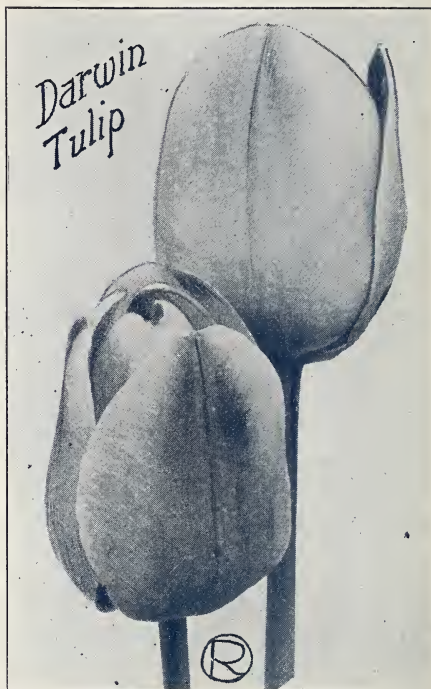
## BIZARRE TULIPS

Late or May-Flowering Garden Tulips, producing grand, large flowers of perfect shape. Color, shades of brown, purple and maroon; feathered or striped with yellow, producing a striking effect.

**MIXED, ALL COLORS.** Each, 3c; doz., 30c; 100, \$1.75.

A choice mixture of all colors.

Each, 3c; doz., 30c; 100, \$2.00



Darwin Tulips.

## SNOWDROPS

The first flower to bloom in the spring, producing small but beautiful white blossoms before other outdoor plants are started. Plant about one inch apart in borders, beds or in clumps in the lawn, setting two or three inches deep. They come up from year to year and need not be disturbed until they become crowded.

**SNOWDROP.** Double.  
Each, 3c; doz., 25c; 100, \$1.75

**SNOWDROP ELWESI (Giant Snowdrop).** Single.  
Each, 3c; doz., 20c; 100, \$1.00

## CHIONODOXA

They produce flower spikes bearing lovely Scilla-like flowers. They are perfectly hardy, and may be planted as an edging to a bed, or in masses; they flower with the Snowdrops and last a long time in perfection.

**LUCILLIAE.** Bright blue with large, clear white center. Each 3c; doz., 30c; 100, \$2.00

## SCILLAS

**SIBERICA.** This is one of the prettiest of early spring blooming bulbs, of dwarf habit, with sprays of exquisite rich blue flowers. Grown in masses in conjunction with Crocus, Chionodoxas and Snowdrops, the effect is charming; fine for forcing.

Each, 3c; doz., 25c; 100, \$1.75

## OXALIS

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

**FINE MIXED.** 2 for 5c; doz., 20c; 100, \$1.75

**NOTICE**—We employ **NO AGENTS**. We sell direct to planters only. We save you money—give quick service and highest quality stock. Read important notice, inside front cover.



## CROCUS

These charming little flowers bloom at a time when the ground is destitute of foliage or other flowers. This makes them most welcome, and they should occupy a prominent place in every garden. When planted in borders or beds in one or more colors the effect is striking. No spring display surpasses that of the Crocus. The broad, wavy bands of golden yellow, striped, purple or of pure white, when they expand their blossoms in February and March, are incomparable.

A desirable effect is produced by setting Crocuses here and there over the lawn. It is only necessary to lift the turf and insert the bulbs about two inches deep. They will care for themselves, blooming very early amid the grass, and dying down to the bulb in ample time to be entirely out of the way of the lawn mower. Once planted, they will remain uninjured in the ground and bloom for years.

Plant from October to March, about three inches deep and about two inches apart in beds or borders. Indoor, the Crocus can be easily forced. Plant from six to a dozen bulbs in a shallow pot, keep cool and water well, treating same as Hyacinths.

### Named Giant Crocus

For forcing or special work the named Crocus is best. Following varieties. Price, doz., 15c; 100, \$1.25; 1000, \$10.00.

**MONT BLANC.** Snowy white.

**KING OF THE WHITES.** New; pure white, beautiful, large, round-shaped flower; the best of all white Crocuses.

**ALBION.** Dark violet, striped.

**SIB WALTER SCOTT.** Large white, striped with lilac.

**KING OF THE BLUES.** New, large, purple blue.

**PURPUREA GRANDIFLORA.** Very large purple.

**CLOTH OF GOLD.** Golden yellow.

**MAMMOTH YELLOW.** These are extra large bulbs that produce many flowers.

Doz., 20c; 100, \$1.50

### Mixed Crocus

These separate colors in mixed shades are extensively planted for outdoor beds or borders. Our bulbs are all solid and sound and first size. We have four colors Purple, white, striped, yellow.

Doz., 10c; 100, 85c; 1000, \$7.00

**MIXED.** All colors. 100, 75c; 1000, \$6.00



Crocus.

### ERANTHIS HYEMALIS

The earliest spring flower, often appearing through snow. Flowers golden yellow, 6 inches high.

Doz., 25c; 100, \$1.50

### CYCLAMEN

For duration of bloom and richness of coloring the Cyclamen is unequalled. The foliage, too, is very beautiful. Plant in 5-inch pots in soil made up of good loam, leaf mould and sand. Keep in a light, airy place with quite a low temperature. Water freely and give plenty of light and air. Never allow the plant to become quite dry, but care must be taken that water does not stand on the plants, or the ground becomes soggy.

**GIGANTEUM, Mixed,**  
Separate Colors.

Each, 20c; doz., \$2.00  
Each 25c; doz., \$2.50

### LILY OF THE VALLEY

One of the most charming spring flowering plants, producing in profusion its delicate bell-shaped, delightfully fragrant white flowers. Valleys thrive in any common soil, and will do well in shady situations, where few other plants will succeed. Highly prized for cutting purposes, and exceedingly well adapted for flowering in pots in the winter. Can be forced to bloom in four to six weeks from time of planting. Plant 6 pips to a 6-inch pot.

They are perfectly hardy and most charming planted in beds or borders around the lawn, where they can remain, increase and bloom from year to year. Ready from November to March.

**SELECTED PIPS,** for forcing indoors or planting outside.  
Each, 5c; doz., 40c; 100, \$2.50



Lily of Valley

Our complete Catalog of Seeds, Plants, Garden and Poultry Supplies, full of useful information, free on request. Ready January 1st each year. Free to all.

## CALLA LILIES

The Calla is one of the best winter flowering plants for room culture, needing little care beyond abundant water and an occasional washing of the leaves to keep them free from dust. Take a 4 or 5-inch pot, fill it with good, rich loam ( $\frac{1}{4}$  leaf mould and  $\frac{3}{4}$  good garden soil), then put in bulb, cover it one inch, water well and set away in a dark place for three or four weeks. As soon as it starts growing bring to the light, give abundance of water, light and heat and the result will be most satisfactory. Too often people wait till spring to plant the Calla tubers; then they have lost much of their vitality. After blooming set the pots away and let them dry out until the following September.

**WHITE CALLA (LILY OF THE NILE).** Each...15c to 25c

**ELLIOTIANA.** This is the great new Yellow Calla of marvellous beauty. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth; leaves are beautifully spotted with white. A most valuable bulb for fall planting inside. Bulbs in stock from September to April.

Each, 30c



Calla Lily (in full flower).



Chinese Sacred Lily.

## CHINESE SACRED LILY

Also called "Shu Sin Far," or Water Fairy Flower. The flowers of this variety of Polyanthus are of a satiny white color, with very fragrant golden yellow cups. The dark green foliage is exceedingly luxuriant and beautiful. It is the sort grown by the Chinese from time immemorial to decorate their sacred temples or joss houses, on their New Year's day. By methods of culture original to them, they succeed in growing large, solid bulbs, which produce a profusion of bloom in an incredibly short time, usually not more than four to six weeks from the time of planting. This splendid flower increases in popularity every year, and immense quantities of bulbs are annually imported into this country.

**Culture.**—Being partially aquatic, this plant must have plenty of water. If grown in earth, the soil should be light and sandy. Chinese Lilies are usually grown in bowls or dishes of water. Put an inch or two of sand and gravel in the dish in which they are to be grown, set the bulbs on this, and put enough fancy pebbles, gravel or shells around them to keep them from falling over; fill the dish with water and set in a dark closet for a few days, until the roots start freely, then bring them to the light and keep in an ordinary living room. A dozen bulbs started in this way at intervals will give a succession of bloom throughout the winter.

The Chinese Lily bulbs offered by us are large, solid and well matured. They can be relied upon to be the true Chinese, which are superior to those grown elsewhere.

**PRICE,** Each, 10c; per doz., \$1.25  
Extra large bulbs each, 15c; 4 for 50c

## ANEMONES

Very ornamental hardy perennials, producing beautifully colored flowers in spring and summer. They do best in rich soil and in a sheltered and well-drained position. Plant in autumn. May also be grown in pots or forced inside for early flowers.

**SINGLE OR DOUBLE MIXED,** each, 3c; doz., 30c; 100, \$2.00.

**SINGLE OR DOUBLE SCARLET, BLUE OR WHITE,** each, 4c; doz., 35c; 100, \$2.50.

**FRENCH SUPERFINE MIXTURE** of all colors, rich and beautiful, each, 3c; doz., 25c; 100 \$1.00.

## RANUNCULUS

An exquisite dwarf spring flower, easily grown in pots or cold frames. Put 6 bulbs claws down, in a 5-inch pot. If planted outdoors they must be well protected during winter.

## BEAUTIFUL HARDY LILIES

These are the most fragrant, beautiful and stately of all flowers produced from bulbs; they require very little care. Do not disturb them oftener than every three to five years. Plant about six to twelve inches deep, according to size of bulb, and if the ground is not well drained use plenty of sand around the bulb, and lay it on its side. Plant in clusters or groups of six or more for best effect. The Formosa and Longiflorum Lilies force very easily. The Speciosum are, next to the Auratum, the most magnificent species for outdoor culture. They increase in size and beauty each year.

**LILIUM CANDIDUM.** This is the ever-popular, fragrant, snow-white, hardy garden Lily. The flowers are produced in clusters, at the top of 4 to 5-foot stems; blooms in the open ground in June. A very hardy and popular Lily.

Each, 15c; doz., \$1.50; mammoth bulbs, 20c

**LILIUM L. FORMOSUM.** This new Lily from Japan has taken the place of L. Harrissi on this coast. The best for early forcing. Bulbs arrive in September. Plant in the fall or early spring.

Each, 15c; doz., \$1.50; mammoth bulbs, 20c

**LILIUM LONGIFLORUM.** Very much like the above but a little later; planted by the thousands by florists for Easter flowers; profuse bloomer. In the open ground they bloom in June and July.

Each, 15c; doz., \$1.50; mammoth bulbs, 20c

**TENUIFOLIUM.** The lovely Coral Lily of Siberia. A great beauty. The brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautiful shaded flowers of a very brilliant coral-red. Blooms very early with 12 to 20 flowers per stem.

Each, 15c; doz., \$1.50

### Lilium Auratum

(Gold Banded Lily)

The handsomest and probably the most popular of the Japan Lilies. Its immense ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, shading its edges into white; very fragrant.

Each, 15c; doz., \$1.50; mammoth bulbs, 20c; doz., \$2.00.

**AURATUM PICTUM.** A most magnificent flower of same shape and color as Auratum above except that one-half of the gold band on each petal is a bright crimson; very rare and showy.

Each, 25c; doz., \$2.50

**AURATUM RUBRUM VITATUM.** Very large flowers, often one foot across, pure ivory-white, with broad crimson stripe through center of each petal.

Each, 40c; doz., \$4.00



Lilium Speciosum.

**WASHINGTONIANUM (Mt. Hood Lily).** A beautiful lily, native of Oregon; flower of open form: white, tinted with pink; grows 3 to 5 feet high; very fragrant.

Each, 20c; doz. \$2.00; mammoth bulbs, 25c ea



Lilium Auratum.

### Lilium Speciosum

No words can overestimate the brilliant beauty of this charming variety. Its six broad white or pink petals are thickly dotted with rose or carmine spots, and the graceful form, brilliant color, and exquisite fragrance make this one of the most effective and desirable of the lily family. They are profuse bloomers, and last for many days after being cut and put in water.

**HENRYI (The Yellow Speciosum).** A splendid new rare Lily from the mountains of China. Destined to be the Lily among Lilies. It is so healthy and sturdy, so hardy and beautiful, so easy to grow, that in time it will be in every garden, as the Tiger Lily is now. It grows, when established, 3 to 5 feet high, each stem producing 5 to 8 large rich apricot yellow flowers, banded with green.

Each, 50c; doz., \$5.00

**SPECIOSUM ALBUM.** Pure white; flowers freely.

Each, 20c; doz., \$2.00; mammoth bulbs, 25c; doz., \$2.50

**SPECIOSUM RUBRUM.** White, with dark rose spots.

Each, 15c; doz., \$1.50; mammoth bulbs, 20c

**SPECIOSUM MAGNIFICUM.** A new and rare variety; the finest of all the Speciosums; flowers very large, white, shaded rich blood crimson, heavily spotted; very rich and showy.

Each, 20c; doz., \$2.00; mammoth bulbs, 25c; doz., \$2.50

### Tiger Lilies

**TIGRINUM FLORE PLENO (Double Tiger Lily).** A magnificent lily of stately habit, bearing immense clusters of large, double flowers; color bright orange, spotted with black.

Each, 15c; doz., \$1.50; mammoth size, 20c; doz., \$2.00

**TIGRINUM SPLENDENS (Improved Single Tiger Lily).** Large flowers of excellent form; color orange salmon, with dark spots; hardy and free bloomer.

Each, 10c; doz., \$1.00; mammoth size, each, 15c; doz., \$1.50.

**NOTE.**—On display at our salesroom we have colored plates of all our lilies, which will give you an excellent idea of just the shape and colors.



## IRIS

Magnificent plants for the garden. They bloom profusely and are exceedingly showy and fragrant. The colors are brilliant and cover a wide range of different shades and combinations. In the open ground they are perfectly hardy, increase rapidly and make a magnificent display, either in clumps or borders. They do best in rich, moist soils. Plant in the fall or early spring. English and Spanish ready in October. German and Japanese ready in December; native stock earlier.

Ashland, Ore., Nov. 28, 1913.

Routledge Seed & Floral Co.

Gentlemen: I am writing to thank you kindly for making my tree order right. I received the tree yesterday and it is a beauty. There is no other like it in Ashland.

Respectfully,

MRS. S. J. IRWIN.



### Japan Iris—Kaempferi

The Japanese Iris is quite distinct from all others, and never fails to excite the admiration of all who see it. It is becoming more popular each year. The enormous flowers display a marvelous blending of rich and rare shades. We offer a select collection of named varieties, as well as a very fine mixture of 50 kinds.

Mixed, good assortment: Each, 15c; doz., \$1.50

#### SELECT NAMED JAPAN IRIS

**YOUR CHOICE EACH, 20c; DOZ., \$2.00**

**Haker-O-Den.** Beautiful, large, six-petaled white.

**O-Sho-Kum.** Deep blue, showing darker veins, six petals.

**En-U No-Sora.** A charming pink shading to rose, six petals.

**Momiji-Ga-Take.** Deep rich blood red, edge of petals lighter, six petals.

**Gei-Sho-Ui.** Bright red, beautifully frilled, six petals.

**Shi-Chu-Ka.** Creamy white shaded and edged carmine, six petals.

**Kumo-Ubi.** Light blue or lavender pencilled yellow to the center.

**Ho-So-Kawa.** Rich royal purple, yellow and white markings in the center, six petals.

### German Iris—Iris Germanica

These are perfectly hardy, thrive anywhere, grow and bloom luxuriantly, and are remarkably rich and beautiful in color and graceful in form, deliciously fragrant and fine for cutting.

**CHOICE MIXED**—All fine varieties.  
Each 10c; Doz. \$1.00

PLANT MORE IRIS—THEY INCREASE IN SIZE AND PROFUSION OF FLOWERS EACH YEAR AND ARE TRULY BEAUTIFUL AND HARDY.

## German Iris—Continued

**NAMED VARIETIES AS FOLLOWS:** Each, 15c; doz., \$1.50.

**Darius.** Standards lemon yellow; falls lighter.

**Florentina Alba.** An excellent variety for cutting and an early bloomer. Flowers ivory white tinged with lilac.

**Florentina Blue.** Tall and vigorous; deep dark blue.

**Honorable.** Intense yellow; falls a beautiful bronze.

**Madam Chereau.** Pure white edged with azure blue; falls deep white with blue pencilling.

**Victory.** Standard brown; falls deep violet, striped and bordered yellow at the base.

## English Iris—Anglica

Beautiful, attractive and worthy of a place in every garden. Their large, peculiarly shaped flowers remind one of the rare orchids. Set the bulbs in clumps three inches apart each way and three inches deep.

**Named varieties as follows** Each, 6c; doz., 50c; 100, \$2.50.

**Argus.** Pink and white.

**Couleur Cardinal.** Dark velvety blue.

**Mont Blanc.** Pure white

**Thackeray.** Rich claret color.

**Washington.** Pale lavender, mottled blue.

**SUPERFINE MIXED,** all colors. Each, 5c; doz., 30c; 100, \$1.50.

## Spanish Iris—Iris Hispanica

One of the most satisfactory varieties of Iris to grow, being very hardy and equally good for forcing indoors or garden culture. The flowers are of great beauty, having many different blendings of colors, and if cut when in the bud will last a long time in water. (See cut).

**NAMED VARIETIES AS FOLLOWS:** Doz., 20c; 100, \$1.00.

**Cajanes.** Best bright yellow.

**British Queen.** Large, pure white; extra.

**Louise.** Beautiful light blue.

**Count of Nassau.** Dark violet blue.

**Thunderbolt.** Velvety dark bronze; large flowers.

**SUPERFINE MIXED.** Doz., 15c; 100, 75c.



## LABELS

The tree and pot labels we offer below are strictly No. 1 labels, smooth and well wired. The painted labels are "really painted," not dipped in oil. Ordinary lead pencil writing on the painted labels is always readable; it don't wash off.

### TREE LABELS. (P. P. 4 lbs.)

	25	100	M
Painted, copper wired	\$.015	\$0.25	\$1.50
Unpainted, iron wired	.10	.15	1.25
Aluminum, copper wired	.60	2.00	

### POT AND GARDEN LABELS

	25	100	M.
Painted, 4-in. (P. P. 3 1/2 lbs.)	.10	.20	\$1.25
Painted, 5-in. (P. P. 4 1/2 lbs.)	.15	.25	1.50
Painted, 6-in. (P. P. 5 lbs.)	.15	.30	2.00
Painted, 8-in. (P.P. 1 1/2 per C.)	.20	.50	5.00
Painted, 10-in. (P. P. 2 lbs. C.)	.25	.75	6.00

## HYACINTH AND BULB VASES

These tinted glass vases are very neat and convenient. You simply fill with water and set the bulb in the opening at the top. Each 20c; doz. \$2.00. Can not be mailed.



## JARDINIERS

We carry in stock a large and complete assortment of the best styles and latest designs.

We also have in stock garden and porch vases or urns in pottery and wood. Prices on request.



## STANDARD POTS, ETC.

Fig. 1—Fern Dish Filler; 2—Bulb Pan; 3—Azalia or Fern Pot; 4—Flower Pot. All styles same prices.

Size	Prices		Saucers
	Each.	Doz.	
2-inch	\$.02	\$0.20	....
3-inch	.03	.30	....
4-inch	.04	.40	\$0.02 1/2
5-inch	.06	.60	.02 1/2
6-inch	.10	.90	.05
7-inch	.12	1.20	.07 1/2
8-inch	.16	1.75	.10
9-inch	.25	2.50	.15
10-inch	.40	....	.20
12-inch	.60	....	.35
15-inch	1.50	....	.50

## BEAUTIFUL FERNS

A home, no matter how lavishly furnished, is not complete without decorative plants and palms.

The bold, majestic palms and delicate, feathery foliage of the ferns lend a grandeur and magnificence that cannot be obtained in any other way.

**OSTRICH PLUME** (See cut)—The fronds of this popular variety are the most delicate and plume-like. They are beautiful, full and fluffy, well-grown plants; are truly magnificent and last well in the house.

Choice plants, 20c to 35c, post paid; specimen plants in pots, \$1.00 to \$2.00; extra large, \$2.50 to \$3.50.

**BOSTON FERN**—One of the most beautiful and useful of house plants. It is of easy culture, and its sword-like fronds, in large specimens, attain a length of 3 to 4 feet, produced in a bewildering mass, arching, curving and interlacing in every conceivable direction.

Choice plants, 20c to 35c; postpaid. Specimen plants in pots, 75c to \$1.00; \$1.50 and up to \$2.50.

**ASPARGUS SPRENGERI** (Emerald Feather) (See cut No. 1)—This is undoubtedly one of the handsomest and most valuable evergreen trailing plants for the house and conservatory ever introduced. It is especially valuable for pots, vases, baskets, etc., covering all with its beautiful sprays of lovely green, feathery foliage; quite hardy and valuable for hanging baskets or porch boxes in summer if given partial shade and plenty of water.

Choice plants, 20c to 30c, postpaid. Specimen plants in pots, 35c to 75c. Extra large pots or baskets, \$1.50 to \$2.50.

**ASPARGUS PLUMOSUS** (Climbing Lace Fern) (See cut No. 3)—A finer and more delicate plant than the Sprengeri, but hardy and easily grown. Very satisfactory for window and house culture. An extremely graceful window climber, bright green, feathery foliage, as fine as the finest silk or lace.

Choice plants, 20c to 30c, postpaid. Specimen plants in pots, 35c to 75c.

**MAIDEN HAIR FERN** (*Adiantum Cuneatum*)—A very beautiful and graceful fern. Small plants, 20c, postpaid; choice plants in pots, 35c and \$1.00 each.



Ostrich Plume Fern

### Filed Fern Dishes

These are pretty, popular, fashionable and very desirable for center pieces for the tea or dinner table or as ornamental plants on the side-board or center tables.

A choice collection of plants in pretty matt green dishes, \$1.50 to \$2.00. In fancy dishes \$2.00 to \$3.50. (See cut No. 2.)

**NOTE.**—Must go by express; cannot be mailed.

### Beautiful Small Ferns

These handsome little Ferns are used mostly in filling fern dishes, your choice of the following 20c each; 3 for 50c, postpaid.

**Aspidium Tsussimense.**—Without question the most valuable of all ferns yet introduced for fern dishes; of strong but dwarf and graceful habit.

**Crytomium Falcatum** (The Holly-Leaved Fern).—One of the most desirable, very hardy and pretty.

**Pteris Argyrea** (Silver Fern).—A very showy Fern, with variegated foliage.

**Pteris Wilsoni.**—A very pretty and useful Fern; green leaves with the ends very peculiarly crested; beautiful sort for fern dishes.



No. 1, *Asparagus Sprengeri*. No. 2, Filled Fern Dish. No. 3, *Asparagus Plumosus*.

**Specimen Plants.**—These are large, choice, well-shaped plants, growing in pots and are very beautiful. They cannot be mailed. We wrap and pack carefully and ship by express. Read second paragraph about prepaying charges—inside front cover.

## PALMS AND DECORATIVE POT PLANTS

Every one knows how beautiful palms and decorative plants are, and how much they improve the parlor, hall or dining room. We offer here only the best and most desirable kinds of the easiest culture, but we can supply rare and tender specimens if wanted.

What are Specimen Plants? Read note bottom opposite page as to size, etc.

### ARAUCARIA EXCELSIA

(Norfolk Island Pine)—

This beautiful plant resembles the pine somewhat in appearance, though much finer in texture; it is particularly adapted to parlor decoration. It is most unique in appearance, the branches being arranged in neat, symmetrical whorls. They do not require much sun, and are hardy and easily cared for. (See cut No. 5.) Choice plants in pots, 10 to 12 in., \$1.00 to \$1.50; 15 to 18 in., \$2.00; 18 to 24 in., and up, \$2.50 to \$4.00.



No. 4, Aspidistra. 5, Araucaria Excelsior. 6, Kentia Palm.

**KENTIA** (See cut No. 6)—A beautiful, graceful, handsome-looking, strong-growing Palm, with deep green, crisp foliage; inclined to dwarf and spreading habit. One of the most popular for house culture, as they are very hardy, and stand the dry atmosphere. If we could have but one Palm, it would be a Kentia. (See cut.) Small plants, 12 to 15 in., 75c to \$1.00, postpaid. Choice plants in pots, 18 to 24 in., \$1.50 to \$2.00; specimen plants, \$5.00 to \$25.00.

**ASPIDISTRA** (See cut No. 4)—Stately decorative house plant of rapid and hardy growth. The leaves grow quickly from the ground to a height of 18 inches or more. Will stand more gas, dust, cold or heat than any other Palm we know of. We have both green and variegated green and white.

Green or Variegated Leaves, fine specimens, in pots, \$1.50 to \$3.00 and up.

**PHOENIX ROEBELENI** (See cut No. 7)—A new Palm. One of the most graceful and the hardiest. The horticultural world has enthused over this beautiful Palm. It has

the grace and lightness of Cocos Weddelliana, but is more robust in growth and has ten-fold the foliage of that fine variety. Foliage from the ground up, gracefully recurved and spreading in habit. It will be most popular for house decoration.

Choice plants in pots, \$1.00 to \$2.00; specimens, \$2.50 to \$4.00.

**RUBBER PLANT (Ficus Elastica)** (See cut No. 8.)—This is certainly one of the best plants grown for decorative purposes. It succeeds well with ordinary treatment. Its glossy, thick, dark-green leaves are not affected by dust or gas.

Choice plants in pots, 12 to 18 in., 75c to \$1.00; 18 to 24 in., \$2.00 to \$2.50.

**DRACAENA INDIVISA (Fountain Plant)**—This plant is unsurpassed for hardiness. Leaves graceful, long, narrow and pointed, used extensively for centers in pots, boxes or urns with other plants. Perfectly hardy outside in summer.

Nice plants, 12 to 15 in., 35c to 50c, postpaid; 18 to 24 inch., in pots, \$1.00 to \$1.50.

### COCOS WEDDELIANA

(See cut No. 9)—The most elegant and graceful of all the smaller Palms. Its slender, erect stem is freely furnished with its graceful arching leaves of rich green color. Small plants are very desirable for centers in fern dishes.

Choice plants, 12 in., 50c to 75c, postpaid; 15 to 18 in., in pots, \$1.50 to \$2.00. Specimens, \$3.50 to \$5.00.



No. 7, Phoenix. 8, Rubber Plant. 9, Cocos Palm.

Jardinieres, Pots, Japan Tubs, Etc.—We carry a full stock. See page 19.

## CANARY BIRDS

Did you ever hear an imported Hartz Mountain Canary sing? They are the sweetest singers on earth. See page 63.

## HARDY PERENNIAL FLOWERING PLANTS

### You Should Plant More Perennials

No class of plants enjoy greater popularity at the present time than the Hardy Perennials. They have made rapid strides into public favor the past few years, until now they may be considered to have a prominent and a permanent place in our American gardens. Beginning almost before the snow is off the ground, early-flowering varieties open their blossoms, as welcome harbingers of spring. Almost every week until late in the fall some new variety bursts forth into entrancing loveliness, blooming so persistently as to almost defy Jack Frost in his efforts to subdue the floral kingdom. A start may be obtained at so small an expenditure as not to be counted when measured with the satisfaction and pleasure derived from them. Once planted they are there to stay, requiring very little care, increasing in size and bloom and growing better from year to year.

#### VERY LARGE CHOICE PLANTS—LOW PRICES.

This year we are in a position to supply you with the most desirable, new and popular varieties at lower prices than ever. We have 25,000 extra large field-grown plants in the following varieties, also many other kinds which limited catalog space will not permit us to describe.

**PRICES THIS YEAR:** All perennials unless otherwise priced are 15c each, \$1.50 per dozen,

postpaid. Largest plants always sent when ordered by express or freight.

**ANEMONE—Japonica.** These beautiful Wind-flowers are one of the most important hardy plants. They begin blooming early in August and continue in full beauty until cut down by hard frost; 2½ to 3 feet.

Named Kinds.

**Geante Blanche.**—Mammoth single white.

**Alice.**—New silvery rose, very large.

**Krimhilde.**—Rosy pink, large, double.

**Prince Henry.**—Rich pink, double flowers.

Prices, your choice of above.

Each 20c; doz., \$2.00

**Unnamed Varieties** in white, pink, rose or mixed,

Each 15c; doz., \$1.50



Anemone (Windflower).



Aquilegia, Rose Queen.

**ARABIS—Rock Cress.** One of the most desirable of the very early spring flowering plants for edging and the rock garden. Forms a dense carpet, completely covered with pure white flowers. 6 inches.

Alpina, single, each 15c

Alpina, double, each 20c

**ALYSSUM—Gold Dust.** (Sexatite Compactum.)—Large heads of golden yellow flowers in May and June; silvery foliage; fine for rockeries; 6 inches.

**AQUILEGIAS or Columbines.**—The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising two feet or more above the beautifully divided foliage, and are highly prized for cutting; June to September.

Mixed Colors—Each 15c; Doz. \$1.50.

**New Long Spurred.**—Superb mixture of all the most desirable shades. Each 20c.

**Rose Queen.**—Beautiful rose color, with white center, yellow anthers. New.

Each 20c.

**NOTE**—New parcel post rates now enable us to send this class of plants by mail at prices quoted—a great saving.



## Hardy Perennial Flowering Plants—Continued

**PRICES**—All varieties, strong, field-grown plants, 15c each, \$1.50 dozen, unless otherwise priced. Largest plants always sent when ordered by express or freight.

### BELLIS PERENNIS—English Daisy.

**Giganteum**.—Improved, double, large flowering; fine for edging or borders. Flowers extra fine. 2 inches across. **Double white or pink.** Each 20c; doz. \$2.00

**Double**—Red or white. Each 10c; doz., \$1.00

### BLEEDING HEARTS—See Dicentra

**CAMPANULAS**—or **Bellflowers**. Indispensable hardy garden flowers, of much variety of form, some being of tall and imposing habit, while others are dwarf, compact little plants suitable for edging, rock work, etc.

**Persicifolia (Peach Bells)**.—Large bell shaped flowers during June and July. 3 feet. **Blue or white.**

**Medium Calycanthema (Cup and Saucer Canterbury Bells)**.—A beautiful form of this favorite flower. **Blue, Rose, White or Mixed.**

**Pyramidalis (Chimney Flower)**. Stately free flowering, 3 to 4 feet. **White or Blue.** Each, 20c; doz., \$2.00

**Gigantea Moerheimi**.—A grand sort with long stems of pure white double camellia-like flowers, 2 to 2½ inches in diameter; in bloom from the middle of May until late in July. 2 to 3 feet. Each 20c; doz. \$2.00

### COREOPSIS.

**Lanceolata Grandiflora**. Popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn; it succeeds everywhere; 1½ feet.

**DAISY**—See "Bellis" for English, also "S" for Shasta Daisy

**DELPHINIUM—Hardy Larkspur**. These are deservedly one of the most popular subjects in the hardy border, bold, attractive and highly prepossessing plants of easiest culture; perfectly hardy; 3 feet. **Light or Dark Blue or Mixed.**

**Belladonna**. The freest and most continuous bloomer of all, never being out of flower from the end of June until cut down by hard frost. Flowers clear turquoise blue. Each, 20c; doz., \$2.00

**King**. Mammoth new deep blue, semi-double. Very beautiful. Each, 40c

**Moerheimi**. A new pure white of real merit, large and very fine. Each, 60c

### DIANTHUS—Hardy Carnations.

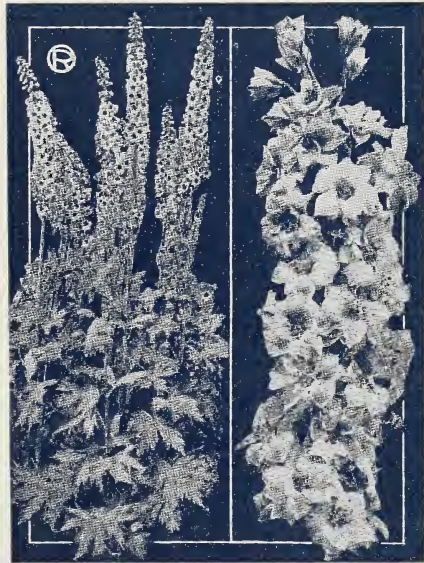
**Caryophyllus**. Hardy Carnation, in colors of red, white and pink. 1½ feet. Mixed.

**Plumaris**. See Pinks, page 25.

**BARBATUS**—See Sweet William, page 25

### DICENTRA—Bleeding Heart.

**Spectabilis**. An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. Perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. (See cut.) Each, 25c



Delphinium (Plant and Flower Spike.)

**DIGITALIS—Foxglove**. Old-fashioned, hardy, desirable plants with broad foliage and showy flowers borne on spikes. June and July. 3 to 4 feet. Mixed colors.

**Montrosa (Giant Foxglove)**. Handsome, variously colored flowers in spikes surmounted with one large, saucer-shaped terminal flower. Each, 25c

**DORONICUM—Leopards Bane**. One of the most effective early flowering perennials. Very large, rich yellow single flowers with long stems during May, June and July; 2 feet. Often called Yellow Marguerite.

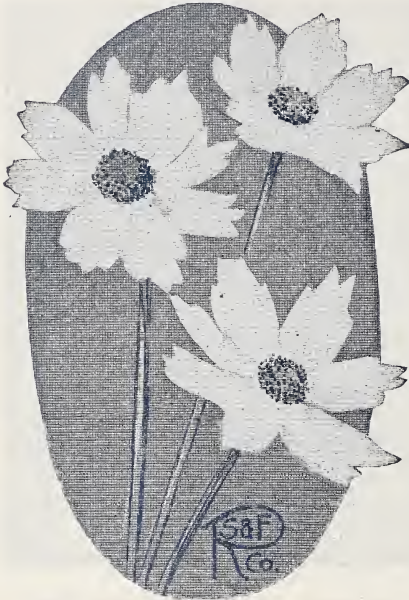


Dicentra—Bleeding Heart.

**Annual Flowering Plants**.—During April and May we have thousands of Plants for porch boxes, beds and border. See Seed Catalog, or write for special list.

## Hardy Perennial Flowering Plants—Continued

**PRICES**—All varieties, strong, field-grown plants, 15c each, \$1.50 dozen, unless otherwise priced. Largest plants always sent when ordered by express or freight.



*Coreopsis Lanceolata.*

### EULALIA

**Japonica Variegata.** A very ornamental variety; long, narrow leaves, striped green, white and often pink or yellow. Small plants 15c to 25c; clumps 50c to 75c ea

### FORGOT-ME-NOT—Myosotis

**Palustris.** A variety that is hardly ever out of flower; useful in a shady spot in the border.

### GAILLARDIA—Blanket Flower

**Grandiflora.** One of the showiest of perennials. Rich and pleasing flowers ranging from red to yellow around a dark maroon center; excellent for cutting; 3 feet; June to frost.

### GYPSOPHILA—Baby's Breath

**Paniculata.** Minute white flowers borne in enormous quantity in open panicles during summer months. Be sure and have a few plants of this for cutting, as it works up beautifully in bouquets of other flowers; 3 feet.

**Paniculata Fl. Pl.** New. Delicate double white flowers. Very pretty. Each, 25c

**HOLLYHOCKS.**—Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery they are invaluable. The flowers form perfect rosettes of the most lovely shades of color. We offer strong plants, which will flower this season. Separate or mixed colors.

### HELIANTHUS—Hardy Sunflowers.

**Multiflorus Maximus.** A gigantic single variety; 5 feet, golden-yellow; August to September. One of the finest yellow flowers in great profusion during

**Multiflorus Fl. Pl.** Large, double, golden-July and August; 4 feet.

**Soleil d'Or.** Deep golden-yellow, quilled petals, not unlike a Dahlia; 4 feet. August and September.

**Sparsifolius.** Gracefully formed single variety, large, deep yellow color, long stems; splendid for cutting; August to September; 6 feet.

### HYPERICUM—St. John's-wort.

**Moserianum (Gold Flower.)** Of drooping, training nature. Fine for rockeries, etc. Free flowering. Rich golden-yellow. June to frost. Each, 15c; large plants, 25c

### IBERIS—Hardy Candytuft.

**Sempervirens.** Most desirable dwarf plants with evergreen foliage, which is completely hidden with dense heads of white flowers early in the spring.

### LUPINUS—Lupine.

**Polyphyllus.** An effective plant, producing large, long spikes of blue flowers. June. Each, 20c

**Roseus.** A very pretty variety with rosy-pink flowers. Very effective; 3 feet. June. Each, 20c

### PAPAVER—Hardy Poppy

**Nudicaule (Iceland Poppy.)** A beautiful race and among the most desirable of our herbaceous plants. The plant forms tufts of fern-like foliage, from among which the slender flower-stalks rise to about a foot in height and bear fragrant, cup-shaped flowers of white, yellow and orange-scarlet. The profusion of bloom is astonishing. June to October.

**Orientele.** Bright red with a black blotch at the base of each petal. June to July.

**Oriental Brilliant.** Bright vivid scarlet. Each, 20c to 25c



*Orientele Poppy.*

**PRICES:** All varieties, strong field-grown clump, 15c each, \$1.50 dozen, unless otherwise priced. Largest plants always sent by Express or Freight.

## Hardy Perennial Flowering Plants—Continued

### PAMPAS GRASS.

A noble ornamental grass, easily grown, producing long, narrow pointed leaves and majestic, silvery white plumes, which are very valuable for winter decoration. Grows 6 to 8 feet high.

**Gynurium Argentum.** Young plants, 15c to 25c; strong roots, 35c to \$1.00; large specimen plants, \$1.50 to \$2.50 up.

### PHLOX.

**Decussata.** Among the hardy perennial plants no class is of more importance than the Phloxes, succeeding in almost any soil and position, and flowering through a long season. Excellent for cutting and decorating or for mass effects. Keep well in water.

**Mixed Colors.** Each, 15c; doz., \$1.50 post-paid.

#### Choice Named Varieties.

**Price, Each, 15c; doz., \$1.50 postpaid.**

**Bridemaids.**—White with pink eye.

**Coquelicot.**—Pure scarlet, crimson eye.

**Champs Elysee.**—Bright rose magenta.

**Mrs. Lingard.**—White.

**Von Goethe.**—Tyrian rose, suffused carmine.

**Obergartner Wittig.**—Bright magenta, crimson eye; large flowers of finest type.

#### Extra Selected Varieties.

The following new sorts have immense panicals of blooms.

**Price, each, 20c; doz., \$2.00 postpaid**

**Mrs. Jenkins.**—Immense white flowers.

**Gen. van Hentsz.**—Brilliant salmon-red, white eye.

**E. P. Struthers.**—Bright rosy-carmine, red eye.

**Eugene Danzenvillier.**—Lilac, shading to white.

**Gruppenkoenigin.**—Beautiful salmon.

**Henry Fleiderer.**—Elegant salmon pink.

#### Other Hardy Varieties.

**Subulata (Moss, or Mountain Pink).** An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

**Pure White, Lavender, Purplish White, Bright Rose, or Mixed.** Each, 15c; doz., \$1.50 postpaid.

**Amoena.**—Best for carpeting the ground, the rockery or the border; it grows but 4 inches high, and in spring is a sheet of rich, bright pink flowers.

**Each, 15c; doz., \$1.50**

**Divaricata Laphami.** Worthy of extensive planting, commencing to bloom early in April and continuing through May; large fragrant lavender flowers on long stems.

**Each, 15c; doz., \$1.50**

### PINKS—Dianthus.

**Plumaris.** Bearing sweet clove-scented flowers in the greatest profusion during May and June. Indispensable for the hardy border and for cutting. 1 foot.

**Finest colors. Mixed.**

### PRIMULUS—Primrose

The hardy primroses are among the most beautiful and interesting of our early spring flowers.

**Veris (English Cowslip).** The richest shades, from pure yellow to the deepest crimson maroon.

**Vulgaris.** Canary yellow, very early and fragrant.

### RUDBECKIA—Cone-flower

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

**lancheatus (Golden Glow).** Flowers beautiful golden-yellow; very double. Marvelous continuity of bloom from June till late fall; 6 to 8 feet.

### SHASTA DAISY—Burbank

**Chrysanthemum Leucanthemum Daisy.** Very large daisy-like flowers, often measuring 4 to 5 inches across, having three or more rows of petals of the purest white. Flowers produced in great profusion on long strong stems. Very popular; 2 to 3 feet.

**Each, 10c, 15c and 20c**



Shasta Daisy.

### SWEET WILLIAM—Dianthus Barbatus

(Hardy Biennial). This fine old-fashioned flower is always desirable and makes a fine show in bloom, June to September. The new improved types are rich and charming. **All colors mixed.**

### TRITOMA—Red-Hot Poker

The early, free and continuous blooming qualities of the newer varieties have made Tritomas one of the great bedding plants; 3 to 4 feet flower spike.

### VIOLETS

**California.** Single. Very showy and beautiful.

**Double Russian.** Flowers double of gigantic size; color, a very rich shade of blue, and extremely fragrant.

**Small Plants,** single or double and blue or white. **10c each; \$1.00 per dozen**

**Clumps.** We generally have strong Clumps in early spring at **25c each; \$2.50 dozen.**

### WALLFLOWERS

The old favorite fragrant Wallflower. **Yellow or Dark Brown (Red).** Each 15c; doz., \$1.50.

**REMEMBER:** All prices of above stock is 15c each, \$1.50 dozen (unless otherwise priced) and is for large 2-year, field-grown clumps, that will bloom profusely the first season.

## INDEX TO OUR TWO-YEAR-OLD ROSES

On this page we give an alphabetical list of all the roses we have to offer in two-year-old sizes together with the prices of same and the pages in our catalog on which they will be found described. Remember that our two-year-old roses are field grown, with strong, heavy branches and ample roots. They must not be confounded with the so-called two-year-old roses as sold by some nurserymen and mail order houses.

NAME	Page	Price	NAME	Page	Price	
American Beauty	29	\$.35	\$.50	Madame Maurice de Luze	28	.75
American Pillar	34	.40		Madame Melanie Soupert	31	.50
Avoca	29	.40	.50	Madame Ravery	31	.50
Baroness Rothchild	28	.35	.50	Madame Segond Webber	28	.50
Blanch Moreau	32		.35	Maman Cochet	28	.35
British Queen	27		1.25	Mme. Cecile Brunner	28	.35
Chateau de clos Vougeot	29		.75	Marechal Neil (Clb.)	33	.35
Chateau de Napoleon	32		.35	Marie Van Houtte	30	.35
Clb. Kaiserin	33	.35	.50	Marquis de Sinety	30	.60
Clb. Madam Caroline Testout	33	.40	.50	Melody	30	1.50
Clb. Richmond	33		.75	Memorial Roses	34	
Clb. Meteor	33	.40	.50	Mildred Grant	29	.40
Clb. Papa Gontier	33	.50	.60	Miss Cynthia Forde	28	1.00
Clb. Safrano	33		.40	Moss Roses	32	
Clb. Wootton	33	.40	.50	Mrs. A. Waddell	32	.50
Crimson Rambler	34			Mrs. Aaron Ward	31	.50
Dorothy Page Roberts	31	.50	.60	Mrs. Frank Bray	31	1.00
Dorothy Perkins	34	.25	.50	Mrs. Foley Hobbs	27	1.00
Duchess of Wellington	30		.75	Mrs. Muir Maclean	29	1.00
Dr. W. Van Fleet	33	.50		My Maryland	32	.40
Flower of Fairfield	34	.35	.50	Old Gold	32	2.50
Florence Pemberton	37	.40	.50	Papa Gontier	29	.35
Frau Karl Druschki	27	.35	.50	Pink Frau Karl Druschki	28	.75
Eugene Verdier	32		.35	Perle Des Jardines	30	.35
General McArthur	29	.35	.50	Prince Camille de Bohan	29	.35
General Jacqueminot	29	.25	.50	Pillar of Gold	33	.50
Geoffrey Henslow	31		1.00	Rayon d'Or	30	1.00
George Dickson	29		1.50	Reine Marie Henriette (Clb.)	33	.35
Glorie de Dyon (Clb.)	33	.40	.50	Rhea Reid	29	.40
Glorie Lyonnaise	27	.25	.35	Richmond	29	.35
Hiawatha	34	.35	.50	Rosa Rugosa, white or red	34	.35
His Majesty	29		.75	Safrano	30	.35
Hugh Dickson	29	.35	.50	Silver Moon	33	.50
J. B. Clark	29	.35	.50	Souv. de Pierre Notting	30	.35
Jonkeer J. L. Mock	31	.50	.60	Souv. de Pres. Carnot	28	.40
Joseph Hill	28		.50	Sunburst	30	.75
Juliet	31	.60	.75	Tausendschon — Thousand Beauties	34	.35
Kaiserin Aug. Victoria	27	.35	.50	Tree Roses	32	1.00
Killarney	28	.35		Ulrich Brunner	29	.25
Lady Battersea	29	.35	.50	Verichenblau	34	.35
Lady Gay	34	.35	.50	White Dorothy	34	.35
Lady Hillingdon	30		.75	White Killarney	27	.35
Lady Ursula	28	.50	.60	White Rambler	34	
La France	28	.35	.50	White Maman Cochet	27	.35
Lyon	31	.50	.60	Weeping Tree Roses	32	1.50
Mable Drew	30		1.00	Winnie Davis	28	.35
Madame Alfred Carrier (Clb.)	33	.35	.50	Wichurian Alba and Rubra	34	.35
Madame Caroline Testout	28	.25	.50	Willowmere	32	2.50
Madame Hoste	30	.35	.50	Yellow Rambler	34	.25
Madame Leon Pain	28	.35	.50			

**DOZEN PRICES.**—We give you our 35c. selected two-year-old Bushes at \$3.00 doz.; our 40c and 50c extra selected at \$4.00 doz. On higher priced kinds multiply the single price by 10 to get the dozen price. We can supply the ordinary grade of 25c bushes at \$2.50 doz. For one-year-old, see our Spring Seed catalog ready Jan. 1st.

### SHIPPING AND DELIVERY

We can fill orders for our large two-year rose bushes any time from October to May—the best months are November, December, January, February and March.

**By Mail.**—This year we will send 2-year-old bushes by mail postpaid at above prices. (See instructions inside front cover) but in such cases we always prune the tops and roots, ready for planting, as they carry safer.

**By Freight or Express.**—We generally send our 2-year-old rose bushes by express or freight, packing them so they will ship safely, even though they should be on the road for two weeks or more. Should they be dry on arrival, lay them on the ground and throw a few inches of damp dirt on roots and tops. Leave for 3 or 4 days.

**TRUE TO NAME.**—We guarantee all roses true to label to the extent that we will replace FREE OF CHARGE any that may prove otherwise. If the varieties of the roses ordered cannot be supplied or bought locally, others equally as good or better and correctly labeled will be substituted, UNLESS OTHERWISE ORDERED.

## For your convenience—Classification under colors

Read this—This year we have arranged our roses all under their predominating color, which appeals to us as the most convenient way. While the descriptions are necessarily short on account of limited space, you will get class, color and main points of merit. We have tried to eliminate all out-of-date and inferior sorts. If you want roses for hedging or special beds for certain effects, we will gladly make selections for you or give you our opinion.

NOTE—Alphabetical Index of all varieties with prices on preceding page.

### White Roses

**BRITISH QUEEN (H. T.).** Pure white, large full flowers of exquisite form, opening freely in all weathers; promises to be one of the best white roses for bedding and cutting. Surpassing "Druschki" in beauty of form and purity. **Each, \$1.25**

**FRAU KARL DRUSCHKI (H. F.)** This magnificent variety has taken first prize at all the great flower shows in Europe and America, and is undoubtedly one of the grandest, hardy, pure-white roses ever introduced. Makes splendid buds and immense flowers; vigorous grower, and a constant and abundant bloomer. A splendid variety for hedges.

**Each, 25c, 35c and 50c**

**MRS. FOLEY HOBBS (T.).**—A veritable giant among Tea Roses. The huge thick shell-shaped petals produce a bloom of grand size and build, while the length of stems are remarkable. Color delicate ivory white delicately tinged pink on edge of petals. Deliciously scented. A grand bedding rose. Gold Medal N. R. S.

**Each \$1.00**

**WHITE KILLARNEY.**—A vigorous hybrid tea of recent introduction. Its long, pointed buds, excellent substance and delicious odor recommend it to every lover of the rose. Color, white, lightly suffused with pale pink. **Each, 35c and 50c**

### White Showing Some Cream or Pink

**GLOIRE LYONAISE (H. T.).**—Color chamois yellow; deepest at the center, passing to creamy white; large, full, sweet and very distinct. **Each, 25c and 35c**



White Killarney.

**FLORENCE PEMBERTON (H. T.).**—Creamy white, suffused pink; the edge of the petals occasionally flushed peach; flowers very large and full, of perfect form; one of the finest roses. **Each, 40c and 50c**

**KAISERIN AUGUSTA VICTORIA (H. T.).**—A beautiful rose, with elegant, large, pointed buds, and very large, full double flowers; color delicate creamy white; deliciously fragrant. The plant is a strong, healthy grower and constant bloomer; one of the choicest and most trustworthy garden roses; very popular.

**Each, 25c, 35c and 50c**

**MILDRED GRANT (H. T.).**—Moderate, silvery white, shaded peach; blooms large with high pointed center; not a very free grower, but so beautiful that every collection should include it. **Each, 40c and 50c**

**WHITE MAMAN COCHET (T.).**—The name describes this new rose—pure white, grand substance; immense size, exquisitely fragrant and a free bloomer; buds long and pointed; very popular. **Each, 35c and 50c**



Mrs. Foley Hobbs.

**DOZEN PRICES.**—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. Complete index page 26.

**DOZEN PRICES**—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. Complete index page 26.

## Pink

**BARONESS ROTHCHILD (H. P.)**—Large size, fine globular form; color bright rosy pink.

Each, 35c and 50c

**JOSEPH HILL (H. T.)**—Vigorous; beautiful clear salmon pink. Outside of petals shaded pink, orange and copper; bloom large, full and perfect form.

Each, 60c

**KILLARNEY**—It mildews so badly we do not recommend it. Use Madame Leon Pain in place of it.

**LA FRANCE (H. T.)**—Perhaps no rose is better known or more highly valued than La France; both flowers and buds are of grand size; color a silvery pink; a general favorite.

Each, 25c, 35c and 50c

**LADY URSULA (H. T.)**—Truly magnificent, of vigorous, erect growth and free-blooming qualities. Flowers are very large, full and of great substance and perfect form, with high center, from which the petals gracefully reflex; color, a delightful shade of flesh pink; delicately tea-scented.

Each, 50c and 60c

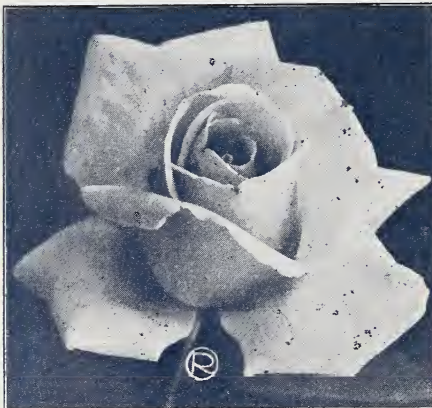
**MADAME CAROLINE TESTOUT (H. T.)**—Probably no rose stands higher in public estimation today than this elegant rose. It is a vigorous,

healthy grower and profuse bloomer. Has no equal for massing or hedging. The petals are large, of elegant form, brilliant pink, exquisitely edged and bordered with clear, silvery rose; both flowers and buds are extra large and of very elegant form.

Each, 25c, 35c and 50c

**MADAME LEON PAIN.**—A most wonderful beautiful rose. Perfect in outline and form. Salmon-pink overlaid with silvery-white, center yellow, a lovely combination of colors. Similar, but better than Killarney.

Each, 35c and 50c



Miss Cynthia Ford.

**PINK FRAU KARL DRUSCHKI (H. P.)**—This beautiful rose caused a sensation when first exhibited. A very vigorous grower of erect branching habit. Flowers tender rose-tinted yellow, large and full. On account of its size and color this variety will soon gain the same popularity as the famous White Druschki.

Each, 75c



Lady Ursula.

**MAD. MAURICE DE LUZE (H. T.)**—One of the most satisfactory roses of its color; it has splendid large cupped flowers, with heavy petals of a live, rich, rose-pink, with carmine center, the reverse of the petals shading lighter; a vigorous grower, free-flowering and very fragrant.

Each, 75c

**MAD. SECOND WEBBER (H. T.)**—A magnificent light rosy salmon. Buds long and pointed that expand into flowers of immense size. In its particular color there is nothing to touch it. It blooms with remarkable persistence, and it is unusual to see an imperfect bud or flower. As a cutting rose it is of premier quality.

Each, 50c and 60c

**MAMAN COCHET (T.)**—This is one of the most beautiful Tea Roses we list; extensively planted and very popular; the color is a deep, rosy pink, the inner side of petals silvery rose.

Each, 35c and 50c

**MADEMOISELLE CECILE BRUNNER.**—Dwarf Polyanthus. Exquisite little roses, dainty and pointed in the bud, bright salmon pink, showing yellow in the center.

Each, 35c and 50c

**MISS CYNTHIA FORDE (Hugh Dickson, 1909).**—This rose possesses in a superlative degree the essential points of an ideal garden rose, viz., size, form, brightness, vigor and habit. In color it is a deep brilliant rose-pink, very large, perfectly formed and very full. It is sweetly perfumed and lasts a long time in good condition. Gold medal N. R. S.

Each, \$1.00

**SOUV. DE PRESIDENT CARNOT (H. T.)**—Of extraordinary beauty, very large, full, deep and deliciously sweet; lovely shell pink, delicately tinted with golden fawn on rich, creamy white; superb.

Each, 40c and 50c

**WINNIE DAVIS (H. T.)**—A fine new American pedigreed rose. Color, rich apricot-pink, shaded to flesh at base of petals. Beautifully formed buds and flowers; very free in growth and bloom.

Each, 35c and 50c

**SPECIAL**—All rose bushes sent prepaid this year as we are employing no agents—see note inside front cover.

## Scarlet—Bright Red

**AMERICAN BEAUTY (H. P.)**—It is a quick grower, constant bloomer, making magnificent buds and large, bold flower; color rich, rosy red, shaded in the most charming manner. **Each, 35c and 50c**

**GENERAL JACQUEMINOT (H. P.)**—Bright shining crimson scarlet; very rich and velvety; exceedingly brilliant and handsome; one of the best and most desirable for open ground. **Each, 25c, 35c and 50c**

**GENERAL McARTHUR (H. T.)**—Color, brilliant scarlet; one of the most fragrant of the June scented roses and a true ever-bloomer; a perfect garden rose. **Each, 35c and 50c**

**J. B. CLARKE (H. T.)**—New Irish variety of great merit, either for garden decoration or for cut flowers. The color is bright scarlet; petals large, shell-shaped and of immense substance; flowers very large, full and perfectly formed; growth vigorous and free-branching habit; flowering freely and continuously from early in summer until late in autumn. **Each, 35c and 50c**

**LADY BATTERSEA (Red Niphetos) (H. T.)**—Long, oval, pointed buds; the color is a

bright, cherry crimson; an unusually showy variety. **Each, 35c and 50c**

**PAPA GONTIER (T.)**—Large and semi-double; a vivid cherry red color, shaded yellow; reverse of petals crimson. Prized highly for its beautiful pointed buds. **Each, 35c and 50c**

**RHEA REID (H. T.)**—A new rose of great merit. Elegant long buds and large flowers of great beauty. Color, a vivid scarlet. Strong and healthy, free bloomer. **Each, 40c and 50c**

**RICHMOND (H. T.)**—A splendid new American rose of great merit; strong in growth; splendid foliage and long stems; color a magnificent, rich scarlet-crimson; the most vivid we have yet seen among ever-blooming roses, profuse bloomer. **Each, 25c, 35c and 50c**

**ULRICH BRUNNER (H. P.)**—This is really a magnificent rose; extra large, bold flowers, full and globular; petals large and of good substance; color rich, glowing crimson, elegantly flamed with scarlet; a good grower and free bloomer. **Each, 25c, 35c, 50c**

## Crimson—Deep Red

**AVOCA (H. P.)**—Brilliant velvety-crimson with large smooth petals and high pointed center; buds very long; flowers of largest size and sweetly perfumed. Awarded gold medal of National Rose Society of England. This is catalogued abroad as a Hybrid Tea; in America it is a Hybrid Perpetual. **Each, 40c and 50c**

**CHATEAU DE CLOS VOUGEOT (H. T.)**—A very rich, fiery scarlet shading to deep velvety crimson; immune from black spot and mildew. The flowers are large, full and globular and are borne singly on good stems. It is delightfully fragrant, a prolific and continuous bloomer. **Each, 75c**

**HUGH DICKSON (H. P.)**—Brilliant crimson, shaded scarlet; good size and fine form; petals slightly cupped and reflexed; highly perfumed. **Each, 35c and 50c**

**HIS MAJESTY (H. P.)**—The *Crimson Frau Karl Druschki*. Another rose classed by some as a Hybrid Tea. Dark, deep crimson, shaded deep vermilion-crimson towards the edges. The blooms are full, of great size, having wonderful substance and depth of petal, with high pointed center. It is also one of the sweetest perfumed roses in cultivation. Awarded gold medal N. R. S. 1908. A grand all around Red Hybrid. **Each, 75c**

**MRS. MUIR MACKEAN (H. T.)**—A new rose of special merit. In color it stands unique and quite distinct, bright carmine crimson, without shading; a grand, bold, well-built flower, perfect in shape and form, of the most modern type, extra perpetual flowering. A grand exhibition and garden rose, with a perfect habit of growth, and most attractive and pleasing color; a really superb variety; fragrant. Award by the N. R. S. **Each, \$1.50**

## Dark Red

**GEORGE DICKSON (H. T.)**—Very strong and vigorous, upright growth, flowers of the largest size; perfect in shape and unique in color, being a velvety blackish crimson with the back of the petals heavily veined with pure crimson maroon. Delightfully scented. Pronounced by all who have seen it to be unequalled to date. Awarded the gold medal by National Rose Society. **Each, \$1.50**

**PRINCE CAMILLE DE ROHAN (H. P.)**—Very dark, rich, velvety crimson, passing to intense maroon, shaded black; one of the darkest roses and very handsome. Aside from George Dickson we believe it the best of all dark velvety roses. **Each, 35c and 50c**



His Majesty.

**DOZEN PRICES.**—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. Complete alphabetical index page 26.

Marshfield, Ore., April 21, 1914.  
Routledge Seed & Floral Co.  
Gentlemen: I have tried other seed-houses and roses have not come true to name, but have always found your seeds and plants good.  
Yours truly,  
MRS. JENNIE LANDRITH.

## The Best Yellow Roses

**DUCHESS OF WELLINGTON.**—Intense saffron-yellow stained with rich crimson, which, as the flower develops, becomes deep coppery saffron yellow. Delightful fragrance; a great acquisition for garden or decorative purposes. **Each, 75c**

**LADY HILLINGDON (T.)**—Deep apricot yellow, long and pointed bud, a fine forcing or garden rose, excellent for cutting. Flowers are of good substance, very lasting and foliage handsome and luxuriant. Lady Hillingdon is considered the best decorative rose in its class. This aristocratic beauty is a seedling from Papa Gontier and Madame Hoste. **Each, 75c**

**MABEL DEEW (Dickson & Sons).**—A magnificent rose, exquisitely shaped, with smooth, circular petals of great substance, arranged in perfect symmetry. The blooms are large and full. The color is deep cream, passing to intense canary-yellow in the center as the bloom develops, with a delicious perfume and sturdy, vigorous growth. Awarded a gold medal by the National Rose Society. **Each, \$1.00**

**MARQUISE DE SINETY (T.)**—Everyone who has seen this beautiful rose is enthusiastic over it. The buds are of a rich yellow-ochre, suffused with carmine; the expanded flower, which is of good size, is fairly double, of perfect cupped shape, and of a rich folden-yellow or Roman ochre, shaded rosy-red, delightfully fragrant. A splendid garden rose for summer blooming; vigorous and hardy. One of the grandest of the new roses. **Each, 60c and 75c**



Duchess of Wellington

**MADAME HOSTE (T.)**—Creamy yellow, with deep buff yellow, center; very large and delicately sweet, a constant and profuse bloomer; one of the finest sorts in cultivation. **Each 35c and 50c**

**MARIE VAN HOUTTE.**—Of a fine, straw-yellow color; outer petals washed and shaded with a bright rosy carmine; occasionally the whole flower will be suffused with light pink. **Each 35c and 50c**

**MELODY.**—New Irish rose. A magnificent golden yellow hybrid tea. A new product of the famous rosarians, Alexander Dickson & Sons, who describe this wonderful rose as being of a "lovely shade of yellow, deepening to apricot in the center, perfect in form and very double, one of the handsomest yellow roses, and as a garden rose cannot be surpassed. The bush is hardy, vigorous and constantly in bloom." **Each \$1.50**

**DOZEN PRICES.**—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. See complete alphabetical index page 26.



Rayon d'Or.

**PERLE DES JARDINS (T.)**—Beautiful, clear, golden yellow, entirely distinct from any other variety. **Each 35c and 50c**

**RAYON D'OR or GOLDEN RAYS (Pernet Ducher, 1910).** A gorgeous new golden-yellow rose. A strong grower, with glossy foliage, which appears immune to the attacks of mildew. Flowers large, of globular form, color beautiful yellow as the buds begin to expand, toning to golden-yellow as they fully develop; a superb rose. **Each, \$1.00**

**SAFRANO (T.)** Bright apricot yellow, tinged orange and fawn; valued highly for its beautiful buds; very profuse in bloom, and deliciously tea scented. **Each 35c and 50c**

**SUNBURST (H. T.)** This new variety is a veritable giant among yellow roses, throwing up heavy canes clothed with most ornamental foliage and crowned with immense buds and flowers. The buds are very long and of the most beautiful form, opening into a gorgeous colored flower. The color is a rich cadmium yellow shaded orange yellow. **Each, 75c**

**SOUV. DE PIERRE NOTTING (T.)** Very large, perfectly full; of elegant form; has a beautiful, long bud; color apricot yellow; very desirable. **Each 35c and 50c**



Perle Des Jardins.



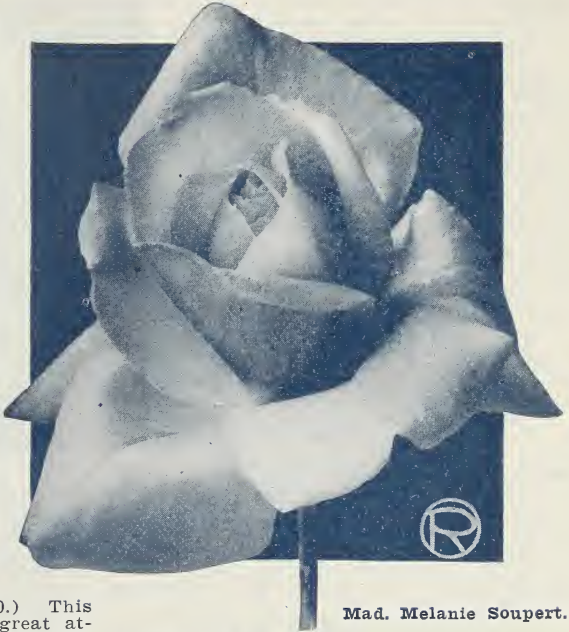
## Combinations of Yellow, Orange, Red or Pink

**DOROTHY PAGE ROBERTS (H. T.)**, Coppery pink, suffused with apricot yellow, very free and profuse bloomer, a delightful garden rose. Each, 50c and 60c

**GEOFFREY HENSLOW**. In the production of this variety we have achieved a marvelous advance in the shade of color so much desired in this class. It is a delightful orange-crimson, of great brilliancy. The blooms are freely produced, and are large, full and of perfect imbricated globular form; the petals are smooth, circular, and of great substance. The growth is vigorous and erect, with charming green foliage. A good exhibition flower and a most valuable addition, the color being so attractive and distinct. Deliciously pure rose perfume. Each, \$1.00

**JONKEER J. L. MOCK (H. T.)**. A magnificent and unique rose. Inside of petals red, outside bright pink. Of fine form, good substance and largest size. A strong, rapid grower and free bloomer. This rose has been awarded eight prizes at the recent European shows. Each, 50c and 60c

**JULIET** (Wm. Paul & Son, 1910.) This beautiful variety has attracted great attention in England during the past two seasons, and when better known is certain to become as popular with us. It is a most distinct and attractive novelty, with large, perfect flowers. The outside of the petals is old gold, the interior rich rosy-red, changing to deep rose as the flowers expand; of powerful, delicious fragrance; greatly admired. Each, 60c and 75c



Mad. Melanie Soupert.

**MRS. FRANK BRAY** (Dickson & Sons). This is a great advance on the lovely and justly esteemed Mme. Ravary, which until now was the best of its color amongst the decorative or garden varieties. Mrs. Frank Bray during its several years' trial has proven immensely superior to its prototype, not only in vigorous growth but also in color, which is a rich deep coppery-ecru, developing as the flower opens to a very delicate coppery-fawn with a shading of ivory shell-pink. Each, \$1.00

**LYON ROSE (H. T.)**. The flowers are of a superb shrimp pink color, with salmon and chrome yellow shadings, beautiful beyond description; large buds, magnificently formed; petals elegantly formed and large; flowers full, very large and on stiff stems. Bound to become one of the best known varieties. Each, 50c and 60c

**MAD. RAVARY (H. T.)**. Vigorous; salmon fawn, often golden orange; free and continuous bloomer; a fine rose. Each, 50c

**MAD. MELANE SOUPERT (H. T.)**. Vigorous, saffron yellow suffused with carmine and pink, very large, free blooming, and one of the most beautiful and distinct sorts. A great favorite. (See cut.) Each, 50c and 60c

**MRS. AARON WARD (H. T.)**. This rose is a real joy to the grower and absolutely distinct. One of the most delightful roses of recent years in a color that catches the eye at once. Coppery-orange in the open bud, golden-orange when partly developed, pinkish-fawn of lovely shade when fully open, when it looks like a full fluffy-silk rosette. No wonder everybody that sees it falls in love with it; one of the most beautiful roses in existence. Each, 50c and 60c

For Rose Stakes, Sprays, Pruners, Fertilizers, Etc., see index, page 3.



**Ulrich Brunner.**  
Beautiful free-  
Flowering Rose.  
Very fine for mass-  
ing or hedges.

**DOZEN PRICES.**—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. See complete index of Roses, page 26.

## Combinations of Yellow, Orange, Red or Pink—Continued

**NOTE**—If you want rich color in your yellow and orange roses, protect them from the hot sun or plant in partially shaded places.

**MRS. A. WADDELL (H. T.)** A lovely new color; deep reddish apricot toned with salmon. Same form as Papa Gontier, but with much longer buds. It is a vigorous grower and constant bloomer, and incidentally a wonderful advance in roses approaching this color. **Each, 50c and 60c**

**MY MARYLAND.** The vigorous growing and free blooming habit of this rose is little less than marvelous. The flowers are somewhat globular in form, very full with shell-shaped petals of waxlike texture. The color is a bright glowing pink, each petal being shaded lighter at its base. We know of no rose which produces fine flowers so freely as does this sort. Very hardy and apparently immune from disease. **Each, 40c and 50c**



Mrs. Aaron Ward.

**OLD GOLD.** (McCredy & Son.) This is undoubtedly the most beautiful decorative rose in existence, and the most glorious color that has ever been seen in any rose; the tint is a vivid reddish orange with rich coppery red and coppery apricot shadings. Holds its color well. A gem for cut flowers and all kinds of decorations—the long, dainty buds as well as the open flowers lasting a long time in perfect condition. Its dark coppery foliage forms a delightful contrast; it is sweetly scented; continuous flowering; a good grower; and absolutely mildew proof. Awarded the gold medal of the National Rose Society, 1912. **Each, \$2.50**

**WILLOWMERE.** A very vigorous grower of erect branching habit, with few thorns, light green foliage, long carmine coral red bud carried on long, stout flower stalks, very large flower, full and of elongated cup shape, coloring of a rich shrimp pink, shaded yellow in the center and toning to carmine pink towards the edges of petals. This superb novelty was greatly admired and commented on at the Royal International Horticultural Exhibition, London last year. A great improvement over the Lyon Rose in color, form, growth and hardiness. **Each, \$2.50**

### Moss Roses

Strong, vigorous growers, much admired for moss-covered buds; hardy; most varieties bloom but once in a season, but remain for a long time and very handsome.

**Price, 35c each**

**BLANCH MOREAU.** Best pure white.

**CHAPEAU DE NAPOLEON.** Beautiful pink.

**EUGENE VERDIER.** Best Red Moss.

### Standard or Tree Roses

Prices, \$1.00 to \$1.50 each, according to size and shape of head.

Tree Roses are budded or grafted on hardy rose stocks, about four feet high. They soon make good-sized heads, forming a small tree, especially desirable for planting as single specimens in back grounds or rows along walks or driveways.

Not all varieties are obtainable, but order any color or variety you wish, and we will send it or give you as good a substitute in same color as possible.

### Weeping Tree Roses

These are produced by budding the trailing varieties on four or five-foot standards. They are very showy and quite a novelty.

**Each, \$1.50 to \$2.00**



Tree Rose—Frau Karl Druschki.

Some Charge More, But No One Offers Better, Stronger, Healthier, True-to-Name Rose Bushes Than We. See Complete Index and Price List Page 26.

## Climbing Roses. Hardy, Large Flowering

The lavish profusion of bloom on climbing Roses, literally hundreds of flowers on each plant, their beautiful colors and exquisite fragrance render them unequalled for covering houses, arbors, pergolas, fences and boundary walls. Every home should have a few of these climbing Roses gracing its porches and corners, which will in time reach to second-story windows and bring much enjoyment to their owners, as well as being the admiration of all who see them in bloom.



Climbing Papa Gontier.

### CLIMBING MADAME CAROLINE TESTOUT.

The greatest acquisition to our list of climbing roses for a number of years. Covered during the season with immense globular flowers of the same beautiful shade of pink as seen in the bush sort. Without doubt the finest pink climbing rose to date. Is being planted freely in all Pacific Coast states. **Each, 40c and 50c**

**CLIMBING KAISERIN (Mrs. Robt. Peary.)** Flowers fine ivory white; a grand addition to our list of climbing roses. **Each, 35c and 50c**

**CLIMBING METEOR.** Very free flowering. All through the growing season it produces rich, dark, velvety crimson flowers perfectly double. **Each 40c and 50c**

**CLIMBING PAPA GONTIER (T).** Same as the old favorite bush Papa Gontier, having the same splendid, cherry-red flowers, but of a strong climbing habit of growth. **Each, 50c and 60c**

**CLIMBING RICHMOND (H. T.)** Very free vigorous sport of this valuable crimson rose, identical with the original except in habit, should prove one of the best climbing novelties of recent years, both for conservatory and outdoor work. **Each, 75c**

**CLIMBING SAFRANO (Reve d'Or).** A strong climber; color orange yellow, or deep saffron; good size; full and sweet. **Each, 40c and 50c**

**CLIMBING WOOTTON.** A strong and rampant climber, growing in one season to a height of 10 to 15 feet, with large and heavy insect-proof foliage, it produces superbly formed buds and flowers in wonderful profusion. They are bright red, passing to violet-crimson, richly shaded. **Each, 40c and 50c**

**DR. W. VAN FLEET, Wichuriana.** Flowers when open run four inches and over in diameter. The center is built high, petals beautifully undulated and cupped. The color is a remarkable delicate shade of flesh-pink on the outer surface, deepening to rosy-flesh in the center. The flowers are full and double, of delicate perfume; buds pointed. It very much resembles Souv. de Pres. Carnot in color. Superb. **Each, 50c**

**GLOIRE DE DIJON.** Noted for the great size of its flowers, its delicate tea scent, and its shades of color, being a blending of amber, carmine and cream; a magnificent climber. **Each, 40c and 50c**

**MADAM ALFRED CARRIERE.** Extra large, full flowers; very double and sweet, and a most profuse bloomer; color rich, creamy white, faintly tinged pale yellow. **Each, 35c and 50c**

**MARECHAL NEIL.** A magnificent, deep golden yellow variety; so famous as to need no description; grown the world over for its immense yellow flowers; the finest rose of its color in existence. **Each, 35c, 50c and 75c**

**PILLAR OF GOLD.** A most vigorous climber; produces large, double buds and flowers of perfect form. Color, rich apricot, shaded with carmine and Indian red. A rare colored variety and very desirable. **Each, 50c**

**REINE MARIE HENRIETTE.** Vigorous grower; flowers large, full; color glowing crimson; elegantly shaded. **Each, 35c and 50c**

**SILVER MOON.** A magnificent white climber, cross of Wichuriana and Cherokee, large, semi-double blooms of good substance with golden stamens. Flowers are carried on long stems. Foliage is abundant, delightfully fragrant, of a bronze green color and is immune to mildew. **Price, each, 50c**

Note—For complete index of Roses, see page 26. We discarded 39 old and added 20 new varieties this year—we try to keep up-to-date.

## RAMBLER OR PILLAR ROSES

The following climbing Roses all grow vigorously, and are profuse bloomers. The flowers are borne in large clusters. They all belong to the polyanthus class, or more commonly known as the Ramblers.



Flower of Fairfield.

**AMERICAN PILLAR.** A single-flowering variety of great beauty, which appeals to everyone. The flowers are of enormous size, three to four inches across, of a lovely apple blossom pink, with a clear white eye and cluster of yellow stamens. These flowers are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten. They last in perfection a long time, and are followed by brilliant red hips or berries, which are carried late into the winter; and as the plant frequently retains its lovely green foliage until the end of November, it forms a beautiful decorative subject throughout the autumn months. **Each, 40c**

**CRIMSON RAMBLER.**—See Flower of Fairfield.

**DOROTHY PERKINS.** Introduced by a well known American nurseryman, this beautiful new Rambler Rose is becoming even more popular than the original Crimson Rambler. And well it may, for it is indeed a finer pillar rose than that famous variety. The growth of a single season is wonderful, its handsome glossy green foliage being one of its strong points. The flowers, however, are its crowning beauty, being borne in immense clusters of 15 to 30, and possess great lasting qualities. Flowers a beautiful shell-pink, very double with petals artistically crinkled. Remarkably pretty pointed buds. This rose is extremely hardy and will withstand the coldest weather. We advise our friends to plant this variety where it can be allowed plenty of room. **Each, 25c, 35c and 50c**

**DOZEN PRICES.**—We give you our 35c select two-year-old bushes at \$3.00 doz.; our 40c and 50c extra select at \$4.00 doz. We can supply the ordinary grade of 25c bushes at \$2.50 doz. For complete index see page 26.

**HIAWATHA.** It must be seen to be appreciated. Its flowers are about 1½ inches across, and produced in long, pendulous sprays, with frequently from 40 to 50 flowers on a spray; in color it is brilliant ruby carmine with a clear white eye and a mass of golden stamens—a glowing combination of colors, which can be seen at a great distance; of vigorous growth, with bright green, glossy foliage, which is retained until late in fall. **Each, 35c and 50c**

**FLOWERS OF FAIRFIELD.** A perpetual flowering "Crimson Rambler;" this has long been looked for and is undoubtedly one of the most valuable additions to this section since its introduction. The flowers are brighter than the original, and are produced in great profusion from early summer to late autumn; most valuable rose. **Each, 35c and 50c**

**LADY GAY.** Of vigorous growth, with flowers of a delicate cerise-pink, passing to soft tinted white. The effect of a plant in full bloom with the combination of the soft white flowers, cherry-pink buds, and the deep green of the foliage is indeed charming. **Each, 35c and 50c**

**TAUSENSCHON. Thousand Beauties.** Entirely distinct not only in Ramblers, but in climbing roses generally. The individual flowers are very large for this type of rose, being fully 3 inches across, of a most elegant and graceful form, and as beautiful as a semi-double Azalea. A most delightful shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 or 15 flowers, each truss a veritable bouquet. It is a rampant grower, very healthy with magnificent foliage. **Each, 35c and 50c**

**WHITE DOROTHY.** In this grand new Rambler we at last have a hardy white climbing Rose which will grow in any part of the country under adverse conditions and one which will rank up with Crimson Rambler and Dorothy Perkins as a pillar and porch rose. As its name indicates, it is a sport from Dorothy Perkins, possessing all the fine qualities of that grand variety, but having pure snowwhite flowers. This rose, we believe, will become a fixture in the list of climbing roses. **Each, 35c and 50c**

**YELLOW RAMBLER (Aglala.)** Strong grower, profuse bloomer. **Each, 25c, 35c and 50c**

**VERLICHENBLAU (Blue Rambler).** Has attracted much attention and is the first rose of its color ever produced. This is a vigorous climber, flowers medium size, semi-double, borne in large clusters; color on opening is a rosy lilac. **Each 35c and 50c**

**WHITE RAMBLER (Thalia.)** White Dorothy is better.

## Wichurian Roses

**MEMORIAL ROSE.** The flowers are single. Perfectly hardy and very desirable for creeping over walls or rockwork. **WHITE OR RED. Each, 35c; doz., \$3.00**

## Rugosa Roses

These have glossy green foliage and clusters of beautiful, fragrant single flowers. During the autumn and winter they are covered with their large, brilliant, attractive red seed pods. **White or Red. Each, 35c; doz., \$3.00**

## FRUIT TREES, BUSHES, VINES AND PLANTS

We are making a specialty of select fruit stock. This branch of our business has made immense growth. Our manager has been in this line of work in Oregon for over 20 years. Aside from large stocks grown for us on contract, we are in close touch with the largest, most reliable and careful growers. We know where the best stock is produced.

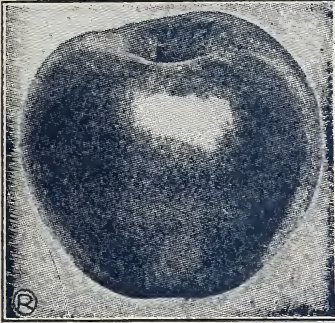
We are always glad to give you the benefit of our experience as to varieties for the different sections, planting, pruning, etc., and solicit your orders, whether large or small.

We again call your attention to the fact that we are catering to the "Particular Planter," who wants "High Quality," and is willing to pay a price necessary to secure it. Any sensible person knows that "Highest Quality" in stock of any kind is more expensive to produce than common, and therefore is worth more. Our prices are low, quality considered.

**Low prices by the 100 or 1000—write, we'll save you money. Commercial planters often use smaller grades which we can sell very cheap.**

### SUBSTITUTION

If the varieties of the tree ordered cannot be supplied or bought locally, others equally as good and correctly labeled will be substituted, unless otherwise ordered.



**Note—**On this and the following pages you will note that we give full description of only a few varieties under each heading. These, we believe, are the best for general or home planting, and you will not miss it by selecting them. We, however, can supply almost any variety grown, whether catalogued or not, so you can order any kind you want.

## APPLES

	Each.	Dozen.
One year old, 3 to 4 feet.....	\$.18	\$1.80
One year old, 4 to 6 feet.....	.20	2.00
Two year old, branched .....	.25	2.50
Selected two year .....	.30c to 40c	

**Write for our low prices by 100 or 1000.**

**DWARF APPLE TREES**—These produce just as large fruit as the standards, but the trees do not grow as large, therefore are very desirable for the planter who has limited space. We can furnish in Dwarf Stock all varieties preceded by a "\*" at 40c each; \$4.00 per dozen.

### SUMMER VARIETIES.

- \***RED ASTRACHAN.** Medium, deep crimson, flesh white, moderately juicy, with an agreeable rich acid flavor; very productive.
- \***YELLOW TRANSPARENT.** Medium size, roundish, slightly conical; skin pale yellow, flesh tender, juicy, sub-acid; good.
- GOLDEN SWEET.** Large, pale yellow; tender, rich.

### AUTUMN VARIETIES.

- \***GRAVENSTEIN.** Large, beautiful yellow, dashed with deep red and orange; tender and crisp, with a highly aromatic flavor; tree very vigorous; very popular sort.
- KING OF TOMKINS COUNTY.** Very large, globular; yellowish, shaded with red; flesh yellowish, rather coarse, juicy, rich flavor.
- WEALTHY.** Medium, whitish yellow, shaded with deep red; flesh white, tender and juicy.

### WINTER VARIETIES

- \***BALDWIN.** Large, rounded; deep, bright red; very productive; one of the best and most popular winter apples.
- GANO.** Bright deep red, flesh white, tender, juicy; hardy and productive.
- DELICIOUS.** A splendid apple; coming into prominence rapidly. Tree vigorous and hardy and the fruit equals the name in every respect. Fine for market and home use; late; keeps till April.
- NORTHERN SPY.** Large, round, greenish-yellow, stripes of purplish red; flesh white, juicy, brisk sub-acid; valuable for market and cooking.

### WINTER VARIETIES

- ORTLEY (White Bellflower).** Fruit medium to large, yellow; sometimes with a sunny cheek; flesh white, fine-grained, tender, juicy, sub-acid.
- \***SPITZENBERG.** Large, oblong; yellowish ground with broken stripes of bright red; flesh yellow, juicy with a delicious rich flavor.
- WINTER BANANA.** Winter; yellow; bluish cheek; sub-acid; medium size; a good keeper; a handsome apple; fine flavor, tender and delicious.
- YELLOW NEWTOWN PIPPIN.** Large, skin smooth, golden yellow; flesh firm, crisp, juicy; one of the standard varieties.
- ARKANSAS BLACK.** Dark maroon; long keeper; good.
- GRIMES' GOLDEN.** Of the highest quality; large, yellow.
- GOLDEN RUSSET.** Medium, dull russet; excellent.
- \***JONATHAN.** Yellow, covered with red stripes.
- MAMMOTH BLACK TWIG.** Very large, bright red.
- RHODE ISLAND GREENING.** Greenish yellow; large.
- \***ROME BEAUTY.** Large, yellow, shaded bright red.
- TOLMAN'S SWEET.** Whitish-yellow, tinged red.
- WINESAP.** Yellow ground, streaked with red.

**Other Varieties**—We only catalog the leading kinds, but can supply any standard variety grown in the west.

## CRAB APPLES

Prices the same as Apples on page 35.

**GIBBS.**—Of superior merit. Large size, flattened on both ends. Color, orange; flesh, yellow; juicy and good. Productive annual bearer. **Each 50c and 60c**

**TRANSCENDENT.**—Fruit very large, skin yellow, striped with red; the best of its class for cider.

**Yellow Siberian.**—Fruit small, golden yellow.

**FLORENCE.**—Size medium, red striped, early bearer; bearing full crop each year; tree immensely productive; juicy and crisp.

**Hyslop.**—Large, dark crimson; popular.

## APRICOTS

Unless otherwise priced	Each	Doz.
2-year-old .....	\$0.35	\$3.50
1-year-old, 4 to 6 feet.....	.30	3.00
Selected .....	.50	

**MOORPARK.**—Very large, yellowish-green; brownish-red on the sunny side; flesh bright orange; fine for canning and drying; freestone.

**LEWIS.**—One of the largest apricots known; handsome in appearance; flavor excellent. If you have room for only one apricot tree, plant the Lewis.

Price, 1-year 60c; 2-year 75c

**Royal.**—Above medium size; sweet, rich and juicy.

**Tilton.**—Large, rich color, high flavor; very productive.



## CHERRIES

Unless otherwise priced	Each	Doz.
1-year-old, 3 to 4 feet.....	\$0.25	\$2.50
1-year-old, 4 to 6 feet.....	.35	3.50
2-year-old branched.....	.50	5.00
Selected 2 to 3 year.....	75c to 1.00	

Write for our low prices by 100 or 1000

**BING.**—Originated in Oregon; fruit large, dark brown or black; very fine; late; a good shipping variety.

**KENTISH (Early Richmond).**—Light red, juicy; one of the best acid cherries and unsurpassed for cooking purposes; very productive.

**LATE DUKE.**—Large, light red; late and excellent; sub-acid.

**LAMBERT.**—Fruit of largest size and of fine quality; color deep, rich red; flesh firm and of fine flavor; a fine market variety; ripens two weeks later than Royal Ann.

**MAY DUKE.**—Large, rich, dark red; flesh tender, juicy, and sub-acid; an excellent variety, and one of the earliest of its class.

**MONTMORENCY.**—A beautiful, large, red, acid cherry; larger and finer than Early Richmond, and fully ten days later. Being extraordinarily prolific and very hardy, it can be recommended as a variety of great value. Valuable for canning and preserving. A free grower.

**NEW GIANT—Originator's Own True Stock.**

No one could wish for a finer flavored Cherry. It is a most desirable variety for all purposes. Fruit extra large, flesh rich, dark red, firm, yet juicy and delicious. Ripens after the Lambert. On account of its lateness it generally escapes the late spring rains that often injure the other main crop varieties. If you can only plant one Cherry Tree, plant a Giant.

Prices—Selected budded trees, 2-year, 50c to 75c; 3-year, \$1.00 to \$1.50; limited number of 4-year specimens, \$2.00 to \$2.50 each.

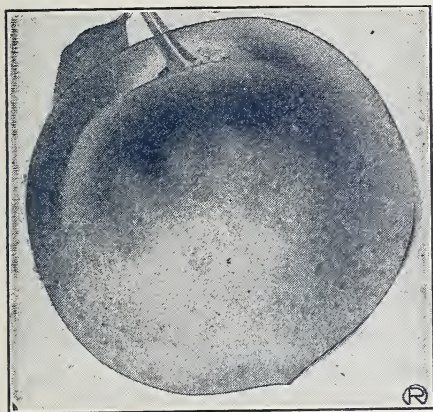
## QUINCE

1-year-old .....	Each 30c to \$0.40
2-year-old, branched .....	.50
Extra Select .....	.60c to .75

**CHAMPION.**—Large, yellow; flesh cooks very tender; flavor is most delicious; more productive than the orange, ripening two weeks later.

**PINEAPPLE.**—The fruit in form and size resembles the Orange Quince, but is smoother and more globular. Makes a superior jelly. Can be eaten raw, and is said to cook as tender in five minutes as the best cooking apple, possessing a most exquisite and delicious flavor, not equaled by any other quince.

1 year 50c; 2 year 75c



**MUIR.**—Large, pale yellow, very firm and sweet; best for drying; freestone.

**SALWAY.**—Creamy yellow, red cheek; flesh deep yellow, red at the pit; rich and sweet; a standard late peach, growing more and more in favor with orchardists; freestone.

## PEACHES

	Each	Doz.
Unless otherwise priced		
1-year-old, 3 to 4 feet.....	\$0.18	\$1.80
1-year-old, 4 to 6 feet.....	.20	2.00
2-year-old, branched .....	.25	2.50
Selected 2-year-old ...	35c to .50	

Write for our low prices by 100 or 1000.

**EARLY CRAWFORD.**—Very large, yellow, with red cheek; flesh sweet and excellent; our most popular peach for table and canning; freestone.

**ALBERTA.**—Very large, bright yellow, red cheek; flesh yellow, juicy, sweet; regular bearer; fruit very showy and perfect; freestone.

**EARLY CHARLOTTE.**—An improved seedling from Early Crawford, originated at Salem, Ore. This remarkable Peach succeeds in Oregon, where many other varieties fail. Flesh yellow, melting and juicy, with a rich and excellent flavor; freestone; ripens ten days after Crawford's Early.

**LATE CRAWFORD.**—Very large, roundish; yellow, with dark red cheeks; flesh deep yellow, juicy and melting; flavor rich and excellent; very popular; valuable for canning and drying; freestone.

**GOLDEN CLING.**—Good size, round; skin yellow; flesh fine-grained, firm, rich and sugary; clear yellow to the pit, which is very small; clingstone.

**HALE'S EARLY.**—Medium; skin greenish; mottled with red; flesh white; juicy and sweet; semi-freestone.

## PEARS

	Each.	Dozen.
Unless otherwise priced		
One year old, 3 to 4 feet.....	.25	\$2.50
One year old, 4 to 6 feet.....	.30	3.00
Two year, branched .....	.40	4.00
Selected two year .....	.50c to .75	

Write for our low prices by 100 or 1000.

### SUMMER VARIETIES

\***BARTLETT.**—Large, skin thin, clear, lemon yellow, with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence.

\***FLEMISH BEAUTY.**—Large, juicy, rich, very hardy, productive and profitable. September-October.

**BEURRE CLAIRGEAU.**—Large, yellow, shaded with orange and crimson; covered with russet dots; flesh yellowish, buttery, juicy; October-November.

\***BEURRE D'ANJOU.**—A large, fine pear, buttery and melting, with sprightly, vinous flavor; tree a fine grower and good bearer; one of the very best; October to January.

\***COMICE.**—A splendid commercial variety, being of fine size; good appearance; ships well; October.

\***FALL BUTTEE.**—Favorite fall pear; yellow, smooth and juicy; September.

**DWARF PEAR TREES.**—These produce just as large fruit as the standards, but the trees do not grow as large, therefore are very desirable for the planter who has limited space. We can furnish in Dwarf Stock all varieties preceded by a "\*" at 40c each; \$4.00 per dozen.

**CLAPP'S FAVORITE.**—Fine-grained and melting.

**SECKEL.**—Rich and highly flavored; its highly concentrated, spicy, honey flavor is unequalled; skin brownish green, russet brown cheek; flesh whitish, buttery and melting.

### AUTUMN AND WINTER VARIETIES

**WINTER BARTLETT.**—Originated in Eugene, Oregon. Fruit large, closely resembling the famous Bartlett in shape and appearance, but ripening considerably later; tender, juicy and melting and with a most pleasing flavor.

Price, 50c to 75c

**WINTER NELLIS.**—Medium; skin yellowish-green, dotted with gray russet; flesh yellowish-white; fine-grained and abounding with juice of a rich saccharine, aromatic flavor; especially adapted to this valley, producing large crops every year; an excellent shipper and good keeper; November-December.

**SPRAY PUMPS.**—We carry in stock a complete and up-to-date line of hand, bucket and barrel spray pumps—see page 58 and our complete catalog.

## PRUNES

Unless otherwise priced	Each	Doz.
1-year-old, 4 to 6 feet.....	.20	2.00
2-year-old, branched.....	.25	2.50
Selected 2-year-old .....	.35c to	.50

Write for our low prices by 100 or 1000.

**GIANT.**—New; of immense size, dark crimson on yellow ground; good yielder; flesh firm, rich, sweet, delicious; good shipper.

**HUNGARIAN.**—Very large, dark red; juicy and sweet.

**ITALIAN (Fallenberg).**—Medium, oval, tapering at both ends; dark purple; flesh greenish yellow; separates freely from the stone; best for drying.

**SUGAR.**—Tree vigorous grower; early bearer; fruit ripens earlier than the French; is four times as large and dries in half the time; flesh tender and rich in sugar; color dark purple; August.



**PETTE (French).**—Small size, egg-shaped; violet purple; sweet, rich and sugary; very productive; standard for drying.

## PLUMS

Unless otherwise priced	Each.	Dozen.
One year old, 3 to 4 feet.....	\$.20	\$2.00
One year old, 4 to 6 feet .....	.25	2.50
Two year old, branched .....	.30	3.00
Selected, 2 to 3 years .....	.35c to	.50

Write for our low prices by 100 or 1000.

**BURBANK.** Largest and handsomest of the new plums; perfectly hardy, free from disease; juicy, tender and sweet; ripens early August; as fine eating as a peach; freestone; should be in every collection.

**COE'S GOLDEN DROP.** Large and handsome; light yellow; firm, rich, sweet; one of the best of late plums; last of September.

**COLUMBIA (Shippers' Pride).** Largest size, nearly globular; brownish purple; rich, sugary, freestone; August.

**DAMSON.** Small, oval; skin purple; flesh melting, rather tart; September

**GREEN GAGE.** Small, round; flesh pale green, melting and juicy; freestone; August.

**PEACH.** Very large; skin brownish-red, slightly coarse-grained, but juicy; freestone; very popular as a home and market variety; August.

**YELLOW EGG.** Very large, skin of a deep golden color, but rather acid; excellent for cooking; very showy; August.

**MAYNARD.** Originated by Luther Burbank. In size it is very large, form nearly round, flattened at the ends, of richest crimson-purple, deepening to royal damask as full ripeness is reached. Tree hardy, vigorous and compact grower; bears immense crops of even-sized fruit while very young; never falls; surpasses all other varieties in keeping and carrying qualities; flesh firm, even when dead ripe, but melting and juicy with a deliciousness indescribable. Commands the highest price in home and foreign markets; July.

Price 75c; selected, \$1.00

**SATSUMA (Blood Plum).** Japanese variety. Quite popular, large dark red from skin to pit, which is small, firm and juicy; tree productive. Early July.

## NECTARINES

Prices—4 to 6 feet, each 40c; doz., \$4.00.

**BOSTON.** Large, deep yellow bright blush; flesh yellow; very rich and luscious. Best for Oregon; August.

**EARLY VIOLET.** Medium; skin pale shaded violet; flesh white; good; July.

3321 Glenwood Rd., Brooklyn, N. Y.

Routledge Seed & Floral Co.

Gentlemen: The roses arrived all right in good condition. Had them planted the 30th of March. Thank you for extra bush.

Respectfully yours,

MRS. S. S. FLEET.

## ALMONDS

Almonds can be grown successfully in most sections of Oregon and Washington, and are attracting much attention from commercial orchardists. Select Trees, 4 to 6 feet, each 50c to 60c.

**I. X. L.** A vigorous grower and sure cropper, producing nuts of large size and handsome appearance; shell thin; most popular commercial sort.

**HARD SHELL.** A fine, hardy variety, with large, plump kernel of good quality.

## PERSIMMONS

These are perfectly hardy and do well here. We can supply the American or larger Japanese varieties. Price, 4 feet, 50c each.

Spray Pumps. Every fruitgrower needs a Spray Pump. We have an excellent line that we'll guarantee to give satisfaction. Catalog on request.





Oregon Champion

## GOOSEBERRIES

Write for our low price per 1000.

Unless otherwise priced	Each	12	100
1-year-old .....	\$0.08	\$0.75	\$1.00
2-year-old, branched .....	.10	1.00	8.00
Extra Selected .....	.15	1.50	

**OREGON CHAMPION.**—Berries large, round and pale green; fine for table use and pies; hardy, strong, and a very prolific bearer; most popular and best commercial variety. Low prices by the thousand. Write.

**DOWNING.**—Large, light green; soft, juicy and good. Vigorous and very productive.

**RED JACKET (Josselyn).**—Of large size, smooth, prolific and hardy; of best quality; a wonderful cropper, with bright, clean, healthy foliage.

Prices, 1-year each 20c; per dozen \$2.00  
2-year each 25c; per dozen \$2.50

**INDUSTRY.**—English variety; large oval; dark, red, hairy, rich and agreeable; vigorous and productive.

Prices, 1-year each 25c; per dozen \$2.50  
2-year each 30c; per dozen \$3.00

## CURRENTS

Low prices by the thousand.

Unless otherwise priced	Each	12	100
One year old.....	\$0.10	\$1.00	\$5.00
Two year old.....	.15	1.50	6.00
Extra large selected bushes.....	.25	2.50	

**PERFECTION.**—New; a late introduction of great merit. Our grower says "You cannot say too much about the good qualities of this grand new sort." So, whether you plant ten or a hundred, plant a good proportion of Perfections, which is the largest, most productive, finest-flavored (rich, mild, sub-acid; plenty of pulp; few seeds), healthy, bright red currant to date.

1-year, each 15c; per dozen \$1.50; per 100 \$10.00  
2-year, each 20c; per dozen \$2.00; per 100 \$15.00

**BLACK NAPLES.**—Very large, black; valuable for jams and jellies.

**CHERRY.**—Large, deep red; rather acid; fine for preserving; valuable market variety.

**FAY'S PROLIFIC.**—A new Currant, larger than the Cherry; has less acid, and is more prolific.

**WHITE GRAPE.**—Large, yellowish-white, valuable for the table; the finest of the white sorts.

## Well Pleased—Read These Reports

Tillamook, Ore., Dec. 27, 1913.  
Routledge Seed & Floral Co.  
Dear Sirs: I wish to say we have received our trees you sent us. They are just fine and in good shape.

Yours truly,  
J. J. THRAPP.

Chehalis, Wash., Jan. 20, 1914.  
Routledge Seed & Floral Co.  
Gentlemen: I had the pleasure of inspecting some of your stock this winter and was very glad to find them in such fine shape—the finest stock I ever saw.

Yours ever,  
R. E. ROSS.

## BLACKBERRIES

Unless otherwise priced	Each.	Doz.	100
One year	.....\$ .08	\$ .75	\$5.00
Extra strong	..... .10	1.00	6.00

**LAWTON.** The favorite market variety; large, good quality, uniform, hangs long on vine when ripe, productive and profitable. The most generally planted for commercial markets in the Pacific Northwest. Oregon's most popular kind.

**ELDORADO.** New. Very vigorous and hardy; yield is enormous; berries large, jet black, borne in large clusters, and ripen well together; sweet, melting and pleasing to the taste; no core, and keep eight or ten days after picking with quality unimpaired. Select, price, 15c each; \$1.50 per 12; \$8.00 per 100; 1 year, \$6.00 100.

**BLOWERS.** A new variety of merit, same price as Eldorado.

**EVERGREEN.** Introduced from Oregon; beautiful lacinated foliage, which it retains all winter; berries long, black, sweet, rich and delicious; ripens from July to November; a fine berry for family use. Select, each, 15c; dozen, \$1.50; 100, \$10.00; 1 year, \$7.50 100.

**HIMALAYA GIANT.** A new grand variety; an exceedingly strong, rampant grower of a trailing nature; a heavy cropper; the berries are large, juicy, coreless, sweet and firm, with a delicious aromatic flavor. Its deep-rooting qualities enable it to produce a large, firm berry even in a very dry season. Select, price 15c each; \$1.50 per 12; \$10.00 per 100; 1 year, \$8.00 100.



Lawton.

### New Mammoth Blackberry

A grand addition to the list of Blackberries. The handsome, large juicy berries are delicious. It is a rampant grower, of trailing habit; enormously productive and early. Fruit is enormous, specimens measuring two and one-half inches long; seeds small, soft and abundant; cores small and soft. In size and flavor it surpasses all other varieties of blackberries.

Prices: Select, two years old, 15c each; \$1.50 per 12; \$8.00 per 100, prepaid. Low price per 1000. NOTE: One year old (or "tips") give such poor results we do not offer them.

### Burbank's Phenomenal

A most desirable, refreshing berry for the home garden. Of a bright crimson raspberry color; very productive, and most delicious of all berries for pies, canning, jellies or jams. Sweeter than the Loganberry and fine as a fresh table fruit.

Prices: Select two years old, 15c each; \$1.50 per 12; \$10.00 per 100, prepaid. Low price per 1000. NOTE: One year old (or tips) give such poor results we do not offer them.

### Loganberry

In great demand again for canning and drying. An exceedingly strong grower and an enormous bearer. The fruit is larger and longer than the blackberry and produced in immense clusters; color, dark red. Has a pleasant, vinous flavor, delicious and peculiar to this berry alone; fruit ripens early. It is excellent for the table, eaten raw or stewed, and for jelly or jam is without an equal.

Prices: Select two year old, 15c each; \$1.50 per dozen; \$8.00 per 100, prepaid. Low price for 1000. Note. One year old (or tips) give such poor results we do not offer them.



New Mammoth.

### DEWBERRY

**LUCRETIA.** A trailing variety of the blackberry, ripening between the raspberry and the blackberry; fruit large, handsome, sweet and luscious. Selected, each 15c; per 12, \$1.50; \$5.00 per 100; 1 year, \$4.00 100, prepaid.

NOTE.—Our 2-year-old Logan-Phenomenal and Mm. Blackberry plants are transplanted tips grown 1 year in nursery row and all will live. They are cheaper than "tips" at any price. "Tips" will not ship safely.

## RASPBERRIES

Unless otherwise priced	Each.	Doz.	100
One year .....	\$.08	\$ .75	\$4.00
Extra Strong .....	.10	1.00	6.00

### RED VARIETIES

**ST. REGIS (New).** The St. Regis everbearing red raspberry is the sensation of the day. It is being talked about from the Atlantic to the Pacific. The demand is enormous. It is a very valuable variety. It originated in New Jersey among a colony of Italians who made money by selling the fruit to hotels and restaurants late in the fall after all other kinds of berries were gone. It is a fine berry in every respect, being hardy, very productive, of good color and fine flavor. It does finely in the regular season and you get the fall crop extra. We unhesitatingly recommend this variety. Price, each, 15c; doz., \$1.50; per 100, \$10.00, prepaid.

**SUPERLATIVE (New.)** The berry is large and firm, with very small, brittle seeds; color, soft crimson. The healthy, vigorous growth, remarkable productivity, hardiness, immense size, handsome, uniform shape and rich, luscious flavor makes the "Superlative" peerless among raspberries and from the shipper's standpoint a most desirable berry; disease resisting, and nearly a week earlier than the Cuthbert. Extra strong, each, 15c; doz., \$1.50; per 100, \$8.00; 1 year, \$6.00, prepaid.

**CUTHBERT.** Berries very large, deep, rich crimson; good for shipping; the most popular of all raspberries; stands the sun and heat well.

**MARLBORO.** Very large and early; beautiful, bright scarlet; good quality; hardy and productive.

## GRAPES

Unless otherwise priced	Each	12	100
One year old .....	\$.15	\$1.50	\$ 8.00
Two year old .....	.20	2.00	10.00
Extra large and strong roots...	.25c to .35		

If wanted in larger numbers, write for prices.

**McKINLEY.** A new early white grape of great merit; a strong, vigorous grower; thick, healthy foliage, and perfect self-fertilizing blossoms; bunches large and compact; fruit large, nearly round; very sweet, with no acid round the seeds, and no puckery taste in the skin; skin thin, green at first, then turning to yellow; bears handling and shipping well.

Price, 1 year, 25c; 2 year, 35c

**McPIKE.** New. Perfectly hardy, earlier than the Concord; bunches large, even and compact berries even in size, covered with a beautiful bloom, blue-black in color; ripens uniformly; are of mammoth size, rivaling Black Hamburg, and of superb quality.

Price, 1 year, 25c; 2 years, 35c

**CAMPBELL'S EARLY.** Clusters large and handsome; berries large, round, black, with purple bloom; flesh firm but tender; seeds few; flavor rich, sweet and slightly vinous. A strong and vigorous grower and ripens its fruit early. Berries do not drop from the clusters, and fruit keeps a long time in perfection.

Price, 1 year, 20c each, \$2.00 doz.; 2 years, 35c each; \$3.00 doz.

**CONCORD.** Large, black grape, bunches compact, berries round, sweet and pleasant; very popular.

**MOORE'S EARLY.** Bunch medium; berry large, resembling Concord, but more pulp, and is earlier.

**DELAWARE.** Best of our native grapes; grows freely and is perfectly hardy; ripens early; berries small, light red.

**NIAGARA.** Berry large, pale yellow; flesh tender and sweet productive; one of the best white grapes.

**WORDEN.** Bunch very large and compact; berry large, black; an improved Concord.

**OTHER GRAPES.** It would take pages to list all the varieties of grapes grown on this Coast, especially in California. We list the most popular hardy sorts for general use.



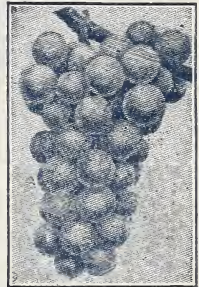
Conrath—New Black Cap.

### BLACK VARIETIES.

**GREGG.** For many years the leading standard best known market sort. Very productive, large size, firm, meaty berries, covered with heavy bloom.

**CUMBERLAND.** A healthy, vigorous grower, producing immense crops of magnificent berries. Fruit very large, firm and excellent quality, keeps and ships well. A most profitable market variety; mid-season.

**CONRATH.** Early blackcap and of superior quality; 10 days earlier than Gregg, coming in with the earliest sorts. A most desirable and profitable new sort. Extra strong, each, 15c; dozen, \$1.50; per 100 \$8.00; 1 year, \$6.00, prepaid.



**NEW BOOK.** Littooy's 48-pg. booklet, *New Raspberry and Blackberry Culture*. Written for Western conditions and endorsed by experts. Worth dollars to you. Only 45c postpaid or FREE with a \$5.00 cash order for nursery stock.

**SELECTED  
STRAINS****STRAWBERRY PLANTS****NONE BETTER  
FEW AS GOOD**

Our strawberries are carefully grown, trimmed and packed in the best manner to insure their arrival in good, fresh condition. If you want good, strong, healthy, vigorous plants and true to name, send to us. Our prices are right; our plants are O. K.



**GOODELL.**—A comparatively new berry, but of great merit. Every one who has tested it praises its good qualities.

On account of the size, color and general appearances of the GOODELL will always bring fancy prices on any market.

Every strawberry grower, whether he grows for home or market, should plant this superb new variety that is so highly recommended by all. In flavor the GOODELL is unsurpassed; the berry is large, fine shape and solid red to the center. A most productive variety; not out-yielded by any.

**GOLD DOLLAR.** One of the earliest berries on the market, Fruit good, medium size, and attractive; rather tart; fine flavor; foliage heavy, large and spreading, which protects the blooms from early frosts.

**OREGON IMPROVED.** One of the finest and most satisfactory strawberries ever introduced. It always looks bright, fresh and attractive. The berry is very large

firm and handsome; rich, dark red, extending to the center. The flavor is rich sweet and delicious. For table use and canning, it cannot be surpassed. The "Oregon" ripens early and continues in bearing until late in the season.

**MARSHALL.** One of the best all-round strawberries; very large; dark crimson throughout; fine flavor; a superb market and table berry. In size, appearance, flavor and sweetness it is unsurpassed. A delicious table and canning berry, but not a long shipper.

**BRANDYWINE (Late—Bi-sexual).** Has been grown for 20 years in the East, and is now being largely planted by Western growers who have tried it out. Its large size, deep rich color and beauty of its fruit, excellent flavor and great productiveness makes it rank among the leaders. The fruit stems grow erect, and hold the berries well up from the ground. The foliage is ample having a dark leathery leaf which affords full protection to the bloom.

**DON'T** be misled by the fine catalogs sent out from the East. Buy Western grown plants and Western varieties, better berries than ever grew in the East. You know it!

## Strawberries—Continued

**GLEN MARY (Early).** Growing more popular year by year. There are few other berries having a wider habitat than this variety, and it has proved profitable and successful wherever planted. A heavy producer of big, dark red beauties, its popularity is not to be wondered at. The berries are inset with bright-yellow and very prominent seeds which give them a beautiful appearance in the box. As a shipper it has no superior. Glen Mary, although a bi-sexual, is not a strong pollenizer and we recommend that it be set with Wm. Belt.

**MAGOON.** Berry large, fine and excellent; sub-acid flavor; bears heavily and throughout the season.

**WM. BELT (Early.)** This variety grows big crops of large, red, attractive berries that hang in clusters from powerful stems. The flesh is very rich and meaty and of deep red, which extends to the center. The berries are in every respect "extra fancy," and the fact that it grows, like its famous mate Glen Mary, under practically all conditions, makes it one of the most valuable varieties ever originated.

**CLARK'S SEEDLING.** The berry that has made Hood River famous; excellent shipper; berries large, firm and of delicious flavor; vines bear large crops; is especially adapted to dry soil.

**WILSON.** A heavy bearer of fine, moderate-sized berries; sharp acid flavor; leading sort for canning.

### New Price List of Strawberry Plants.

Variety.	Charges Prepaid.			Not Prepaid.		
	Per 25	100	1000	25	100	1000
Brandywine .. . . . .	\$.50	\$1.00	\$ 6.00	\$ .40	\$.85	\$ 5.50
Clark's Seedling .. . . . .	.40	.75	5.00	.30	.60	4.50
Glen Mary .. . . . .	.50	1.00	6.00	.40	.85	5.50
Gold Dollar .. . . . .	.40	.75	5.00	.30	.60	4.50
Goodell .. . . . .	.75	2.00	15.00	.60	1.75	13.50
Magoon .. . . . .	.40	.75	5.00	.30	.60	4.50
Marshall .. . . . .	.40	.75	5.00	.30	.60	4.50
New Oregon (Improved) .. . . . .	.40	.75	5.00	.30	.60	4.50
Wilson .. . . . .	.40	.75	5.00	.30	.60	4.50
Wm. Belt .. . . . .	.50	1.00	6.00	.40	.85	5.50

Note—Not less than 25 plants of a kind sold.

All our strawberry plants packed in special strawberry crates holding 500 plants each.

Not less than 500 plants of a kind at 1000 rate. Special low prices on 5000 or more.

Write, stating quantity and kind wanted.

## ASPARAGUS ROOTS

One of the earliest and finest of spring vegetables; very easily grown. A bed once planted is good for years if properly attended to and well manured. Set plants 18 inches apart, in rows 3 feet apart.

### ONE YEAR OLD.

Prepaid, dozen 25c; 50, 75c; 100, \$1.00. By express or freight; 1000, \$6.00.

### TWO YEAR OLD.

Prepaid, dozen 40c; 50, \$1.00; 100, \$1.25. By express or freight; 1000, \$8.00.

Buy Roots and Save 2 to 3 Years.

## HOP VINES

**ENGLISH CLUSTER** (the best sort). Strong roots. Price, 5c each, 40c per dozen; \$1.25 per 100. Low prices by the thousand.

## HORSE-RADISH ROOTS

This useful condiment is easily grown, and prefers a rich, moist loam. Plant in rows 18 inches apart, putting the sets one foot apart, being careful to place the thin end down in the ground.

Prices, 5c each; 40c per dozen; \$1.50 per 100. Low prices by the thousand.

North Yakima, Wash., May 20, 1914.

Routledge Seed & Floral Co.

Gentlemen: Enclosed find fifty cents for a Madame Melanie Soupert. My bush I received through the mail is doing fine.

Yours sincerely,

MRS. C. MILLER.

## RHUBARB OR PIE PLANT ROOTS

### (WINE PLANT)

Set roots 3 feet apart in rows 4 feet apart, in the richest ground you have or can prepare.

### MAMMOTH OR GIANT.

ONE-YEAR-OLD ROOTS, Prepaid, each 10c; dozen, 75c; 100, \$4.00.

TWO-YEAR-OLD ROOTS, Prepaid, each 15c; dozen \$1.25; 100, \$6.00. If wanted in larger quantities, write for special prices.

### BURBANK'S CRIMSON WINTER.

**Very Early, Prolific, Vigorous.** This new variety has created a great sensation and proved to be very valuable, especially in California. We believe it will grow anywhere equally as good as the common sorts but to obtain its highest state of perfection and yield, it should be planted in a warm location. The stalks are of medium size, a brilliant crimson and of the very best quality. If kept moist it will produce stalks abundantly at any season. It is, in fact, absolutely perpetual.

PRICE, SMALL ROOTS, Prepaid, each 20c; dozen, \$2.00; LARGE ROOTS, each 25c; dozen \$2.50.

Boyd, Ore., March 21, 1914.

Routledge Seed & Floral Co.

Gentlemen: The pansy plants received in splendid condition. Accept my thanks for careful handling of order.

Yours truly,

MARCIA M. SELLECK.

## SHADE, NUT AND ORNAMENTAL TREES AND SHRUBS

**HARDY FLOWERING SHRUBS.**—There is nothing which so quickly, and for so little cost, adds so much to the beauty, cheerfulness and homelike appearance of a place as an assortment of hardy shrubs. They are permanent improvements, which increase in size, value and beauty year after year.



### LANDSCAPE ARCHITECTS AND GARDENERS

We are in close touch with the best landscape architects and gardeners in the West, and no matter how small or how elaborate a garden, lawn or park you want laid out, we will put you in touch with an artist equal to the occasion, if you give us an idea of what you want. This is free service to our customers. You make your own arrangements with the person sent, as to plans, labor, etc.

### For Your Guidance

To make it more convenient for the average person to find certain stocks, we will list in alphabetical order all Shade, Nut and Ornamental Trees and Shrubs (climbing plants excepted), and use the following letters after the name to classify them:

**D**—Deciduous—Trees and Shrubs that drop their foliage in fall and winter  
**E**—Evergreens—These retain their foliage year around.



Althea (Rose of Sharon) Flower.

Centralia, Wash.

Routledge Seed & Floral Co.  
 Gentlemen: I thank you for your promptness always and am delighted with every order I ever got from you.

Respectfully,  
 MRS. E. W. WISE.

Hillsboro, Ore., March 5, 1914.

Routledge Seed & Floral Co.  
 Gentlemen: Trees received in fine condition. I am more than satisfied.

Yours truly,  
 ELI A. BOWBEER.

**ACER.**—See Maples.

**ACUBA (E).**

**Japonica.**—Beautiful, broad leaved evergreen, with leaves speckled and striped golden yellow; elegant shrub for specimen on the lawn or for planting among other shrubbery; bears bright red berries in winter time.

1½ to 2 feet, \$1.25 to \$3.00

**ALMOND (D) (Flowering).**—Beautiful shrub, bearing in May, before the leaves appear, double, rose-like flowers.

**Double Red or White.**—3 or 4 feet.

Each 50c to 75c

**ALTHEA (D)**—Rose of Sharon.—These beautiful shrubs bloom very freely in August and September, when few other shrubs are in bloom, and, being easily cared for, are worthy of a place in every garden. Our collection comprises double varieties. **Purple, Pink and White.** Each 35c, 50c and 75c.

**ARBOR VITAE (E) (Thuja).**

**Pyramidal.**—A most valuable upright evergreen of dense, compact habit.

1½ feet and up, each \$1.00 to \$3.50.

**Chinese Golden.**—A low, compact shrub of a beautiful golden yellow.

1 foot up, \$1.00 to \$3.00

**IMPORTANT NOTICE.**—We no longer send out traveling salesmen or agents. If you want our "High Quality" stocks order direct from us and we will prepay charges—see inside front cover and page 3.

**ARAUCARIA, IMBRICATA (E).**

**Chile Pine, or Monkey Tree.**—Very rare and beautiful, pointed, needle-like leaves. 1½ feet up, \$2.00 to \$2.50; specimens \$3.00 to \$5.00.

**Araucaria Excelsa.**—See Palms and Plants.



**Azalia Mollis.**—(Flowers one-third size)

**AZALEA (D).**

**Mollis.**—The most gorgeous of all hardy shrubs. The blossoms, which vary in color from intense crimson to lemon yellow, are borne in greatest profusion in early spring, before the leaves appear. It makes a compact, symmetrical shrub.

**Budded.**—Select varieties in Yellow, Orange or Red, each, \$1.50 to \$2.00; Seedlings, assorted, 75c to \$1.50.

**AZALEA (E).**

**A. Crimson.**—A hardy evergreen species. These are dwarf, compact growers. Foliage small; flowers dazzling crimson. Each, \$1.25 to \$1.50

**BAMBOO (E).**

—A very ornamental Oriental plant. We import a fine collection of Bamboo from Japan. Small plants, each, 35c to 50c; Larger plants, each, 75c to \$1.50.

**BERBERIS (D) (Barberry).**

—The Barberry is an interesting family of shrubs, varying in size from 3 to 6 feet and having graceful, feathery foliage. Its showy flowers in early summer are succeeded by bright-colored fruit, which is very conspicuous in autumn and early winter.

**Thunbergii.**—A beautiful Japan variety of dwarf habit. Small foliage, changing to beautiful red in autumn. Very desirable for grouping.

Each 35c, 50c and 75c

**Vulgaris (Common European).**—Yellow flowers in drooping racemes in early summer, followed in autumn by orange-scarlet fruit. Each 35c, 50c and 75c

**Vulgaris Purpurea (Purple).**—Violet-colored foliage and fruit; rich-looking and very effective when contrasted with plants of lighter foliage.

Each 35c, 50c and 75c

**BIRCH (D)—Betula.**

Remarkable for its elegance; very graceful with its silvery bark and slender branches.

**European White.**—6 to 8 feet, each 75c; 8 to 10 feet, each, \$1.00 to \$1.50.

**Weeping Cut-Leaved (alba lancinata pendula).**—Charming tree. Its tall, slender yet vigorous growth, gracefully drooping branches, silvery-white bark and delicately cut foliage present a combination of attractive characteristics rarely met with in one tree. 5 to 6 feet, each \$1.00; 8 to 10 feet, \$1.50 to \$2.50.

**BOXWOOD (E)—Buxus.**—A compact, small-leaved evergreen, that can be trimmed into balls, box or pyramidal shape. They make handsome single specimens for lawn or porch decoration.

**Dwarf, Common.**—Fine for borders, edgings or low hedges, 6-inch, each 15c; per 100, \$10.00; specimen plants, shaped, up 1 or 2 feet, 50c to \$1.50 each.

**Imported Stock.**—These plants are grown and trimmed in the Holland nurseries.

**Pyramids.**—2 feet and up. Each \$2.50 to \$10.00.

**Standards.**—Ball-shaped on heavy stalks. 12-inch heads and up. Each \$2.50 to \$12.

**CAMELLIA (E).**—Beautiful for the house or garden; evergreen foliage; wax-like flowers, which appear about Christmas indoors or early spring outside.

**Japonica, Double White, Pink or Red.** 1½ to 2 feet, each \$1.00 to \$1.50

**CATALPA (D).**—A beautiful shade tree. White flowers in July.

**Speciosa.** 4 to 5 feet, each 60c; 7 to 9 feet 75c to \$1.00

**CEDAR (E)—Cedrus.**

**Atlantica.**—One of the most beautiful evergreens. Upright growth, but low-branched and of compact habit. Foliage light green. Each \$1.00 to \$3.00

**Deodora (Deodar or Indian Cedar).**—Of vigorous growth; pyramidal form; graceful foliage of a light, silvery or glaucous green. One of the most beautiful of evergreens.

Each, 1½ to 2 feet, \$1.50; 2½ to 3 feet, \$2.50 to \$3.00; Specimens, \$3.50 to \$5.00.

**Aurea.**—Graceful foliage of light golden yellow on the young shoots. Each \$1.50 to \$3.00

**CHESTNUT (D).**—Very popular, stately shade trees. Extensively planted for shade.

**American Sweet.** 6 to 8 feet, each \$1.00 to \$1.50

**Spanish.** 4 to 6 feet, each \$1.00; 7 to 8 feet \$1.50

**Mammoth Japanese.**—Large, good edible nuts.

4 to 6 feet, each 75c to \$1.00; 6 to 8 feet \$1.50

**Horse, European, Red Flowering.**—Much slower grower than the white.

3 to 4 feet, each 60c to 75c; 6 to 8 feet \$1.25 to \$2.00

**Horse, White Flowering.** 4 to 5 feet, each 60c to 75c; 6 to 8 feet \$1.00 to \$1.50; 9 to 10 feet, specimens, \$1.50 to \$2.00

**CLETHRA (D)—Sweet Pepper Bush.**

**Alnifolia (Sweet Pepper Bush).**—An upright, slow-growing shrub, with spikes of fragrant white flowers in midsummer, which continue for a long time. Useful for massing, for natural planting of woods, or for the beauty of the single specimen.

Each 35c, 50c and 75c

**COTONEASTER.**—Choice evergreen with minute, deep, glossy, green foliage and red berries.

**Horizontalis (E).**—A plant of prostrate habit of growth, admirable for covering low walls, or to use in rock work.

Choice plants, each 60c, 75c, \$1.00 and up

**Simondsii (D).**—A beautiful, upright shrub, with fruit of a rich, deep orange color. Each 35c, 50c and 75c

**OUR PRICES** are for large field grown shrubs—not small one-year cuttings or greenhouse plants. They are worth all we ask. Don't compare our prices with the cheap Eastern mail order houses. **REMEMBER "E"** Evergreens cannot be sent by mail. See notes inside front cover and page 3.

**CYPRESS (E).**

**Lawson's.**—Hardy, graceful, rapid growing evergreen, with feathery bluish-green foliage.  
Specimen plants (See cut. 75c to \$2.50 and up

For Hedges.—Small plants 10 to 12 inches and up; write for prices.

**DAPHNE (E).**—Superb evergreen shrub of compact growth, bearing in early summer many blush white flowers, highly perfumed, and very lasting. The sweetest-scented shrub in existence. Hardy only west of the Cascades.

**White or Pink.** Each \$1.00 to \$1.50

**DEUTZIAS (D).**—We are indebted to Japan for this valuable genus of plants. Their hardihood, fine habit, luxuriant foliage, and profusion of attractive flowers, render them among the most beautiful and deservedly the most popular of flowering shrubs at the present time. The flowers are produced in May and June in racemes 4 to 6 inches long.

**Crenata Fl. Pl.**—Grows 4 to 6 feet tall. Flowers very dainty and pretty; white, tinged rose; very double and full.  
Each 35c, 50c and 75c

**Gracillis.**—Low-growing, compact; covered all over with pure white, bell-shaped flowers.  
Each 35c, 50c and 75c

**Lemoinei.**—Flowers very large and produced in broad-based, cone-shaped heads of from 20 to 30 flowers each, of purest white.  
Each 35c, 50c and 75c

**Fride of Rochester.**—Flowers very double and full; pure white, tinged with blush; great profusion.  
Each 35c to 60c



Lawson Cypress.



Deutzia Gracillis.

**DOGWOOD (D)**—*Cornus*.

**Oregon (Cornus Nuttalla).**—One of the handsomest of our native trees. A fine ornamental tree with large white flowers.  
Each 60c to \$1.00

**SHRUB DOGWOODS.**—These are most desirable on account of their variegated foliage or the highly colored bark of the twigs and branches.

**Sibirica (Red Siberian Dogwood).**—A rare and remarkable variety, with bright red bark in winter.  
Each 35c, 50c and 75c

**Spathi (Gold-leaved Dogwood).**  
Each 35c, 50c and 75c

**ELDER (D)**—*Sambucus*.—These are showy, large shrubs, ornamental in flower, fruit and foliage. Of easy cultivation.

**Canadensis (Common Elder.**—Broad heads of white flowers in June, and dark red berries in autumn.  
Each 35c, 60c and 75c

**Cut-Leaved (laciniata).**—A very beautiful variety. Foliage curiously divided.  
Each 35c, 50c and 75c

**Golden-Leaved (foliis aureis).**—It has beautiful fern-like golden foliage, which retains its showy bright yellow color through the entire summer until late autumn.  
Each 35c, 50c and 75c

**ELM (D).**—One of most popular and best shade trees. Very desirable for street planting.

**American White.**  
6 to 7 feet, each 75c; 8 to 10 feet \$1.00 to \$1.50

**Cork Bark.**  
6 to 7 feet each 75c; 8 to 10 feet \$1.00 to \$1.50

**Purple-Leaved.**  
6 to 8 feet, each \$1.00 to \$1.50

**Weeping Elm (Camperdown).**—One of the most beautiful and remarkable of weeping trees; low growing, branches extending horizontally. Priced according to size of head.  
Each \$1.50 to \$2.50

**EUONYMOUS.**

**Aurea Variegata.**—Leaves variegated green and gold. A very striking plant.  
\$1.50 to \$2.00

**Europaeus (D) (Spindle Tree—Burning Bush).**—A large shrub or tree, bearing rose-colored fruit in autumn; fine; 3 to 4 feet.  
Each 60c to 75c

**Radicans (Trailing) (E).**—Very hardy, dense-growing; useful for covering old walls, etc., as it is self-clinging.  
Each 50c to 75c



**FIG (D).**—Grown both for fruit and ornamental.

**White or Black.**

4 feet up, each 50c to 75c; extra large \$1.00 to \$1.50

**FILBERTS (D).**—These nuts do well on this Coast. We can supply Barcelona, Du-Chilly, the most popular sorts.

2 to 3 feet each 35c to 50c; per 10, \$4.00; 100, \$35

**Corylus Purple Filbert.**—Large bush, with large, dark purple leaves; makes a very effective contrast when planted among green-foliaged plants.

2 to 3 feet each \$1.00

**FLOWERING CURRANT (D)**—**Rebis.**—The Flowering Currants are gay, beautiful shrubs in early spring, and of the easiest culture.

**Sanguineum.**—Charming crimson flowers in early spring; fine variety.

Each 35c, 50c and 60c

**Aureum.**—Beautiful yellow flowers; very fragrant, smooth, shining foliage.

Each 35c, 50c and 60c

**FOESYTHIA (D) Golden Bells.**

**Viridissima.**—Blooms early in spring, before the leaves appear, when it is covered with golden, bell-like flowers.

Each 50c to 60c

**Suspensa (Weeping Golden Bell).**—Somewhat pendulous in habit.

Each 50c to 60c

**GEINSTA (E) Broom Bush.**

**Scoparia (Scotch Broom).**—Rapid growing, hardy bushy shrub; producing trusses of yellow flowers in May.

Each 25c to 50c

**Juncea (Spanish).**—New yellow variety, blooms all summer.

Each 35c to 60c

**Alba.**—A new early flowering white variety of good habit; very attractive.

Each 25c to 50c

**HALESIA (D)**—**Silver Bell; Snow Drop Tree.**

**Tetraptera.**—A beautiful large shrub, with pretty white bell-shaped flowers in May. One of the most desirable shrubs.

Each 75c

**HICKORY (D)**—Slow-growing nut tree.

Each \$1.00 to \$1.50

**HAWTHORNE (D)**—A beautiful flowering shrub that grows to be a fair-sized tree; very desirable; fine foliage.

**Paul's Scarlet.**—Double scarlet, very rich.

Each 75c to \$2.00

**Double White or Red.**

3 to 4 feet 60c; 6 to 8 feet \$1.00 to \$1.50

**Single White.**—For hedge plants. Write.

**HOLLY (E)**—**Ilex.**—Beautiful small specimen tree for lawn planting. Attractive all the year because of their broad, glossy, prickly leaves, but most beautiful from November to April, when laden with bright scarlet berries.

**English (Aquifolia).**—Berry-bearing plants, per foot, \$1.00; nice plants, \$1.50 to \$2.50; specimens, \$3.50 to \$7.50; seedling stock, per foot 60c; nice plants, \$1.50 to \$3.00; small plants, 4 to 8 inches, for large plantings, very cheap. Write.

**Gold or Silver Margined.**

\$1.50 to \$3.00 and up

**HYDRANGEA HORTENSIA (D).**—A handsome half-hardy Japanese shrub; most frequently seen in tubs and pots, and does well in somewhat sheltered place. Ornamental foliage and beautiful flowers in large trusses. (See cut below.)

**Hortensia Ajisai Var.**—Large flowers; clear blue.

60c to \$1.00. Specimens, \$1.50 to \$2.00

**Hortensia White.**—Pure white; large flower.

60c to \$1.00. Specimen, \$1.50 to \$2.00

**Hortensia Pink.**—A beautiful new pink from Japan.

Each 50c, 75c and \$1.00; extra large \$1.50 to \$2.00

**Hortensia Stellata Rubra.**—A grand star-shaped flower, almost double; very beautiful rose and pink; not as hardy as others; excellent for forcing and pots.

Each 75c to \$1.00

**Schizophragma (Climbing Hydrangea).**—(See Climbers), page 55.

**Paniculata Grandiflora.**—The grandest as well as the most popular, of all shrubs, and hundreds of thousands of them are sold every year; excellent for hedges or massing; unsurpassed for the lawn; blooms in July and August, and continues in bloom for two or three months. The flowers are massive, cone-shaped, sometimes 10 inches in length, and changing from the original pure white to pink, and finally to a beautiful rich coppery red.

Strong plants 35c each; \$3.00 dozen; 2 to 3 feet, 40c to 60c; 3 to 4 feet, 75c

**JUNIPER (E).**—Very desirable, generally grown in pyramidal form; foliage fine and beautiful.

**Compacta.** 2 foot up \$1.50 to \$3.00

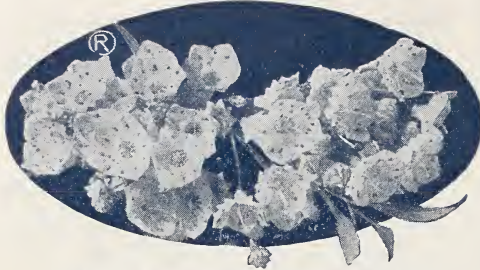
**Irish, Swedish and English.**

2 to 3 feet, \$1.00 to \$2.00; specimens, \$2.50 to \$5.00



Hydrangea Hortensia (under the Trees)

**KALMIA (E)**—Mountain Laurel.—A beautiful companion to the Rhododendron; beautiful flowers in clusters, pink changing to white; elegant foliage.  
Each \$1.50 to \$2.00



Kalmia Flowers (One-third Size)

**KERRIA (D)**—Corochorus.

**Japonica.**—A green-branched shrub, 5 to 6 feet high; abundant yellow flowers from June to October. Each 50c to 60c

**LAUREL (E).**

**English.**—A small tree, or bush, with handsome shining thick foliage. Excellent for large hedges or screens or as single specimens.  
18 to 24 inch, each 75c to \$1.00; 2 to 3 feet, \$1.50.

Small, 12 to 18 in. and up, 50c to 60c. Write for prices in quantity for hedge.

**LAURUSTINUS.**—A small, intricately branched tree with glossy leaves. Flowers white, disposed in slender racemes appearing in late fall and winter.  
75c to \$1.00

**LABURNUM (D)**—Cytisus.

**Laburnum (Common Laburnum, or Golden Chain).**—Smooth and shining foliage. The name "Golden Chain" alludes to the drooping racemes of yellow flowers which appear in June.

Each 35c, 50c, 75c to \$1.00



Single Lilac (Budded Stock)

**LINDEN (D)**—European.—Very desirable and beautiful tree for park or street planting; large heart-shaped leaves, white flowers.  
5 to 6 feet each 75c; 6 to 8 feet \$1.00 to \$1.50

**LILACS (D)**—Syringa.—Every one loves the lilac and no garden is complete without one or more. The new imported grafted varieties are very beautiful and produce magnificent large flowers.

**Vulgaris.**—Common White or Purple.

3 to 4 feet, 50c to 75c; large specimens, \$1.00 to \$2.00

**Imported Budded Varieties.**—Your selection following named varieties, 3 to 4-year-old select plants, 3 to 4 feet and up, \$1.00 to \$1.50.

**Belle de Nancy.**—Brilliant rose, white center.

**Charles X (Single).**—A strong, rapid grower; leaves dark and shining; trusses large and rather loose; color reddish purple.

**Marie LeGrave (Single).**—Beautiful creamy white flowers of immense size; bush of dwarf habit. One of the most popular white varieties.

**Souvenir de Louis Spaeth (Single).**—Immense trusses of a deep rosy purple; very choice.

**Mme. Lemoine (Double).**—Fine double white variety that is used extensively for winter forcing.

**Michael Buchner (Double).**—The best pale lilac or lavender.

**President Grevy (Double).**—Very large and double; beautiful blue panicles nearly a foot long.

**LOCUST (D).**

**Black or Yellow.**—A handsome, hardy tree; white flowers in June.  
5 to 6 feet, each 50c; 8 to 9 feet, 75c to \$1.00

**Honey Locust.**—Rapid growing, sharp thorns; excellent for large hedges.  
2 to 3 feet, 25c; 4 to 6 feet, 35c to 50c; 8 to 9 feet, 75c to \$1.00

**MAHONIA AQUILIFOLIA (E)**—Oregon

**Grape.**—Native of Oregon, and our state flower. Very valuable and desirable on account of its beautiful foliage and clusters of yellow flowers in spring, followed by blue-black berries.

Choice plants, nursery grown, each 50c to 75c; large \$1.00 to \$1.50

**MAPLE (D)**—Acer Japonica—Japanese.—

A beautiful class of low-growing, shrub-like trees, having brilliant colored leaves, which retain their brightness from spring until fall. Nothing finer than these can be had for planting, either in groups or singly on the lawn. Their dense, compact growth, graceful habit and rich colored foliage make them favorites with all who see them.

**Price:** Any of the following varieties of Japanese Maples, choice plants, \$1.00 to \$1.50; specimen plants, \$2.00 to \$3.00:

**Atropurpureum.**—Deep maroon, palmate leaf.

**A. Atropurpureum, Dissectum.**—Deep maroon, richly fringed, thread-like leaflets, drooping nature.

**A. Atropurpureum Variegatum.**—Bright crimson, with deep maroon variegation.

**A. Osaka-Zuki.**—Light maroon, changing to blood red in fall; palmate leaf.

**A. Scolopendrifolium Rubrum.**—Dark red, fine, ribbon-like leaflets.

**MAPLE (D)—Acer.**

**Silver Variegated (A. Negundo Variegatum).**—Most attractive; leaf is variegated white and green; at a distance it has the appearance of the whole leaf being a silver-white; an excellent lawn tree. 3 to 4 feet each 75c to \$1.00; 5 to 6 feet, \$1.25 to \$1.50.

**Norway (A. Platanoides).**—Its large, compact habit, broad, deep green shining foliage, and its stout, vigorous growth, renders it one of the most desirable species for streets, parks and lawns. 6 to 7 feet each 60c to 75c; 8 to 10 feet and up \$1.00 to \$1.50.

**Oregon (A. Macrophyllum).**—A most graceful tree; with wide-spreading branches and large foliage; very rapid growth. 6 to 7 feet each 60c to 75c; 8 to 10 feet and up \$1.00 to \$1.50.

**Silver-Leaved, or Soft (A. Dasycarpum).**—Native tree of rapid growth; foliage bright green above and silvery-white beneath. 6 to 8 feet each 60c to 75c; 10 feet up \$1.00 to \$1.50.

**Sugar or Rock (A. Saccharinum).**—Popular; its upright habit of growth, dense shade and adaptability to different soils have rendered it one of the most extensively used. 6 to 7 feet each 75c to \$1.00; 8 to 10 feet and up \$1.00 to \$1.50.

**MULBERRY (D).**

**Downing's Everbearing.**—This makes a fine tree for the lawn or garden, and its abundant supply of refreshing fruit increases its value greatly. 4 to 6 foot body, 2-year heads, each \$1.50 to \$2.00.

**New American Sweet.**—Dwarf, slender, branching variety; graceful and hardy; fine, large edible black fruit. 4 to 6 foot body, 2-year heads, each \$1.50 to \$2.00.

**Russian (Tartarica Pendula).**—Makes a very graceful and desirable small weeping tree. Grows a perfect spreading head. 4 to 6 foot stem, 2-year head, each \$1.00 to \$2.00.

**Tea's Weeping.**—Very graceful, hardy; forms perfect umbrella-shaped heads, with long, slender, willow branches, drooping to the ground; beautiful, healthy foliage. Grafted 1-year heads, \$1.50; 2 years and over, according to the shape of heads, \$2.00 to \$5.00 up.



Japanese Maple Dissectum.



Flower Bud of Magnolia Conspicua

**MAGNOLIA (E).**

**Grandiflora.**—Their elegant habit and foliage alone would render them indispensable, but the flowers, their crowning beauty, are unequaled in size and showy effect among hardy trees and shrubs. A magnificent evergreen, with large, leathery green leaves, more than a foot long; bears large, fragrant white flowers. Each 75c to \$1.00; 3 to 3½ feet, \$1.50 to \$2.00; specimens, \$3.50 to \$5.00.

**MAGNOLIA (D).** (See cut.)

**Conspicua.**—A Chinese species of great beauty; shrub-like in growth while young, but attains the size of a tree in time. The flowers are large, pure white, very numerous and appear before the leaves. 2 feet each \$1.00; 3 feet each \$1.50 to \$2.00. Specimens 3 to 4 feet, branched, \$3.50 to \$5.00.

**Soulangiana.**—In habit it closely resembles Conspicua; flowers white and purple, cup-shaped and three to five inches in diameter; foliage large, glossy and massive; blooms later than Conspicua. Small, each \$1.00; large, each \$1.50 to \$3.00; specimens, \$3.50 to \$5.00.

**Lennei.**—Foliage large; flowers cup-shaped, dark red or purple; very showy; finest of the purple Magnolias. Each 3 to 4 feet, branched, \$3.50 to \$5.00.

**Obovata.**—Has striking flowers, light purple, richly variegated with white. Small, each \$1.00; large, \$1.50 to \$3.00; specimens, \$3.50 to \$5.00.

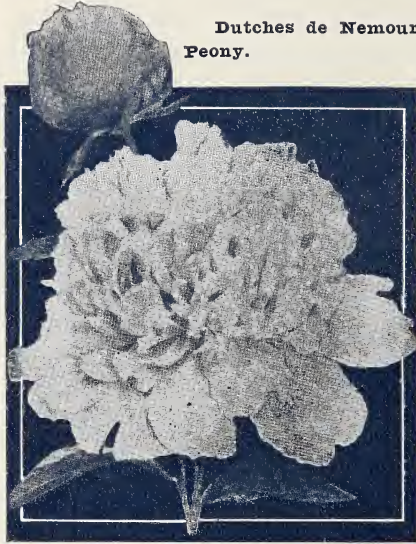
**MOUNTAIN ASH (D).**—Very ornamental trees, especially when covered with its clusters of red berries in the fall.

**European.**

6 to 8 feet 50c to 75c; 9 to 10 feet \$1.00 to \$1.50.

**BRIGHTEN YOUR HOME GROUNDS** by planting a few flowering shrubs—the best investment you can make.

**PEONY MOUTAN (D)**—Tree Peony.—A small tree-shaped shrub, which in May is covered with dozens of massive blooms; it presents a magnificent display. We have Cream, White, Pink, Scarlet, Rose and Variegated. Each 75c; strong plants \$1.00 to \$1.50 each.



**Dutches de Nemours Peony.**

**PEONY (D)**—Double Herbaceous.—One of the most beautiful flowering plants, blooming in May and June. The new varieties are simply gorgeous. Once planted they increase in size and profusion of bloom. Most desirable and beautiful for hedges, groups or individual planting.

**Festiva Maxima.**—A beautiful pure white, sometimes tipped carmine on the center petals. Flower enormous in size, very full and double. Each 35c and 50c

**Couronne d'Or.**—Large bloom, creamy white, reflexed yellow. A most distinct and striking variety. Each 50c

**Dutches de Nemours.**—A superb ivory-white variety of our finest quality. Each 60c

**Edouard Andre.**—Immense globular bloom of a deep crimson red, with metallic reflex; very brilliant golden yellow stamens, forming a striking contrast. Each 50c

**Rubra Triumphans.**—Early. A satiny-finished, intensely rich crimson; very fragrant. Each 35c and 50c

**Peonia tenuifolia fl. pl. (Fringed or Carrot Leaved).**—Distinct; handsome divided foliage; flowers large, very double and of a deep blood-red; a dwarf, compact bloomer. Each 35c and 50c

**FOUR CHOICE COLORS.**

**Special.**—One each of the following select kinds for only \$1.00 postpaid.

**Queen Victoria.**—Blush white; free flowering. Each 30c

**Officinalis Alba.**—One of the best early, pure white. Each 30c

**Officinalis Rubra.**—Bright scarlet crimson; very early, rare and fine. Each 30c

**Officinalis Rosea.**—Beautiful pink, very early and choice. Each 30c

Ethel, Wash., April 17, 1914.

Routledge Seed & Floral Co.

Gentlemen: I got the Chestnut trees in first-class condition, and was surprised to receive them so quick. I have sent to many different nurseries, but I have never been so pleased as I was with those trees; they were nicely packed. Thanking you for your promptness, I remain

Very truly yours,

J. A. JOHNSON.

**PHILADELPHUS (D)**—Mock Orange.—Popular shrubs. They are usually tall, vigorous growers, with large foliage and flowers, and are valuable for backgrounds screens, grouping and specimens. Flowers are sweet-scented, milk-white and bloom in May and June.

Each 35c, 50c and 75c

**Gordonianus (Gordons Syringa).**—A valuable variety, blooms late and profusely. Each 35c, 50c and 75c

**Grandiflorus.**—Very large, showy, fragrant flowers, somewhat drooping in habit. Each 35c, 50c and 75c

**POPULAR (D).**—These well-known trees are planted largely for windbreaks, ornamental purposes and street planting, although not desirable near cement walks.

**Carolina.**—Vigorous growing variety; 4 to 6 feet each 50c; 8 to 10 feet 60c to \$1.00.

**Lombardy.**—Very rapid, erect growing tree, with tall, spiral form. Each 50c to \$1.00

**PRUNUS (D).**—Among the most beautiful deciduous hardy shrubs of Japan are the flowering plums, apples and cherries. Fine for small and large lawns. They flower profusely very early in the spring before the leaves appear; excellent for cutting.

**Japan Flowering Apple.**—Fragrant and beautiful; very early; White and Pink. Each \$1.00

**Cerasus (Cherry).**—Exquisite flowers in May. Each \$1.00

**Pissardi.**—The purple-leaved plum of Japan. Covered in the spring with clouds of white flowers. Each 75c; extra \$1.00 to \$1.50

**PRIVET (Evergreen).**—One of the best hedge plants; has small, pointed, evergreen leaves; grows rapidly and compactly; stands severe pruning, and can be kept in fine shape with little care. (See cut.)

1-year-old plants, 12 inches up, per 50, \$1.75; per 100, \$3.00; 2-year-old plants, 24 inches up, per 50, \$3.50; per 100, \$6.00



**Privet Hedge. ;**

Our prices are for large, hardy field grown shrubs—not yearlings, cuttings or greenhouse plants. They are worth all we ask. Note—We can send all small and medium sized shrubs by mail this year—see page 3 and inside front cover.



Japan Quince.

**QUINCE (D)**—*Cydonia*.

**Japonica (Japan Quince).**—Popular shrub, which blooms profusely in early spring; flowers dazzling scarlet; makes an excellent hedge. Each 35c, 50c and 75c

**RETINOSPOEA (E).**

One of our most showy and graceful evergreens. There is a large class of Retinosporas, but the most popular are those of compact, tufted character. Choice, well-shaped plants in Green and Golden.

1 to 2 feet. \$1.00 to \$2.50 and up

**RED BUD—Cercis (D).**

**American Judas Tree (B).**—A very ornamental shrub for lawns; perfect heart-shaped leaves. Derives the name of Red Bud from the profusion of delicate reddish purple flowers with which it is covered before the foliage appears.

Each 75c to \$1.00



Colorado Blue Spruce (Kosteri)

**RHODODENDRON PLANT**

"Balled in earth." Can be moved any time from October to June. Not mailable.

**RHODODENDREONS (E).**

This, wherever known, is universally acknowledged to be the most showy, magnificent, hardy evergreen shrub that grows.

The broad, thick, evergreen foliage with its glossy richness, would alone entitle it to a place foremost in the rank of evergreen shrubs, but when, in May and June, this mass of luxuriant foliage is almost hidden by the magnificent array of beautiful flowers in all colors from white to purple, the effect is simply grand. We import from Holland the choicest and best-named varieties.

Good plants. \$1.50 to \$2.00

**Choice Named Varieties.**—Strong and bushy, well set with flower buds that will flower nicely the first year; your selection of colors in White, Pink, Rose, bright or dark Red, Lavender, Rosy Lilac or Purple.

Prices: Small plants \$1.50 each; select, \$2.00 each, \$20.00 dozen; extra select, \$2.50 each, \$25.00 dozen; extra large specimens, \$3.00 to \$5.00 each.

**Ponticum.**—Very hardy, strong grower, rosy purple flowers.

2 to 3 ft., \$1.00 to \$1.50

**SMOKE TREE—Rhus.**

**Purple Fringe or Smoke Tree.**

Small, 50c to 60c; specimens, \$1.00

**White Fringe.**

75c to \$1.00

**SPRUCE (E)—Abies.**

**Excelsa (Norway Spruce).**—One of our most popular evergreens. Very desirable for single specimens in the lawn and largely used for screens and wind breaks on account of its rapid growth. Foliage dark green.

Specimen plants, 75c to \$2.50 each; for hedges 20c to 60c, according to size.

**Pungens, Glauca-Kosteri (Colorado Blue).**

—A beautiful variety on account of its magnificent rich, silvery blue color. We offer only the "true blue" imported from Holland.

Small plants, \$1.50 to \$2.00; 3 feet up, \$4.00 to \$5.00.

REMEMBER. "E" following the name signifies Evergreen plants that must be balled and are not mailable. See inside front cover about prepaying.



**Spirea Thunbergii**

**SPIREAS (D).**—Graceful shrubs, everyone should plant. They are of the easiest culture, and very desirable in collections. All the Spireas bloom with a riotous extravagance which makes them quite striking. Their individual style, color and habits of growth differ so markedly, that a collection of varieties will ensure bloom the entire season.

**Anthony Waterer (Bumalda).**—Covered nearly the whole growing season with large umbels of deep crimson flowers.

Each 60c and 75c

**Frunifolia (Bridal Wreath).**—Slender, erect ingrowing variety, bearing very early in the spring, small double white flowers the entire length of its branches; very graceful habit. Each 35c, 50c and 60c

**Van Houtte.**—The grandest of all the Spireas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing; perfectly hardy and an early bloomer. (See cut.)

Each 25c, 35c, 50c and 60c

**Thunbergii.**—Of graceful habit; the branches are slender and somewhat drooping; foliage in autumn changes to bright red and orange; flowers in feathery masses, white, appearing early. (See cut.)

Each 25c, 35c, 50c and 60c

**Billardi.**—Produces fine, deep pink flowers and blooms nearly all summer. (See cut.)

Each 25c, 35c, 50c and 60c



**Spirea Van Houtte**

**NOTE—NO MORE AGENTS** or traveling salesmen for us. We can give you better satisfaction without them. See page 3 and inside front cover.

**DON'T**

Be misled by the fine catalogs with little prices sent out from the East. Buy our field grown plant, much larger and better than the weakly Eastern stock. We know it!



**Spirea Billardia (Flower Spike)**

**SUMAC (D).**

**Cut-Leaved Sumac (Rhus Glabra Laciniata).**—A beautiful shrub, with large leaves, deeply and finely cut, and drooping graceful habit. Leaves assume a gorgeous crimson color in autumn.

50c to 75c

**SYMPHORICARPUS (D).**—Highly valued for use in densely shaded situations where little else will grow, and for the striking beauty of their bright, persistent fruits. 3 to 5 feet.

**Alba (Snowberry).**—Inconspicuous, rose-colored flowers in June and July; followed by large, clustered, milk white fruits which remain far into the winter.

35c, 50c and 75c

**Rubra (Indian Currant).**—Similar to the Snowberry except that its fruits are red and that the smaller red berries cluster in thickly about the stems and branches.

35c, 50c and 75c

**TAMARIX (D).**—Tamarisk.—Shrubs of light green, feathery foliage, thriving in light, sandy soil.

**Africana.**—Pink flowers. Each 50c to 60c

**TULIP TREE (D).**—A rapid-growing tree, with rich, glossy foliage; flowers tulip-shape, greenish-yellow; a fine shade tree. 4 to 6 ft. each 75c; 7 to 8 ft. each \$1.00 to \$1.50.



**Viburnum Plicatum—Japanese Snowball.**

**VIBURNUM (D)—Snowball.**

**Sterilis (Common Snowball).**—Blooms in latter part of May. Flowers pure white, large balls. Every one should plant a Snowball.

3 to 4 ft. each 50c to 60c; 5 to 6 ft. 75c to \$1.00; extra choice plants \$1.50.

**Plicatum (Japanese Snowball).**—One of the most charming hardy flowering shrubs in existence; bears great wreaths and clusters of pure white globular masses of flowers; covered with bloom for weeks in the spring; grows 4 to 6 feet high; entirely hardy.

1½ to 2 ft. 50c to 60c; 2 to 3 ft. 75c to \$1.00.

**Lantana (Wayfaring Tree).**—White flowers in large dense cymes; fruits bright red, changing to a much darker shade with age. Each 35c, 50c and 75c

**Opulus (High Bush Cranberry).**—Handsome and dense foliage; flowers white in drooping flat cymes followed by brilliant scarlet fruit in showy pendulous bunches that remain on the plant all winter. Each 35c, 50c and 75c

**WILLOW (D)—Salix.**

**Babylonica (Babylonian or Weeping Willow.)**—Foliage is bright green and has a wavy appearance. A well-known and graceful variety. Each 60c to \$1.00

**Caprea Pendula (Kilmarnock Weeping Willow.)**—Very distinct and ornamental. Large, dark green leaves; branches droop to the ground.

4 to 6 ft. stem, good head, \$1.50 to \$2.50

**WEIGELA (D) — (Diervilla).**—Beautiful shrubs that bloom in May, June and July. The beautiful trumpet-shaped flowers are produced in so great profusion as to almost entirely hide the foliage. They are very desirable for the border or grouping, and as specimen plants for the lawn. (See illustration).

Prices: Following kinds, each 35c to 50c; extra large plants, 60c to 75c.

**Rosea.**—Lovely large, rose-colored flowers, borne in such profusion that the whole bush appears a mass of rosy bloom.

**WALNUTS (D).**

**American Black (Juglan).**

4 to 6 ft. each 60c to 75c

**English or French.**—We have a fine lot of young trees. These are nut-bearing, second-generation stock and of the best varieties for this Coast.

Prices: 2 years, 3 to 4 ft. 50c to 60c; 5 ft. each 75c; 6 to 8 ft. \$1.00 each; 8 to 9 ft. \$1.25.

Write for our very low prices by the hundred.



**Weigela (Flowers one-half Size.)**

**Candida.**—Beautiful white flowers; a continuous and profuse bloomer; very hardy.

**YEW (E)—Taxus.**

Small growing evergreens that are highly ornamental as single specimens or in groups. Very desirable for formal effects.

**English (Baccata).**—Of slow growth and bushy form; branched and thickly covered with somber green foliage; can be trimmed into any shape. \$2.00 to \$2.50

**Irish (Hibernica).**—Peculiarly upright in growth; foliage dark green and distinct; compact. \$1.50 to \$3.00

**Irish Golden.**—Leaves green and gold; very attractive and effective. \$1.50 to \$2.50

**YUCCA (E)—Adam's Needle.**

A stately foliage and flowering plant equally imposing in solitary or group plantings, always conspicuous. The broad sword-like foliage is evergreen; while midsummer shows great erect branching stems bearing a showy display of pendant, creamy-white bells. 1-year plants, 8 to 10-inch, 20c each, \$2.00 dozen; 2-year and up, 35c to 50c; 15 to 24-inch, 75c to \$1.00; specimen plants, \$1.50 to \$3.00.

**HARDY VINES.**

**CLEMATIS (Virgin's Bower).**—No hardy flowering climbing vine excels in beauty and effectiveness the finer sorts of Clematis. As a climber for the veranda, a screen for fences, for pillars along the garden walks, for training on walls or arbors, or in masses on rockwork, it has no rival among strong growing blossoming plants. The Clematis should be grown in rich, deep, sandy loam, and be well mulched with rotten manure in



**Clematis Jackmanii Vine and Single Flower, 1/4 Size**



winter. The richest sheets of bloom and largest flowers are obtained where it has partial shade and a liberal supply of water at the roots.

**Paniculata (New Sweet-Scented Japan Clematis).**—Of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy, green foliage. The flowers are of small size, pure white, borne in profusion in September and October, and of a most delicious and penetrating fragrance.

Small plants, 25c; strong 2 to 3-year-old plants, 35c to 75c each.

**C. Montana.**—A hardy rapid grower, flowers snow white, fragrant and freely produced in May and June. Strong plants, 50c to 75c

**C. Coccinea.**—Hardy. Handsome bell-shaped flowers; bright red from June until frost. Strong plants, 35c to 50c

**LARGE-FLOWERED CLEMATIS**

These bear large and beautiful flowers of various shades of color through the latter part of the summer and early fall. The following varieties are the very best and our plants are all two years old.

Your choice of the following strong roots 75c each; 3 for \$2.00; 5 kinds, \$2.75 postpaid.

**Henryi.**—Fine, large, creamy white flowers.

**Jackmanii.**—Intense violet purple; most popular variety.

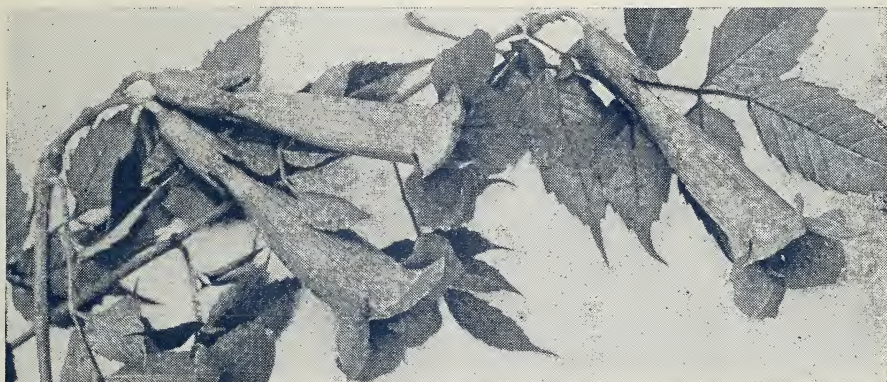
**Ville de Lyon.**—The best bright red; equal to Jackmanii in size.

**Lawsoniana.**—The best light blue or lavender.

**Duchess of Edinburgh.**—A free-flowering double white variety; very fragrant.



## HARDY CLIMBING AND TRAILING VINES—Continued.



Trumpet Vine (Bignonia).

### AMPELOPSIS

**Veitchi (Boston Ivy, or Japan Ivy).**—The most popular and desirable climbing plant for covering brick, stone or cement walls, etc.; when it becomes established at the root it is of very rapid growth, and clings to the smoothest surface. The foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. In planting Veitchi of all kinds, the plants should be cut down to within 6 inches of the ground, so that the new growth may cling to the wall from the bottom up.  
Strong plants 25c to 35c; extra strong 50c

**Quinquifolia (Virginia Creeper, or American Ivy).**—This well-known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall.  
Strong plants 25c to 35c; extra strong 50c

**Engelmanni.**—Very much like the above, but on a rough surface it will cling without support in the same way as the Veitchi.  
Strong plants 25c to 35c; extra strong 50c

### IVY

**Common English.**—Thick, leathery, evergreen leaves; strong grower.  
Good roots each 15c to 25c

### CLIMBING HYDRANGEA

**Schizophragma.**—This bears large panicles or trusses of flowers, which resemble a white Hydrangea. It clings readily to any rough surface or wall, flowering freely during July and August.  
Large imported plants \$1.25 each; cannot be mailed.

### DUTCHMAN'S PIPE (Aristolochia Sepho)

A strong, rapid growing vine with handsome light green leaves. It will give a quick, dense shade and is much used on arbors and trellises. The brown flowers are shaped like the bowl of a pipe. Large plants.  
Each 75c to \$1.00

### HONEYSUCKLE

A beautiful climber, rapid grower and very desirable; flowers very fragrant, and produced in great profusion. Your choice of the following 35c to 50c each; extra strong 60c to 75c:

**Halleana.**—Very popular; almost evergreen; profuse bloomer; flowers white, passing to yellow.

**Belgica (Monthly Fragrant).**—Flowers are large and very fragrant; color red and yellow.

**Sempervirens (Scarlet Trumpet Honeysuckle).**—Trumpet-shaped flowers of a bright scarlet.

**Flava (Yellow Trumpet).**—A choice but scarce species, with bright yellow flowers.

### JASMINE

Graceful, pretty flowers with fine foliage, clean, neat, attractive and hardy.  
Each 50c to 60c

### TRUMPET VINE—Bignonia

For covering unsightly places, trellises, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size.

Strong plants each 50c to 75c

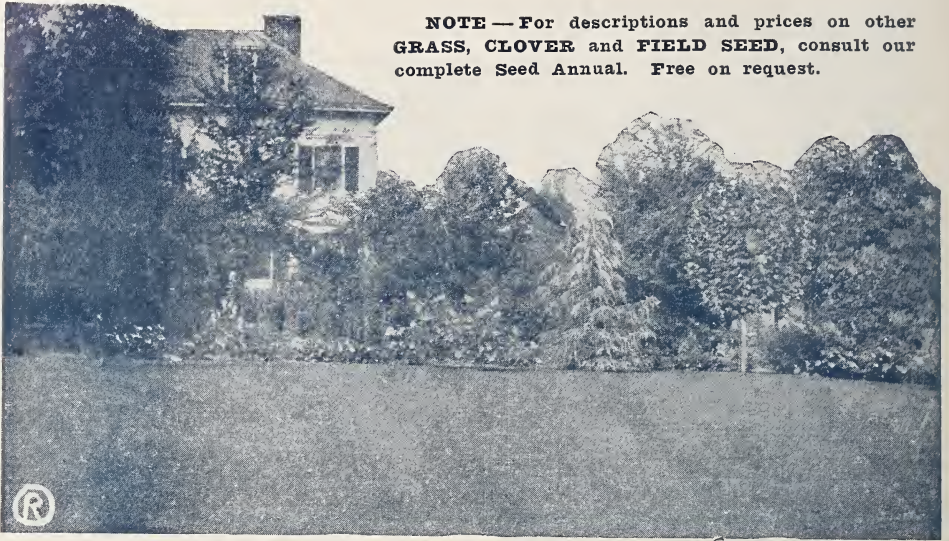
### WISTERIA

A rapid, hardy climber that will grow to a height of 50 feet or more. The fine foliage and flowers are produced early in the season, and come in magnificent clusters. One of the most desirable and showy climbers we know of.

**Sinensis.**—Lovely panicles of flowers, produced in the most wonderful profusion. White or Purple, strong, 2-year vines, 60c to 75c; extra heavy, \$1.00 to \$1.50 ea.

**Multijuga.**—This valuable new Wisteria was introduced from Japan, and produces magnificent racemes of lovely flowers, often measuring 18 to 24 inches in length. White or Purple—budded stock from Japan \$1.00 to \$1.50; extra old and strong, \$2.00 to \$2.50.

**Important**—When planting clematis and other vines be sure you spread out the mat of fine roots so that the soil comes in contact with all of them, otherwise they will dry out and die.



**NOTE**—For descriptions and prices on other **GRASS, CLOVER** and **FIELD SEED**, consult our complete Seed Annual. Free on request.

## R. R.'S EVERGREEN LAWN GRASS

To obtain a good Lawn Grass Mixture, it is necessary that the best possible seed of fine grasses be used in the combination, embracing such varieties as are of neat, close growth, extreme hardiness, and adapted to produce a quick, permanent sod. Judicious selection of seed, knowledge of the habits, vigor, quality and hardiness of varieties used in the mixture can only be gained by thorough and practical tests under different climatic and soil conditions. After more than 16 years' experience, we offer our Evergreen Lawn Grass Seed Mixture, composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting grasses of interweaving habit, that will flourish under varied soil and climatic conditions, and which may be depended upon to produce a beautiful, compact evergreen sod that will resist tramping and hard usage, and at the same time present that handsome, velvety appearance so much desired.

**PRICE, 35c per lb. in any quantity; can't be sold for less; postage extra.**

**Note.**—You better spend a few cents of a dollar extra on the seed you buy and have a fine lawn that you'll be proud of. Sow 1 pound seed to 15 feet square for best results.

**FAIR GREEN LAWN GRASS.**—For those that are not so particular or for ordinary purposes, this mixture will give satisfaction. It is not a cheap mixture; far from it. We know it is equal to most fancy or special mixtures being offered. **Per lb., 25c; postage extra**

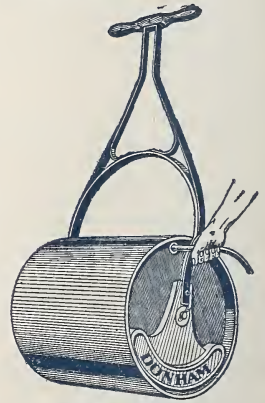
## DUNHAM Water-Weight LAWN ROLLERS

These are the most satisfactory and serviceable rollers on the market. Important features: Easy running, roller bearing, electric welded, no rivets, cannot leak, perfectly smooth drum, and can be made heavy or light, according to the work required. (See cut.) Easy to fill or empty, and the largest size can be operated by one man.

### THE ROLLING OF LAWNS

It is absolutely impossible to keep a lawn, large or small, in perfect condition without rolling, no matter how many other things may be done in taking care of it. This fact should be well understood by the large and growing army of Americans who take pride in the beauty of the lawns surrounding their city or country homes. Ask for booklet—"The Proper Care of Lawns"—free. We carry the following sizes in stock. We will gladly get larger sizes on orders.

- No. W. E. 3.**—One section, 14x20 inches. Weight, empty, 60 lbs.; filled, 200 to 300 lbs. **Price \$11.00**
- No. W. E. 5.**—One section, 18x24 inches. Weight, empty, 75 lbs.; filled, 300 to 500 lbs. **Price \$13.00**
- No. W. E. 7.**—One section, 24x24 inches. Weight, empty, 125 lbs.; filled, 500 to 800 lbs. **Price \$17.50**
- No. W. E. 11.**—Two sections, each 18x12 (total length, 24 inches); weight, empty, 100 lbs.; filled, 300 to 500 lbs. **Price \$18.50**
- No. W. E. 13.**—Two sections, each 24x16 (total length, 32 inches. Weight, empty, 270 lbs.; filled with water, 650 lbs., with sand, 1000 lbs. **Price \$25.00**



Dunham Roller

Take out the plug and fill from a hose, or use dry sand. **Price \$11.00**

**We Sell Lawn and Garden Tools of All Kinds. Catalog Free.**

## SWEET PEAS OF HIGHEST QUALITY

No seed company in the world offers finer Sweet Pea Seed than we. The new orchid-flowered or Spencer types are the latest, and well worth the higher price asked. Those who have tried the true "new Spencers" will never be satisfied again with the old types.



New Spencer Sweet Peas

### Plant This Fall

In order to secure very early flowers, you must plant Sweet Peas in the fall, in well drained soil.

During September and October is the best time. The idea is to get the plants up a few inches before it gets so cold that the seed will not sprout. The plants will not grow much during the winter, but will start quickly with the first warm days of spring. In case of very severe weather, a light covering of straw or fir boughs will protect them from serious injury. If your soil and location are good for fall planting, you will have flowers by the time many people plant in the spring. Should you fail, you can plant again in the early spring, and not be out much. The results if you succeed are worth the effort and outlay. We are headquarters on this coast for the Giant Spencer Sweet Peas and have the choicest varieties.

**PRICES (Giant Spencers)**, mixed or separate colors, your choice, 10c to 25c per pkt.; 35c to \$1.60 per oz. **Grandiflora**, pkt. 5c, oz. 15c. Our Seed Catalog gives full description and prices, but the following are very desirable.

### ROSE CITY MIXTURE OF GRANDIFLORA

Extraordinary care has been taken in the selection of the varieties and the quantities of each to make up the mixture, and the result is one that cannot fail to excite the admiration of even the most critical.

**Large pkt. 5c; oz. 10c; ¼-lb. 20c; 1b. 60c**

### R. R.'S SUPERB GIANT SPENCER MIXTURE SWEET PEAS

This is our own special mixture and is composed only of the best giant orchid-flowered wavy Spencer types, also contains some new seedlings that have not as yet been named. For healthy, robust growth, wealth of blooms, size of flowers and exquisite and rare colorings, this mixture is unequalled.

**Put up and for sale in sealed packages only; ½-oz. pkts., 15c; oz. pkts., 25c each, 3 for 60c, 6 for \$1.00.**

### R. S. & F. CO.'S GIANT SPENCER COLLECTION

We have put up, in one large, beautifully lithographed envelope, seven distinct and new Giant "Spencers"; each kind in a separate packet and properly marked. This collection contains "Cultural Directions" and one full-sized packet of the following kinds: **WHITE SPENCER**, Pure White, 10c; **PRIMROSE SPENCER**, Cream, 10c; **Mrs. W. C. BREADMORE**, Pink, 10c; **KING EDWARD SPENCER**, Scarlet, 10c; **ASTA OHN SPENCER**, Lavender, 10c; **HELEN LEWIS SPENCER**, Orange, 10c; **NOVELTY**, some new kind, 15c.

**This 75c collection for only 50c postpaid.**

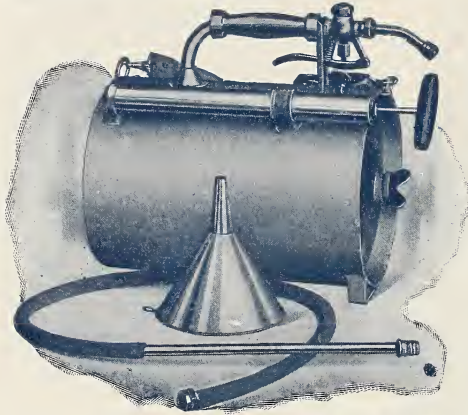
**FLOWER SEEDS OF HARDY PERENNIALS.**—By sowing the seed this fall, in a sheltered part of the garden, or in cold frames or "flats," you can raise at little cost a good supply of any of the Perennial Flowering Plants we offer on pages 22 to 26. Seed sown this fall will produce plants that will flower nicely for you next summer and fall. Order what you want at 10c per packet, or consult our Seed Catalog—we'll mail copy, if you have none.

## SPRAY PUMPS AND SPRAYERS

We can supply nearly twenty different styles, from a light hand pump to the large, powerful power outfits.

We describe and illustrate below only a few hand sprayers, but will gladly mail our complete catalog of Hand, Barrel and Power pumps on request. Our pumps are guaranteed to be as represented or money refunded.

**BY MAIL**—If wanted by mail, add postage—note P. P. (Parcel Post) weights. Your postmaster will tell you how much to send.



**Lowell Fountain Compressed Air Sprayer**

### LOWELL FOUNTAIN SPRAYER

The only perfect and satisfactory compressed air sprayer on the market. It's really a pleasure to operate them. They are really a pleasure to operate them.

Every city gardener, florist and poultry keeper needs a Lowell Fountain Sprayer; clean and easy to operate; no need to get any spray on your hands or clothes; will last a lifetime with reasonable care. (Try one at our store.)

**Special Features:** Capacity 3 gallons; can be carried by the handle (see cut) or a strap that goes over the shoulder. The automatic controlling valve under the handle is easily operated with one finger. You have perfect control of the spray and don't waste any. The air pressure pump is outside where you can get at it, the filler plug is well made and fits tight. The tank after being seamed and riveted is dipped into molten solder, making it absolutely air-tight and the strongest Air Pressure Sprayer made, standing five times the air pressure necessary to operate. Hose and extension, 2 nozzles and filler funnel, with each outfit. Extra 2 feet brass extensions can be had for spraying high. Complete description booklet on request.

**Price:** No. 110, brass tank, \$7.00; No. 111, galvanized tank, \$5.00. (P. P. 12 lbs.)

**NOTE**—Can be sent by parcel post, but express is safer.

**Extras**—2-foot brass extension rods, each 50c; vine attachment, 2-foot extension with bent neck, each 75c. (P. P. 1 lb.)

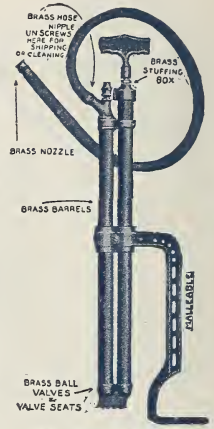
**Note**—Any little part can be furnished at any time. If wanted, send for catalog showing parts.

### Sprays—Insecticides

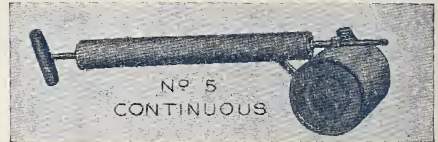
We carry in stock a full and complete line of Sprays and Insecticides for fall, winter and spring spraying. If interested, and you should be, refer to our Spring Seed Catalog, page 106, if you have it, or write for information.

**DON'T WAIT** until the fungi, such as mildew, rust, black spot, etc., have attacked your roses and trees; the fungicide sprays are merely preventives and should be used in the fall or early in the spring. After the disease has developed, it may be too late to save the plant. Spray as soon as the leaves drop with "Bordeaux."

**O. K. BRASS BUCKET PUMP**  
(See cut.) — Constructed entirely of brass. It is furnished with three feet of best quality rubber hose, detachable; malleable iron stirrup, three interchangeable brass nozzles which throw a fine mist, coarse spray or a solid stream. Pump is provided with large air chamber, with brass ball valves and valve seats. Throws a continuous spray; neat in appearance as well as durable in construction. Much superior to pumps of this class offered heretofore. Look at illustration carefully. (P. P. 7 lbs.) **Price \$2.75**

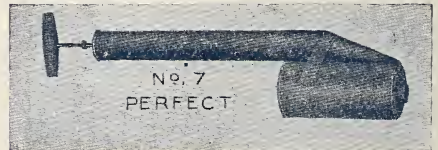


**O. K. Bucket Pump**



**NO. 5 CONTINUOUS SPRAYER**

A new continuous hand sprayer of real merit; the new style for 1914 is larger and greatly improved. As the name implies, is so constructed that it not only sprays on the downward stroke of plunger, but also when it is drawn back, thus causing a continuous mist-like spray, enabling one to spray three times as fast and with one-third the labor. Positive in its action and practically indestructible. Length 20 inches. Capacity, one quart. (P. P. weight 1 1/4 lbs.) **Each: tin, 75c; galvanized, \$1.00; brass, \$1.50.**



**NO. 7 PERFECT SPRAYER**

Capacity, one quart. The special arrangement of the spraying tube is such that it thoroughly breaks up or atomizes all oils and solutions into a fine mist-like spray which penetrates all cracks and crevices. Adapted for all kinds of general spraying and is used very extensively for spraying disinfectants, etc. Length 20 inches. (P. P. 1 1/4 lbs.) **Each 50c.**

# TOOLS EVERY GARDENER AND FRUIT MAN NEEDS

We give the P. P. (Parcel Post) weights so you can add postage if wanted by mail. Don't forget to send it extra.

## Pruning Saws

- No. 46—Duplex; double edge; 16-inch...75c
- 18-inch (P. P. 1 lb.).....80c
- California; curved blade, 16-in...75c
- 18-inch (P. P. 1¼ lbs.).....\$1.00

## Branch Shears

Something everyone with a few trees should have; cut easy and are most durable. (See illustrations with Nos.)

- No. 48—Clyde.—Best cheap shear, 20-inch handle .....\$1.00
- 22-inch (P. P. 4 lbs.)..... 1.25
- No. 50—Fesno.—Long pointed blades of best steel; hardwood handles; 20-inch handle..... 1.25
- 26-inch (P. P. 4 lbs.)..... 1.50
- No. 49—Red Clipper.—Draw cut with best tool steel blade; hook and shank held together with bolt and lock nut; hard maple handles; best for heavy work; cuts easy. 22-inch handle ..... 1.75
- 24-inch (P. P. 4½ lbs.)..... 2.00
- No. 47—Hedge Shears.—9-inch, high grade steel blades (P. P. 4½ lbs.) ..... 1.75



## Tree Pruners

Long handle tree pruners indispensable for pruning tall trees.  
 Clyde.—No. 15, with spring; 6 feet, 75c; 8 feet, 90c; 10 feet, \$1.00; 12 feet, \$1.15. Cannot go by mail; freight or express, purchaser's expense.

## Budding Knives

- No. 20—Ivory handle; 1 blade, of best steel .....\$1.00
- No. 20½—Same as above; black handle .85
- No. 18—Ebony handle; stationary ivory bark opener ..... 1.00
- No. 19—Wood handle; with good steel blade ..... .85
- No. 14—Horn handle; for budding or pruning; 3 blades ..... 1.50
- No. 16—Horn handle; for budding or pruning; 2 blades ..... 1.00
- M. & G.—Stationary wood handle..... .30

## Pruning Knives

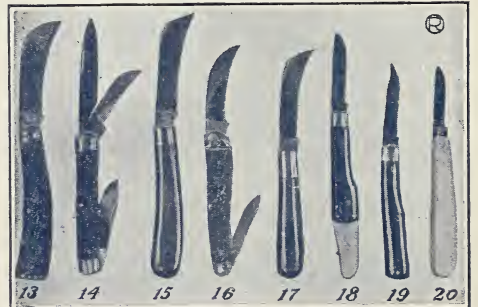
- No. 15—Large wood handle; hook blade.\$ .85
- No. 17—Same as above, only smaller.. .50
- No. 13—Large horn handle; excellent blade ..... 1.25
- M. & G.—Plain wood handle; stationary blade ..... .50

## Grafting Knives

- No. 1—M. & G. wood handle; stationary blade .....\$ .35
- No. 2—Same as above, only smaller.... .25

## Pruning Shears

- No. 36—5½-inch, nickel plated, spiral spring, for rose bushes or light pruning (P. P. 4 oz.)...\$1.00
- No. D-7—Same style as 36, but stronger and heavier (P. P. 2 lbs.)... 1.35
- No. 37—Same as above, 6½-inch (P. P. 8 oz.) ..... 1.25
- No. 31—9-inch, bright finish, polished blade; good for hard service (P. P. 1 lb.) ..... 1.00
- No. 32—9-inch, same as No. 31, only black finish ..... .75
- No. 30—9-inch, full polish, double brass spring, extra good shear (P. P. 1¼ lbs.) ..... 1.50
- No. R-35—9-inch, Swiss, full polish, with extra blade; very fine steel, spiral spring, ratchet nut (P. P. 1¼ lbs.)..... 1.75
- No. 33—Black, with polished blade; best cheap shear (P. P. 1 lb.).... .35
- No. 35—Extra spiral springs postpaid... .15



**REMEMBER**—If you order above tools by mail or parcel post, add postage extra. We give you P. P. weight so you can figure out just the amount to send according to the zone you live in from Portland.

## BIRDS

We are the largest importers and dealers in Birds and Gold Fish in the Northwest. This department of our business has grown rapidly and we now carry large and complete stocks of supplies and foods and all birds in their season.



### Canary Birds

**Note.**—Do not compare our prices with the irresponsible bird fakers, who sell for little prices and supply inferior stock and females for males, etc.

**AMERICAN BRED ROLLERS.** Healthy, hardy, well-shaped birds, fine singers; all colors. **MALES**, \$2.50 to \$3.50 each. **FEMALES**, \$1.00; Selected deep yellow, \$2.00.

**HARTZ MOUNTAIN ROLLERS (Imported).** From the Hartz Mountains, Germany. Beautiful and incessant singers, hardy and thrive anywhere. Their cheery song is like sunshine to the soul; their bright plumage, active ways and cheerful dispositions make them the favorites and most popular. **MALES**, \$3.50 to \$5.00 each. **FEMALES**, \$1.50 to \$2.00 each.

**ST. ANDREASBERG (Imported.)** These are world-renowned and the sweetest singers. They are given three to six months' musical training to develop the long trills, flute notes, etc. **MALES**, \$7.50 to \$10.00 each. **FEMALES**, \$2.00 to \$3.00.

### Parrots

We handle more young parrots than all other Northwestern dealers combined. The young parrots are in season during July, August and September. Old parrots and trained talkers are very scarce, if interested, write. The following birds are hand-raised.

**MEXICAN DOUBLE YELLOW-HEADED.**—These make the excellent talkers, learn quickly and make great pets, large size, green plumage, yellow on top and back of head, red-tipped wings and blue feathers, in wing and tail.  
Each, \$15.00 to \$20.00

**PANAMA PARROT.**—Make good talkers, very large size, bright green plumage with red and blue in wings and tail.  
Each, \$15.00 to \$25.00

**MEXICAN RED-HEADED PARROTS.**—Medium size, trim and active, make fair talkers, gentle. Green plumage, bright red on head, blue in wing and tail.  
Each, \$7.50 to \$10.00



Double Yellow Head.

### Bird Books

**Feathered Pets.**—140 pages gives full description of all cage birds, their food, care and training; 25c postpaid.

**Canary Breeding and Training.**—By Geisler, 25c, postpaid.

**Canary Birds.**—110 pages, 55c, postpaid.

**Parrots and Other Talking Birds.**—Illustrated, 30c, postpaid.

### Paroquets

**AUSTRALIAN SHELL PAROQUETS.** Often called Lovebirds, look like a miniature parrot, a little larger than a canary, plumage green, very intelligent and beautiful. Each \$5.00; pair, \$7.50.

**YELLOW SHELL PAROQUETS.** Very rare, plumage a beautiful opal yellow, lovable pets. Each, \$5.00; pair, \$8.50.

**RING NECK PAROQUETS.** Much larger birds than above, plumage green with a red ring around the neck, beak bright red. Each, \$5.00.

**COCKATEELS.** Often called Australian Cockatoo, a favorite and gentle cage bird, neat and trim, plumage dark grey, white on wings, yellow crest and yellow face with a red spot on each cheek. Each, \$5.00; pair, \$9.00.

### Other Favorite Cage Birds

	Each.	Pair.
Japanese Red Robins .....	\$5.00	\$8.50
White Java (Rice Birds), snow white .....	5.00	7.50
European Gold Finch .....	4.00	7.50
Chestnut Finch .....	2.00	3.50
Society or Strawberry Finch..	3.00	5.00
Nonpareil .....	5.00	

### Parrot Cages

**SQUARE**, heavy tinned wire:

No. 101—15x14, 27 inches high, slide drawer, \$6.00.

No. 102—18x15, 28 inches high, slide drawer, \$6.50.

No. 115—16x11, 23 inches high, slide bottom, \$5.50.

No. 120—18x14, 25 inches high, slide bottom, \$6.00.

**ROUND**

No. 55—14 inches diameter, 21 high, \$2.75.

No. 60—16 inches diameter, 23 high, \$4.00. \$4.00.

No. 65—17½ inches diameter, 28 high, \$5.00.

**PARROT STANDS.** Enameled, with tray and feed cups. Each, \$6.50.

**PARROT CAGE CUPS.** Heavy metal, self-locking, 25c; postage 10c extra.

### Squirrel Cages, Etc.

**SQUIRREL CAGES, CHIPMUNK and MOUSE CAGES,** with wheels. Prices, \$1.50 to \$5.00. Write if interested.

## BIRD CAGES, EXTRAS, ETC.

We regret that limited catalog space will not permit our describing our complete line of bird cages and extra parts. We invite all who can to call and see just what we have.

Please write us for special information.

**BRASS.** Same style as cut and our leading seller. WITH GUARD (which keeps the birds from throwing seeds and dirt out of the cages), 9½x6½ inches (floor), \$2.25; 10½x7½ inches, \$3.00; 10½x9½ inches \$3.50. WITHOUT GUARD, \$1.75, \$2.00 and \$2.25 respectively.

**BRASS, Mission, Globe and Fancy Designs,** with or without patent bottoms, with cleaning drawers, guards, etc., \$4.50 to \$6.50 and up.

**ENAMELED,** with brass guards, 10x7 and larger, low-priced, but good, \$2.00 to \$2.75 each. Without guards, \$1.00 to \$2.00 each.

**BREEDING CAGES.** All complete. No. 4 Single, 17x9x13 inches, \$2.25. No. 3 Double, 19x10x14 inches, \$2.75. No. 2 Double, 22x11x16 inches, \$3.25. No. 1 Double, 25x12x16 inches, \$3.75.

**Food and Water Cups.**—Opal or clear glass, open or closed top. Each 10c; postpaid 15c.

**Brass Suspension Springs.**—10c postpaid; with chains, 35c.

**Brass Wall Brackets or Cage Hooks.**—25c to 75c each; postage, 10c extra.

**Cage Swings.**—10c each; postpaid, 15c.

**Nesting Hair.**—5c package; postpaid, 10c.

**Nests.**—Wire or willow, 10c; postpaid, 15c.

**Cuttle Bone Holders.**—New patent, 5c each; postpaid, 10c.

**Wooden Perches.**—5c each; postpaid, 15c.

**BIRD BATH HOUSE.**—New.—White enameled bottom, glass sides and top, 4 inches square. Fill the bottom with warm water, open cage door and hook bathhouse before it. "His Majesty" can go in and take his bath when he pleases and cannot splash water outside. Price, each 50c. (P. P. weight, 1½ lbs.) Add postage. **Bathing Dishes.**—Glass, 10c; opal, 15c. (P. P. weight ½ lb. packed); add postage.

## BIRD SEEDS, FOODS AND REMEDIES

We are making a specialty of bird foods and seeds and our rapidly increasing trade shows that the public appreciates the opportunity to get "High Quality" foods and remedies of "Merit" for their pets. A trial will convince anyone of the superiority of our "H. Q." (HIGHEST QUALITY) Imported Bird Seeds.

**H. Q. IMPORTED BIRD SEED.**—Our own special mixture for imported Hartz Mountain and St. Andreasberg Canaries. Contains no hemp, but the correct amounts of Imported Canary, Sweet Rape, Millet and Maw. Put up in sealed 1-lb. cartons only, containing Cuttle Bone and Bird Sand. Price, any quantity, 20c per lb. Cannot be sold for less on account of raise since the war.

**Ordinary Mixed Bird Seed.** 15c lb.

**H. Q. Imported Canary Seed,** re-cleaned. 20c lb.

**Hemp Seed** (very fattening). 10c lb.

**Rape Seed,** common. 10c lb.

**H. Q. Imported Sweet German Rape.** 20c lb.

Easily detected by the sweet taste.

**TURKISH MAW SEED.**—Canaries are very fond of it. Should be fed sparingly.

20c lb.

**Bird Sand,** silver washed. 2½-lb. cartons, 10c

**Crystal Grit,** very fine. 5c lb.; 6 for 25c

**Cuttle Bone,** high grade, large size.

Each 5c; postpaid, 10c; with patent fasteners, 15c.

**Mixed Parrot Seeds.** 15c lb.; 2 for 25c

**H. Q. Sunflower Seeds.** 15c lb.; 2 for 25c

**Corn for Parrots.** 10c lb.; 3 for 25c

**Gravel for Parrots.** 5c lb.; 6 for 25c

**BIRD MANNA.**—Food and medicine combined. A good conditioner. Comes in round cakes. Fastens on the wires.

Per cake, postpaid, 15c

**BY MAIL.**—If you want above seeds by mail add postage to cover at parcel post rates.

## Max Geisler's Bird Foods and Tonics

Highly recommended by all who have used them. Our trade is rapidly increasing. Full directions for use with each package.

**M. G. Imported "Roller" Seed,** correctly mixed, pure and clean. Lb pkg, 20c; postpaid 25c.

**M. G. Finch Bird Seed** for Finches. Lb. 25c; postpaid 30c.

**M. G. German Bird Biscuit.** Keeps birds in health and song. Per carton 10c; postpaid 15c.

**M. G. "Health Food" for Canaries, Redbirds, Mockingbirds** and all other seed-eating and soft-billed cage birds. Per carton 15c; postpaid 20c.

**M. G. Prepared Mockingbird Food.** Per tin 30c; postpaid 40c.

**M. G. Medicated Bird Biscuit.** A combination of food and medicine. Excellent for weak and sick birds. Per carton 15c; postpaid 25c.

**Treatment A.**—(Song Restorer.) For birds which have lost their voices from cold, etc.; 25c; postpaid 35c.

**Treatment B.**—(Digestive Trouble.) For loss of appetite and bowel disorder; 25c; postpaid 35c.

**Treatment C.**—(Cold Cure.) For birds which are breathing hard, coughing, etc.; 25c; postpaid 35c.

**Treatment D.**—(General Tonic.) For birds which are puffed up and sick; 25c; postpaid 35c.

**M. G. Vegetable Extract,** for blood tonic and producer. Per vial 25c; postpaid 30c.

**M. G. Fluid Mite Exterminator.** Per vial 10c; postpaid 15c.

**M. G. Mite Powder** (non-poisonous). Package 10c; postpaid 15c.

### FOR PARROTS

**M. G. Mixed Parrot Seed.** Properly mixed for good health and plumage. Full and valuable directions on the care of Parrots on each box. Per carton 20c; postpaid 25c.

**M. G. Prepared Corn,** for Parrots, to be given in addition to the seed. Per carton 20c; postpaid 25c.

**M. G. Parrot Biscuit,** for old and young, to keep them in good health and plumage. Per carton 25c; postpaid 35c.

**M. G. Parrot Spray.** Will cure Parrots of the habit of destroying their plumage by biting off feathers. Per bottle 50c; postpaid 65c.

**M. G. Parrot Tonic.** Unexcelled for young Parrots, cures catarrh, etc. Per bottle 25c; postpaid 35c.

**M. G. "Health Food" for Parrots,** for health and fine feathers. Per carton 25c; postpaid 35c.

## Philadelphia Bird Co.'s Remedies

Full directions and information with each remedy.

Ant Eggs.	10c; postpaid 15c	Moulting Pepper.	25c; postpaid 30c
Bird Manna.	postpaid 15c	Mite Exterminator, powder.	25c; postpaid 30c
Bird Bitters.	25c; postpaid 30c	Parrot Plumage Restorer.	25c; postpaid 35c
Bird Orange Color Food.	25c; postpaid 30c	Parrot Tablets (for feather pulling).	25c
German Song Restorer.	15c; postpaid 20c	Red Bird Gravel.	Pint, 10c; postpaid 20c
Nesting Food.	25c; postpaid 30c	Red Bird Gravel.	Quart, 15c; postpaid 25c

## Spratts Dog and Cat Foods and Remedies

Space will not permit us to describe these standard and well known foods and remedies, but we will gladly mail a copy of **Spratt's valuable 48-page DOG BOOK and GUIDE FREE.**

Full directions and instructions on each package.

Your dog is your best friend and is entitled to kind treatment and good care. For the ailments to which they are subject you will find nothing better than the following:



**DOG CAKES.** A staple and constant food for all breeds of dogs, known and recommended the world over. 3-lb. carton 25c (add postage; 25-lb. sack, \$2.25; 50-lb. sack, \$4.50; 100-lb. sack, \$7.50).

**PUPPY BISCUITS.** A complete food for puppies from 1 to 6 months old. 3-lb. carton, 25c; postage extra.

**DOG SOAP (White).** Kills lice and fleas, prevents skin diseases and leaves the coat smooth and glossy, contains no tar, nicely perfumed. Per cake, 25c.

**Alternative Cooling Tablets.** For heated blood, etc. Postpaid 50c.

**Digestive Tablets.** For severe cases of indigestion. Postpaid 50c.

**Diarrhoea Tablets.** To relieve Diarrhoea. Postpaid 50c.

**Purgative Tablets.** Perfectly safe and effective. Postpaid 50c.

**Worm Capsules.** An excellent remedy for Round, Maw and Tape Worms. Postpaid 50c.

**Worm Capsules for Puppies.** May be given with perfect safety to puppies from six weeks old to six months. Postpaid 50c.

**Tonic and Condition Tablets.** For toy dogs and puppies. Postpaid 50c.

**Tonic and Condition Tablets for cats.** Postpaid 50c.

**Distemper Tablets for toy dogs and puppies.** Postpaid 75c.

**Distemper Tablets for Cats.** Postpaid 75c.

**Vermifuge Capsules for toy dogs and puppies.** Postpaid 50c.

**Vermifuge Capsules for Cats.** Postpaid 50c.

**Dip.** Pints, 50c (P. P. 2 lbs.).

**Mange Remedy.** Pints, 50c (P. P. 2 lbs.).

**BY PARCELS POST.**—At last we have an inexpensive way of getting these valuable remedies to our far-away customers. On those NOT MARKED postpaid, TAKE THE P. P. (Parcels Post) weight and add proper amount for postage.

## RABBITS, BELGIAN HARES, CAVIES

These make most desirable pets for the children and educational experts advise that all children are better by having pets. Aside from this, there is quite a demand for these pets and good money in raising them for sale.

**NOTE.**—By **Young Stock**, we mean from 2 to 3 months old, by **Breeding Stock**, 6 months or over.

**BELGIAN HARES.**—Pure bred, young, \$1.00 to \$1.50 each; breeding age, \$2.50 to \$3.50; with pedigree, \$5.00 each. Utility stock, young, 50c to 75c each; breeding age, \$1.50 to \$2.50.

**RUFUS RED BELGIANS** are improved high bred strain, beautiful rufus red in color, coat fine and soft. Young, \$1.50 to \$2.50 each; breeding age, \$3.50 to \$5.00 each; with pedigree, \$5.00 to \$7.50 each.

**NEW ZEALAND BELGIANS.**—A hardy, sturdy strain, very popular and much in demand. Grows larger and heavier than above (see cut), being raised more and more for market; lighter in color than above. The meat is fine and white, claimed by many to be better than chicken. Young, \$1.25 to \$2.50; breeding age, \$2.50 to \$5.00; with pedigree, \$5.00 to \$7.50.

**WHITE ENGLISH (Pink eye).**—In great demand about Easter time, they make ideal Easter rabbits. Young, 50c to 75c each; breeding age, \$1.50 to \$2.50.

New Zealand.  
Belgian.



### Rabbit Books

Belgian Hare Guide.	Postpaid 25c
The Rabbit.	Postpaid 25c
Rabbits and Cavies—Care and Breeding.	15c

### Cavies—Guinea Pigs

Bright, active and harmless pets, they come in most all colors, generally spotted and prettily marked.

**SHORT HAIRE**D variety, each \$1.00; pair, \$1.50.

**LONG HAIRE**D, each \$1.50; pair \$2.00 to \$2.50.

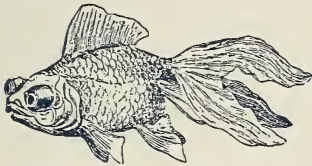


Cavie (Guinea Pig).

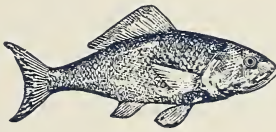


## GOLDFISH GLOBES, FOOD, ETC.

We are the largest retail and wholesale dealers in Fancy Gold Fish in the Northwest, often having a thousand or more on display at our store.



Chinese Telescope.



Common Gold Fish.



Japanese Fan-tail.

An aquarium is a beautiful ornament. It suits everywhere, parlor, library, dining and sitting room, and may indeed be introduced in apartments of the sick. The bright, active Gold Fish are very interesting, a perpetual source of amusement for both old and young folks. Children are always delighted with them.

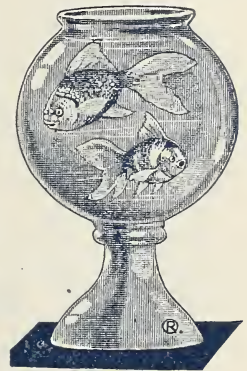
**CARE OF GOLD FISH.**—The care of Gold Fish is very simple and little trouble. The water in the aquaria must be changed from one to six times a week, depending on the size of the globe, number of fish and the temperature. When the fish come to surface and gasp for air, they should be given fresh water. **FEEDING.**—The only safe diet is our prepared Fish Food, fed daily and only what they will eat up quickly. Bread or cracker crumbs should never be fed—more fish die from over-feeding than any other cause. **Keep the aquariums out of the sun and in a cool place.**

### Price List of Fish

**COMMON GOLD FISH** (see cut).—Very hardy and lively. Each, very small, 15c; small, 25c; medium, 35c; medium large, 50c; large, 3 to 4 inches, 75c; extra large, \$1.00; extra large breeders, \$1.50 to \$2.00; fancy tri-colored, 35c to \$1.00 and up.

**COMMON SILVER FISH.**—Same as above, except they are silvery white. Each, medium, 25c; large, 50c; large breeders, \$1.00.

**JAPANESE FAN-TAIL** (see cut).—The most popular fancy fish. The fins and tail are of a delicate lace-like appearance, very showy and attractive. Price, golden, small, 25c; medium, 35c; large, 50c to \$1.00; tri-colored, Golden-Red, Pearly-White and Black, showing two or all three colors, 50c, 75c and \$1.00 each.



Standard Fish Globe.

**COMET.** Very fancy; the most graceful of all. Similar to the Japanese Fan-tail, but the fins and tail are much longer and delicate. The tail is often longer than the fish. Price each, small, 25c; medium, 50c; large, 75c to \$1.00; large fountain size, \$2.50.

**CHINESE TELESCOPE** (see cut). Curious and attractive on account of the large, elongated eyes, having the appearance of a telescope. Flowing double tails. Very rare. Price each, all gold, 50c to 75c; all black, 75c to \$1.00; black and gold, 75c to \$1.50.

**TADPOLES.** Desirable as scavengers for the aquaria. They consume the decaying matter and help keep the water pure. Price each, 15c.

**TURTLES** in season, April to July. Each, 50c

**LIZZARDS** (Water Dogs), Eastern. Each, 25c

**NOTE.—ALL SHIPMENTS** (outside of the city by express only. A charge of 15c is made to cover cost of Shipping Bucket, holding from two to six fish. Gold Fish can be shipped safely overland hundreds of miles.

### Aquaria Plant or Moss

This water plant improves the appearance of the aquaria or globe and helps purify the water. Price per bunch, 25c, postpaid. Cannot supply in July or August.

### Fish Food

Best imported wafer, large box, enough food for four fish for six months, 25c postpaid. Directions for feeding and care on each box.

### Fish Globes

Without foot or base, each quart, 25c; ½-gal. 35c; ¾-gal. 50c; 1-gal. 75c; 1½-gal. \$1.00; 2-gal. \$1.25; 2½-gal. \$1.75; 3-gal. \$2.25. WITH BRASS CHAINS FOR HANGING, 25c extra.

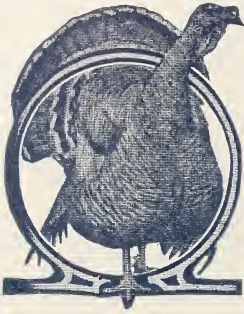
### Standard Globes

Like illustration, each, ½-gal. \$1.00; ¾-gal. \$1.25; 1-gal. \$1.50; 1½-gal. \$1.75; 2-gal. \$2.00; 2½-gal. \$2.50; 3-gal. \$3.00.

### Aquaria Castles

As ornaments to set in the globes. 25c to 50c and up to \$1.00 each  
**BOOK—AQUARIA AND GOLD FISH.**  
Gives full information on care, breeding and feeding; illustrated. 25c

**WHEN?** We have the largest supply of Gold Fish on hand during the FALL, WINTER and EARLY SPRING. It is not safe to ship fish during the hot summer months.



## Notice—Poultry Keepers

We want you to know that we carry a very large and complete stock of Cyphers Incubators and Brooding Devices, Feeders, Fountains, Leg Bands, Poultry Foods and Remedies and everything in the Poultry Supply line you could wish for. We will gladly mail free catalogs and booklets that you will find of value and interest. Just drop us a postal card requesting "Books and Catalogs on Incubators and Poultry Supplies." Do it today.

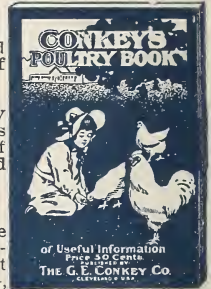
### Conkey's Guaranteed Poultry Remedies

**READ THIS.**—We handle 2 to 3 carloads a year of these celebrated remedies which have built their reputation upon the scientific basis of one remedy for each disease.

A "Cure All" is not made by the Conkey Company. Each remedy is intended to serve one special purpose and serve it well. These goods are absolutely guaranteed and we offer them to you on this basis: If they fail to satisfy you in any particular, your money will be refunded to you cheerfully.

#### CONKEY'S 50c POULTRY BOOK—FREE

Limited space here will not permit us to describe all of these remarkable remedies, but we will gladly mail a copy of Conkey's 72-page Poultry Book, which not only fully describes these remedies, but contains 60 pages of practical and valuable information on FEEDING, CARE and HOUSING of POULTRY.



## Have it on Your Shelf

Roup kills quickly and spreads rapidly. Don't take any chances. Be prepared for it and save your fowls and your profits.  
Keep on hand—ready for the first signs of the disease—

### Conkey's Roup Remedy

It kills the disease germs, invigorates the bird and restores your profits. Your money back if it doesn't please you.

Three sizes, 25c, 50c, \$1.00, postpaid.  
50c-size makes 25 gallons of medicine.

Bronchitis Remedy,	50c	postpaid
Blackhead Remedy,	50c	postpaid
Cholera Remedy,	25c and 50c	postpaid
Gape Remedy,	50c, or 65c	postpaid
Chicken Pox Remedy,	50c, or 60c	postpaid
Limber Neck Remedy,	50c, or 60c	postpaid
Scaly Leg Remedy,	50c, or 60c	postpaid
Rheumatic Remedy,	50c, or 60c	postpaid
Poultry Laxative,	25c, or 30c	postpaid
Poultry Tonic,	25c, or 35c	postpaid
Poultry Worm Remedy,	50c	postpaid
Poultry Flea Salve,	25c, or 30c	postpaid
Sulphur Candles (fumigating),	10c, 15c	postpaid

Conkey's Lice Powder.—It is positive death to lice, ticks, etc. Prices: 8-oz. pkg. 10c; 1½-lb. 25c; 4 lbs. 50c; 8 lbs. \$1.00. **NOTE**—Add postage if wanted by mail.

## Get More Eggs



Get them all the time—in winter as well as in summer. More eggs mean more profits. Get the most out of your hens by giving them

### Conkey's Laying Tonic

It will insure the maximum egg production. Guaranteed to please you or money back. Prices

2 lbs. 25c; 4 lbs. 50c; 8 lbs. \$1.00. **NOTE**—Add postage if wanted by mail. Weights given are wrapped.

## Rat Bis-Kit Paste

The new poison in the tube

Kills Rats, Mice and Roaches Instantly

A New Formula, Guaranteed to kill every time or money refunded. No mixing, no spreading—just press the tube—the paste will spread itself. Clean, simple and sure. Use on any kind of bait. Keeps indefinitely. Price 25c per tube; five for \$1, postpaid



**CONKEY'S STOCK BOOK.**—This 224-page illustrated and up-to-date book is priced at \$1.00 and is well worth it, but we get a few hundred free with each car of Conkey's Remedies and will mail them FREE to our customers as long as they last for 10c **TO COVER POSTAGE, or FREE** with any \$1 **ORDER.**

# "WONDER ODORLESS FERTILIZER."

The best fertilizer for the city gardener; clean and odorless. Remember, it's all fertilizer; a wonder in action, a giant in strength, and the small amount necessary to use makes it the cheapest and most efficient High Grade Fertilizer on the market, and last, but not least, IT IS ODORLESS.

In "**WONDER**" you get the latest scientific discovery in plant food, something which gives results, something that astonishes. This "**WONDER**" fertilizer is the result of years of study and trials by a fertilizer expert, in fact, he is the same person that sold us "Wilgrow" a few years ago. Wilgrow in its original form was an excellent fertilizer and we sold tons and tons of it. The objection was the odor. In "**WONDER**" we have a meritorious and odorless concentrated fertilizer, put up in small packages, thereby making its distribution a cheap and easy matter. Being a concentrated fertilizer, only a very small amount is required to produce the largest yield. (See general directions below.) There's no use of your paying dray and freight charges on bulky fertilizers containing three-fourths sand, ash or dirt filler. "**WONDER**" is the pure "dope"—clean and easy to apply. We guarantee it to give results.

The small amount of "**WONDER**" required reduces the expense of fertilizing to about one-half the cost of manure or the average commercial fertilizers on the market.

The "**WONDER**" Fertilizer is sold only in 25-lb. white, clean canvas bags and 2-lb. odorless cartons.

## General Directions For Use

One 25-lb. bag is equal to 100 lbs. of the ordinary commercial fertilizer.

One 25-lb. bag of "**WONDER**" will go over a space of your lawn 30x10 or 1200 square feet, and is sufficient for same, applied once yearly.

One 25-lb. bag of "**WONDER**" will care for six 6-year-old full-bearing fruit trees applied once yearly.

One tablespoonful will be sufficient for an ordinary rosebush, giving you beautiful colored flowers and a healthy plant.

One tablespoonful will be sufficient for a melon, potato or tomato vine.

A small teaspoonful of "**WONDER**" is sufficient for a 6-in. potted plant, palm or fern, and there will be no odor to scent the house.

Use "**WONDER**" Fertilizer on all flower and vegetable plants, berry bushes and vines, shrubs and roses, grains, grasses, hops, etc.,

**PRICE OF "WONDER":** 2-lb. packages 25c; 25-lb. DRILL BAGS, \$1.75. Add postage if wanted by mail. Delivered anywhere in Portland or to any Depot or Boat for \$2.00.

## Suitable Distance for Planting Trees and Plants

Note.—In planting in the home garden for hand cultivation, you can set plants or trees closer.

Apples, Standard .....	20 to 30 feet	Gooseberries .....	4 by 6 feet
Apples, Dwarf .....	10 to 12 feet	Raspberries .....	3 by 6 feet
Pears, Standard .....	18 to 20 feet	Trailing Blackberries, Lo-	
Pears, Dwarf .....	10 feet	gans, etc. ....	8 by 6 feet
Peaches and Apricots.....	16 to 18 feet	Other Blackberries.....	2½ by 8 feet
Cherries, Sweet .....	20 to 25 feet	Strawberries, in Hills.....	1½ by 3 feet
Cherries, Sour .....	16 to 20 feet	Strawberries, Matted Rows.....	1½ by 2 feet
Plums and Prunes.....	16 to 20 feet	Asparagus, in Beds.....	1 by 1½ feet
Quinces .....	10 to 12 feet	Asparagus, in Field.....	1 by 4 feet
Grapes .....	6 by 12 feet	Rhubarb .....	2 by 4 feet
Currants .....	4 by 4 feet		

## Number of Trees or Plants On An Acre

1 by 2 feet .....	21,784	6 by 8 feet .....	907
1 by 3 feet .....	14,520	6 by 6 feet .....	1,210
1 by 4 feet .....	10,890	8 by 8 feet .....	680
1½ by 2 feet .....	14,520	10 by 10 feet .....	430
1½ by 3 feet .....	9,682	12 by 12 feet .....	302
2 by 3 feet .....	7,261	15 by 15 feet .....	194
2 by 4 feet .....	5,446	16 by 16 feet .....	170
3 by 4 feet .....	3,630	18 by 18 feet .....	135
3 by 5 feet .....	2,904	20 by 20 feet .....	110
3 by 6 feet .....	2,420	25 by 25 feet .....	70
4 by 4 feet .....	2,723	30 by 30 feet .....	48
4 by 6 feet .....	1,815	40 by 40 feet .....	28

**RULE.**—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet, for each plant or hill, which, divided into the number of square feet in an acre (43,569), will give the number of plants to the acre.

FREE

20 pg. Book

Tells All.



"Wonder Trade Mark"

DIRECT from GROWER to PLANTER-NO AGENTS

FRUIT &  
ORNAMENTAL  
STOCK

WESTBOLD

CLEMATIS  
Henryi

HIGHEST QUALITY

TRUE TO NAME



PERFECTION  
CURRANT

RHODOENDRON

SPIREA

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169-171 2ND ST. PORTLAND ORE.