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U. S. Department of Agriculture.

# A SHORT GUIDE

## TO THE BEST VARIETIES OF HARDY TREES, SHRUBS AND PLANTS WITH SPECIAL QUANTITY PRICES FOR THE YEAR 1936

Established  
in 1878

[INCLUDING SEEDLINGS AND TRANSPLANTS]  
FOR REFORESTATION AND LINING-OUT

Catalog  
No. 118



**AZALEAS**

We list on pages 20 and 21 more than one hundred different Azaleas—the largest listing in the United States. Photograph above is one of the new *Arnoldiana* Hybrids, offered by no other nursery.

Many rare and unusual evergreen shrubs are on pages 22 and 24. Rare Hollies, Barberries, Viburnum, Leucophyllum, Laurel, Heather, etc. no other nursery company offers such a selection.



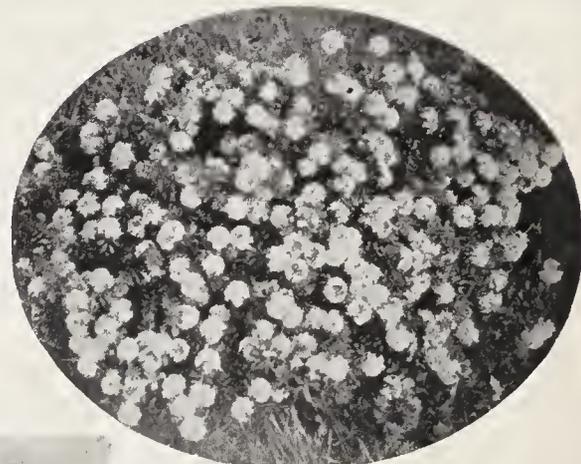
### *Kelsey's* RARE SPECIALTIES

*It is impossible to find listed in any other catalog many of the rare evergreens, trees and shrubs we offer in these pages. A few are mentioned on this page—dozens more throughout the book.*

Grafted Nut Trees, hardy in the North. (Page 26)

Dwarf Espalier Grown Fruits (Page 25)

Young Aristocrats of all kinds (Green List)



**DAPHNE CNEORUM**

*Our special strain blooms in Spring and again in Fall, with a few flowers through the summer. (P. 22)*



**RARE TREES**

*The Franklinia above and the Dove Tree to the left are priced and described on page 4. Note also Stewartia offered on page 7. Almost impossible to obtain elsewhere.*

**HARDY ALBIZZIA JULIBRISSIN ROSEA**  
*Rare Arnold Arboretum small tree. (See page 3.)*



**KELSEY'S YEW**

*New this year. A Yew grown for the sake of its many showy red berries. (See page 19). Dozens of other rare evergreens found in no other catalog.*



**RARE RHODODENDRONS**

*Large list of species and hybrids. Page 23.*

# Kelsey Nursery Service

50 CHURCH STREET • • NEW YORK CITY

# Kelsey Nursery Service

# Chart of Plant Requirements

A KEY TO DESCRIPTIONS IN THIS SHORT GUIDE

1. We furnish high quality stock. Kelsey Nursery stock is grown where it grows best; always, of course, with regard to shipping convenience. Of more than seventy nurseries with over twenty thousand acres of stock we select the nearest nursery growing the material of the quality and grade you want.

2. We furnish our stock at the lowest prices made possible by mass production. Prices of nursery stock vary greatly. One nursery grows stock on land worth, say, \$4,000 or \$5,000 per acre. The stock is no better than that grown at a nearby nursery where land is worth \$400.00 per acre. Nature has partiality in this respect. We are, therefore, enabled to sell excellent stock at very low prices.

3. We are an entirely responsible source of supply. Established Fifty Years ago, in 1878, we still have among our customers many who have been patrons for forty years or more. In all our dealings we are always willing to make things right on any errors or just causes for complaint.

4. Our Guarantee—Stock to be in good condition when furnished. We will, however, replace any and all losses at half price.

5. Scarce and rare varieties: Why look through a dozen nursery catalogs for them? Send us your list and we will quote promptly. This Short Guide is necessarily confined to standard varieties, but with our facilities we can furnish almost any variety or size grown in the United States.

6. The policy of this Company is to make and keep good will by careful and prompt service.

**M**OST trees, shrubs, and evergreens are tolerant. They will thrive in any normal garden. Some are very particular and a key word appears in their descriptions. The following table and map cover all plant requirements.

### LIGHT

If a plant is normal no mention is made in this catalog. If it is intolerant, the word "sun" or "shade" appears, as it may be.

### BACTERIA

Roots depend on bacteria in soil. Bacteria depends on acidity. Most plants like a neutral soil. Where "acid" or "lime" are needed they are noted.

### HUMUS

Most plants need some form of humus in the soil. Any decayed life is humus. All soils contain some. Plants needing extra humus are marked "humus."

SUN

DRY

ACID

LOOSE

HUMUS

NORMAL

SHADE

DAMP

LIME

HEAVY

BARREN

### WATER

Normal plants are tolerant to wet and dry soils. Such as need special treatment are marked "damp" or "dry" in catalog description.

### DRAINAGE

"Loose" (sandy) soil and "heavy" (clayey) soil are specified where needed. Most plants like medium drainage (loam).

### FERTILIZER

All plants react well to fertilizing. Keep it away from the root. Do not be afraid to use plenty. Manure or commercial both good.

We recommend these books and will pay postage at listed prices:—

### THE BOOK OF SHRUBS

By Alfred C. Hottes. Gives comparison of species, characteristics, uses, soil, pruning, propagation, height in feet, exposure to plant, color of flowers, season of bloom, color of fruit, etc. Gives list of different shrubs for different purposes. 371 pages, 7 x 7½, 124 halftones, 56 sketches, 44 tables. 1928. Cloth, \$3.15.

### THE BOOK OF TREES

By Alfred C. Hottes. A fine handbook covering all important trees by description and culture—companion book to the "Book of Shrubs" by this author. 440 pages. Issued 1932. \$3.65.

### HORTUS

By L. H. Bailey. A complete dictionary of American Horticulture. 652 pages. \$5.25.

## Terms of Sale

**PACKING COSTS**—It would not be fair to average these—some would pay too much, some too little. They are billed at actual cost without profit. We will estimate them in advance if requested. Orders less than \$10.00, allow 10% extra for packing—minimum charge 25 cents.

**GUARANTEE**—We replace at half original paid price any plant that dies.

**LIMITED RESPONSIBILITY**—We disclaim responsibility for any reason in amounts greater than invoiced.

**PRICES**—Net at the nursery. Packing and transportation to be added at actual cost. Usually 5 sold at rate per 10, 50 at 100 rate.

**CLAIMS**—for errors, shortages or other causes must be made within 10 days.

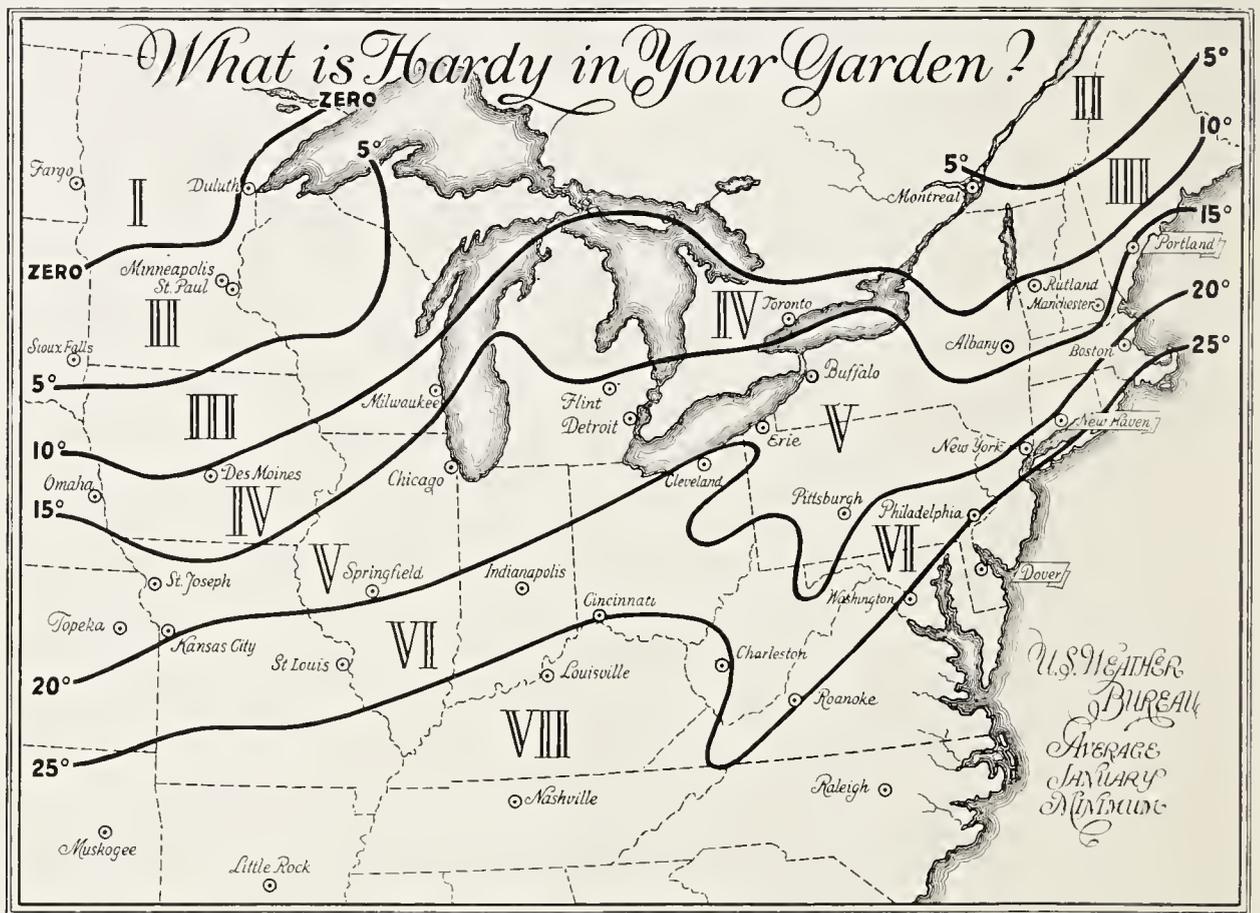
**PARCEL POST**—Must be prepaid. We prefer express but will send by post if instructed and charge you at cost.

**FREIGHT AND EXPRESS**—Charges are extra (except in a few prepaid Special Offers). They are paid by you to the Railroad or Expressman. We will estimate these costs in advance if you wish.

**TRUCKING**—Can often be arranged. Write for our estimate if you like, on your order completely delivered.

## WATCH EXPRESS CHARGES

Most of our shipments should take Second-Class rates, so check weight and rating when delivery is made. The delivery man often charges First-Class in error.



All plants in this catalog are zoned for hardiness. The Zone Number is a Roman Numeral following the description. It refers to the zones in the above map. Example:—Mountain Laurel (*Kalmia*) on page 23 is hardy in Zone IV, or anywhere south of Zone IV. The system of zoning is the best we know, but is not perfect. Sheltered localities may enable you to grow trees one or two zones colder than shown.

\*Zoning system is from REHDER'S MANUAL of TREES and SHRUBS (postpaid \$5.25). The most complete reference available on trees and shrubs.

# F. W. KELSEY NURSERY CO.

Fifty Church Street, New York City

Members of the American Association of Nurserymen

Established in 1878

Telephone: Cortlandt 7-2660 and 2661

# Kelsey's "Green List" of Small Stock

## REFORESTATION

Where evergreens and other trees or shrubs are wanted in large quantities for covering many acres, the stock priced on the next three pages will be found extremely economical. Kelsey Nursery Service has been headquarters for many years for this class of stock. We have been awarded private and government contracts for many millions of seedlings and transplants in the past few years. Special quotation made on large quantities or on species not listed.

## START YOUR OWN NURSERY

Wise old gardeners, you will notice, always have a few rows of trees and shrubs growing for future plantings. They do not depend upon buying everything as they need it. Now that we are coming out of the age of jazz and impatience we should remember the quiet wisdom of older days. Do not wait until you need trees—large ones and in a hurry—but look over your grounds and plant out what you may need 3, 5 or even 10 years from now.

1. Save Money.
2. Save Delays.
3. Save Disappointments.
4. Save Transportation Costs.
5. Culture Not Difficult.
6. Rare and Interesting Varieties.

## Young Aristocrats

**U**NUSUAL and rare varieties . . . true to name because they are grafted . . . easy to grow because they have already passed a season out-of-doors. Some Winter protection is desirable, but no other special treatment. Balled and Burlapped for still easier handling. (Please remember that Dutch burlap is used and can be planted without removing.) This is an amazing opportunity to plant rare and delightful evergreens, trees and shrubs at little cost. (Weight 1 to 3 pounds each.) Write for special quotation on 25 or more.

### CEDRUS (True Cedar)

*Cedrus Atlantica glauca* (Blue Atlas Cedar).  
(Each)  
1 yr. grafts, 10 to 12 inches . . . . . \$1.00  
2 yr. grafts, 12 to 15 inches . . . . . 1.25  
3 yr. grafts, 18 to 24 inches . . . . . 1.50

### CRYPTOMERIA

*C. Lobbl* (Hardy Variety). Zone V  
1 yr. grafts, 10 to 12 inches . . . . . \$ .90  
2 yr. grafts, 12 to 15 inches . . . . . 1.20  
3 yr. grafts, 18 to 21 inches . . . . . 1.70  
4 yr. grafts, 24 to 30 inches . . . . . 2.10

### CUPRESSUS (Cypress)

*C. Triumph of Boskoop* (Blue column). VI  
3 yr. grafts, 18 to 21 inches . . . . . \$1.25

### JUNIPERUS (Juniper)

*J. Sargentii*. Zone IV  
12 to 15 inches . . . . . \$1.25  
*J. Pfitzeriana* (Silver Fountain). IV  
12 to 15 inches . . . . . .75  
15 to 18 inches . . . . . 1.00  
18 to 24 inches . . . . . 1.50  
*J. Depressa Plumosa* (Andorra). III  
12 to 15 inches . . . . . .90  
15 to 18 inches . . . . . 1.25  
*J. Kosteri* (Silver Dwarf). III  
12 to 15 inches . . . . . 1.25  
*J. Meyerl* (Purple Tips). V  
12 to 15 inches . . . . . 1.00  
15 to 18 inches . . . . . 1.25  
18 to 24 inches . . . . . 1.75

### PINES (Pinus)

*P. cembra* (Swiss Stone Dwarf). IV  
(New York and New England only)  
2 yr. grafts, 10 to 12 inches . . . . . \$1.00  
3 yr. grafts, 12 to 15 inches . . . . . 1.50  
15 to 18 inches . . . . . 2.25  
*P. strobus nana* (Dwarf White Pine). III  
(Interesting very small dwarf. Rare.)  
1 yr. grafts, 4 to 6 inches . . . . . .90  
2 yr. grafts, 6 to 8 inches . . . . . 1.25  
3 yr. grafts, 8 to 10 inches . . . . . 1.75  
*P. Tanyosho* (Japan Table Pine). IV  
1 yr. grafts, 6 to 8 inches . . . . . 1.00  
12 to 15 inches . . . . . 1.50  
15 to 18 inches . . . . . 2.00  
*P. sylvestris waterii* (Dwarf).  
1 yr. grafts, 4 to 6 inches . . . . . 1.00

### SPRUCE (Picea)

*P. Kosterl* (Koster's Blue Spruce). Zone II  
Well-known steel blue stiff pyramidal tree.  
(Each)  
1 yr. grafts, 6 to 8 inches . . . . . \$ .75  
2 yr. grafts, 8 to 10 inches . . . . . 1.00  
3 yr. grafts, 10 to 15 inches . . . . . 2.00  
4 yr. grafts, 15 to 18 inches . . . . . 2.70

*P. Moerheiml* (Moerhelm's Blue). Zone II  
New. Slightly better color than Koster's.  
1 yr. grafts, 6 to 8 inches . . . . . .80  
2 yr. grafts, 8 to 10 inches . . . . . 1.10  
3 yr. grafts, 10 to 15 inches . . . . . 1.60  
4 yr. grafts, 15 to 18 inches . . . . . 2.20

### TAXUS (Yew)

*T. Hicksii* (fastigate). V  
12 to 15 inches . . . . . \$1.10  
15 to 18 inches . . . . . 1.50  
*T. cuspidata* (Japan upright). V  
12 to 15 inches . . . . . .75  
15 to 18 inches . . . . . 1.25  
2 to 2½ feet . . . . . 2.00  
*T. brevifolia* (Dwarf). V  
10 to 12 inches . . . . . 1.25  
12 to 15 inches . . . . . 1.50

### HEMLOCK (Tsuga)

*Sargent's Weeping Hemlock* (T. Can. *Sargentii*).  
A beautiful spreading green mound. Zone IV  
1 yr. grafts, 12 to 15 inches . . . . . \$1.00  
2 yr. grafts, 15 to 18 inches . . . . . 1.50  
3 yr. grafts, 18 to 24 inches . . . . . 2.25  
*Dwarf Hemlock* (T. Can. *Compacta*). Zone IV  
1 yr. grafts, 8 to 10 inches . . . . . 1.00  
2 yr. grafts, 10 to 15 inches . . . . . 1.25

### BROADLEAVED EVERGREENS

*Azalea* (See pages 20-21).  
*Ilex opaca* (Berrled Grafts).  
8 to 10 inches . . . . . \$ .90  
15 to 21 inches . . . . . 2.00  
*Ilex crenata* (Japan Holly).  
10 to 12 inches . . . . . .75  
*Pieris floribunda*.  
*Pieris japonica*.  
*Rhododendron* (See page 23).

### ACER (Japanese Maples)

*A. palmatum atropurpureum* (Redleaved Japanese Maple)  
(Each)  
8 to 12 inches, 1 yr. grafts . . . . . \$ .75  
12 to 15 inches, 2 yr. grafts . . . . . 1.00  
15 to 21 inches . . . . . 1.60  
21 to 24 inches . . . . . 2.50  
*A. purpureum dissectum* (Cutleaved Red Japanese Maple)  
8 to 12 inches, 1 yr. grafts . . . . . 1.00  
12 to 15 inches, 2 yr. grafts . . . . . 1.25  
15 to 18 inches, 3 yr. grafts . . . . . 1.75

### AESCULUS

Redflowering Horse-chestnut.  
8 to 12 inches . . . . . \$1.00  
12 to 18 inches . . . . . 1.25

### DOGWOOD (Cornus)

*C. florida rubra* (Redflowered). IV  
12 to 18 inches, 1 yr. grafts . . . . . \$ .65  
18 to 24 inches, 2 yr. grafts . . . . . 1.00  
2 to 3 feet, 3 yr. grafts . . . . . 1.35

### BEECH (Fagus)

Purple Beech (*F. syl. purpurea*). Zone V  
10 to 12 inches, 1 yr. grafts . . . . . \$1.00  
12 to 18 inches, 2 yr. grafts . . . . . 1.25  
*Fagus pendula* (Weeping Beech). V  
10 to 12 inches, 1 yr. grafts . . . . . 1.00  
12 to 18 inches, 2 yr. grafts . . . . . 1.25  
18 to 24 inches, 3 yr. grafts . . . . . 1.75  
24 to 30 inches, 4 yr. grafts . . . . . 2.50  
Purple Weeping Beech. V  
10 to 12 inches, 1 yr. grafts . . . . . 1.75  
Fernleaf Beech (*heterophylla*). V  
10 to 12 inches, 1 yr. grafts . . . . . .90  
12 to 15 inches, 2 yr. grafts . . . . . 1.10  
15 to 21 inches, 3 yr. grafts . . . . . 1.50

### GORDONIA (Franklinia)

*Alatamaha* (Rare Native).  
10 to 15 inches . . . . . \$1.50

### MAGNOLIA

From early April to late May a sequence of flowers can be arranged as noted below. Hardy in Zone V.  
*soulangeana*—April 20. Pink and white.  
10 to 12 inches, 1 yr. grafts . . . . . \$1.00  
21 to 30 inches, 2 yr. grafts . . . . . 2.25  
*halleana stellata*—April 10. White.  
10 to 12 inches, 1 yr. grafts . . . . . 1.00  
12 to 15 inches, 2 yr. grafts . . . . . 1.30  
*h. stellata rosea*—April 10. Rose.  
8 to 10 inches, 1 yr. grafts . . . . . 1.25  
15 to 18 inches, 2 yr. grafts . . . . . 2.25  
*conspicua*—April 20. White.  
10 to 12 inches, 1 yr. grafts . . . . . 1.25  
12 to 18 inches, 2 yr. grafts . . . . . 1.75  
*soul. lennei*—May 1. Red and white.  
10 to 12 inches, 1 yr. grafts . . . . . 1.10  
12 to 18 inches, 2 yr. grafts . . . . . 1.30  
*soul. nigra*—May 15. Purple and white.  
10 to 12 inches, 1 yr. grafts . . . . . 1.00  
15 to 18 inches, 2 yr. grafts . . . . . 1.30

# Evergreens for Lining-out and Reforestation

## SPECIAL QUANTITY DISCOUNTS

250 plants in units of 25	.....10% from 25 rates
500 plants in units of 50-100	.....10% from 100 rates
1000 plants in units of 50-100	.....15% from 100 rates
1000 plants of one kind	.....10% from 1000 rates
2500 plants of one kind	.....20% from 1000 rates
2500 plants in units of 250-500	.....10% from 1000 rates

Write for special prices for larger quantities. The following lists are not complete. We can furnish many other kinds and in a greater range of sizes. If you do not see what you want, please write us for a special quotation. We cannot accept orders for less than 25 of one kind; 50 of one kind will be furnished at the 100 rate; 250 at the 1000 rates.

**PACKING FREE** for cash with order, otherwise packing will be charged at actual cost. (Usually 5 to 10 per cent additional)

"S" Indicates seedlings not transplanted.  
"X" Indicates each transplanting.

### ABIES (Fir)

**balsamea (Balsam Fir)**  
Its characteristic clean odor and stately appearance makes this a desirable variety even without its well known value as timber. Ideal evergreen for wet land. Popular variety for Christmas trees.

3 to 6 in. X	.....	(25)	(100)	(1000)
6 to 9 in. X	.....	\$1.00	\$ 2.50	\$ 16.50
9 to 12 in. X	.....	1.25	3.50	22.00
12 to 18 in. X	.....	1.50	4.25	26.00
12 to 18 in. XX	.....	2.00	5.50	35.00

**brachyphylia (Nikko Fir)**

6 to 8 in. S	.....	1.50	3.00	15.00
3 to 6 in. X	.....	2.00	6.50	45.00
5 to 7 in. X	.....	3.25	10.00	75.00
10 to 20 in. X	.....	4.50	12.00	95.00

**concolor (White Fir)**

3 to 6 in. S	.....	2.50	17.50	
6 to 8 in. X	.....	3.50	8.50	60.00
10 to 16 in. X	.....	4.00	10.00	75.00
10 to 12 in. XX	.....	6.75	21.00	160.00

**firma (Momi Fir)**

4 to 6 in. X	.....	2.00	7.00	60.00
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**fraseri (Fraser Fir)**

4 to 6 in. X	.....	2.00	7.00	60.00
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**holophylla (Needle Fir)**

4 to 6 in. X	.....	2.00	6.50	50.00
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**lasiocarpa (Alpine Fir)**

3 to 4 in. X	.....	2.00	6.50	50.00
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**Marlesii**

3 to 4 in. X	.....	2.00	6.50	50.00
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**Nordmanii (Nordman Fir)**

4 to 8 in. X	.....	4.00	11.00	95.00
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**pectinata (Europe Silver Fir)**

6 to 10 in. X	.....	4.50	12.50	100.00
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**velutula (Velvet Fir)**

4 to 5 in. S	.....	2.75	18.00	
6 to 8 in. X	.....	3.50	8.00	65.00

### CEDRUS (True Cedar)

**atlantica (Atlas Cedar)**  
Prices on request.

**deodara (Deodar)**

8 to 12 in. X	.....	8.00	25.00	.....
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### CRYPTOMERIA (Japanese Cedar)

**japonica**

2 to 4 in. S	.....	2.00	4.50	35.00
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### CUPRESSUS (True Cypress)

**lawsoniana (Lawson's Cypress)**

8 to 12 in. S	.....	2.50	7.50	65.00
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### JUNIPERUS (Junipers)

**Chinensis (Chinese J.)**

4 to 6 in. R.C.	.....	4.50	11.00	100.00
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**communis (Common J.)**

4 to 6 in. R.C.	.....	3.00	9.00	80.00
6 to 8 in. X	.....	4.00	12.00	110.00

**communis depressa aurea (Golden J.)**

4 to 6 in. X	.....	4.50	14.00	125.00
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**depressa plumosa (Andorra J.)**

6 to 8 in. X	.....	4.00	12.00	110.00
8 to 10 in. X	.....	5.00	16.00	150.00

**excelsa stricta (Greek J.)**

4 to 6 in. R.C.	.....	3.00	9.00	80.00
6 to 8 in. X	.....	4.00	12.00	110.00
8 to 10 in. X	.....	5.00	16.00	150.00

**hibernica (Irish Juniper)**

4 to 6 in. R.C.	.....	3.00	9.00	80.00
6 to 8 in. X	.....	3.50	10.00	90.00
12 to 15 in. X	.....	8.00	24.00	220.00

**horizontalis (Creeping J.)**

4 to 6 in. R.C.	.....	4.00	11.00	100.00
6 to 8 in. X	.....	4.50	14.00	120.00
8 to 10 in. X	.....	5.00	16.00	150.00

**horizontalis douglasi (Waukegan J.)**

4 to 6 in. R.C.	.....	3.00	10.00	90.00
6 to 8 in. X	.....	5.00	16.00	150.00

**pfitzeriana (Pfitzers J.)**

6 to 8 in. X	.....	4.50	12.00	110.00
8 to 10 in. X	.....	5.00	14.00	130.00
10 to 12 in. X	.....	5.50	16.00	150.00
12 to 15 in. X	.....	7.00	24.00	220.00

**sabina (Savin J.)**

4 to 6 in. R.C.	.....	2.75	8.00	70.00
6 to 8 in. X	.....	3.50	10.00	90.00
8 to 10 in. X	.....	5.00	16.00	150.00

**suecica (Swedish J.)**

4 to 6 in. R.C.	.....	2.75	8.00	70.00
6 to 8 in. X	.....	3.00	10.00	90.00

**virginiana (Red Cedar)**

3 to 4 in. S	.....	2.50	8.00	45.00
12 to 18 in. X	.....	4.00	10.00	75.00

### LARIX (Larch)

(25)	(100)	(1000)
<b>European Larch (Europa)</b>		
12 to 18 in. S	.....	\$ 2.00 \$ 5.00 \$ 35.00
12 to 18 in. X	.....	3.00 7.00 50.00
<b>Japanese Larch (Leptolepis)</b>		
9 to 12 in. X	.....	2.00 5.00 30.00
12 to 18 in. X	.....	2.75 7.00 50.00

### PICEA (Spruce)

**alba (White Spruce)**  
Most suitable for paper pulp and succeeds wherever Norway Spruce succeeds. It is a trifle quicker in growth. Popular variety for Christmas trees.

2 to 4 in. S	.....	2.00	6.50
4 to 6 in. X	.....	1.25	3.00
6 to 10 in. X	.....	2.00	4.50
18 to 24 in. X	.....	9.00	45.00

**canadensis (Black Hills Spruce)**

6 to 8 in. X	.....	2.50	6.00	38.00
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**englemanni (Engelmann's Blue)**  
One of the finest of the Spruces, foliage very dense and ranges from a bluish green to steel blue in color.

9 to 12 in. XX	.....	3.00	9.00	55.00
12 to 18 in. XX	.....	4.25	13.00	88.00

**hondoensis (Hondo Spruce)**

6 to 8 in. X	.....	2.25	6.00	50.00
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**koyamii (Koyamii Spruce)**

6 to 8 in. XX	.....	4.00	12.00	100.00
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**Omorika Spruce**

6 to 8 in. X	.....	3.50	8.50	75.00
12 to 18 in. X	.....	4.75	13.00	115.00

**Oriental Spruce**

8 to 10 in. X	.....	4.00	12.00	95.00
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**polita (Tigertail Spruce)**

6 to 8 in. X	.....	4.00	12.00	95.00
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### NORWAY SPRUCE (Picea excelsa)

This variety will thrive in dense shade and succeeds in heavy, damp soil having a flat root system, it is suitable for a shallow, rocky soil. The hardiest spruce. Popular for Christmas trees.

(25)	(100)	(1000)
3 to 6 in. X	.....	\$1.25 \$ 3.50 \$ 22.00
9 to 12 in. X	.....	2.00 4.50 27.50
12 to 18 in. X	.....	3.50 8.00 35.00
18 to 24 in. X	.....	9.00 45.00
15 to 18 in. XX	.....	4.00 10.00 90.00

### COLORADO BLUE SPRUCE (Pungens)

This species varies in color from blue to green. Seed collected from the bluest trees only produces about 15 to 25% blue seedlings, and authorities agree that the ultimate color of these trees cannot be determined until they reach a height of 2 or 3 feet.

(25)	(100)	(1000)
3 to 5 in. X	.....	\$1.75 \$ 4.00 \$ 32.00
6 to 9 in. X	.....	2.00 5.00 40.00
9 to 12 in. X	.....	2.75 8.50 60.00
12 to 18 in. X	.....	3.50 9.50 65.00
12 to 18 in. XX	.....	10.00 30.00 260.00

### Sitka Spruce

(25)	(100)	(1000)
6 to 8 in. S	.....	\$1.50 \$ 4.50 \$ 35.00
12 to 18 in. XX	.....	10.00 30.00 250.00

### rubra (Red Spruce)

2 year S	.....	2.00	6.50
6 to 9 in. X	.....	1.50	3.50

### PINUS (Pine)

**banksiana (Jack Pine)**

6 to 12 in. S	.....	1.25	3.50	22.00
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**mughus (Mugho Pine)**

3 to 6 in. X	.....	1.25	3.50	25.00
6 to 9 in. X	.....	1.75	4.50	35.00
9 to 12 in. X	.....	2.75	8.00	55.00

**densiflora (Jap. Red Pine)**  
Lighter foliage and more spreading than the Austrian pine, but also thrives in seashore planting. Understock for grafting Jap. Table Pine.

18 to 24 in. X	.....	4.50	12.00	100.00
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### NIGRA—THE AUSTRIAN PINE

This variety of the Black Pine is perhaps the best of the hardy, fast growing kinds and succeeds in a wide variety of soil—even along beaches subject to the salt spray of the sea. It is much used as a windbreak in estates near the ocean, but it is especially adapted for forestry planting.

(25)	(100)	(1000)
2 yr. S	.....	\$ 2.50 \$ 12.50
6 to 8 in. S	.....	\$2.00 5.00 20.00
5 to 10 in. X	.....	3.00 9.00 40.00
7 to 18 in. X	.....	4.25 12.00 77.00
24 to 36 in.	.....	
XXX	.....	12.00 45.00 315.00

### ponderosa (Western Yellow Pine)

(25)	(100)	(1000)
12 to 18 in. XX	.....	\$4.50 \$14.50 \$105.00

### RESINOSA—THE RED (NORWAY) PINE

This is probably the most popular evergreen for all purposes. It is a native to the eastern parts of the country and absolutely hardy.

(25)	(100)	(1000)
5 to 8 in. X	.....	\$2.00 \$ 6.50 \$ 27.50
24 to 36 in. X	.....	12.00 95.00
24 to 30 in. XX	.....	6.50 22.00 165.00

### rigida (Pitch Pine)

(25)	(100)	(1000)
4 to 8 in. S	.....	2.50 13.50

### strobilus (White Pine)

Prices on request.

### syvestris (Scotch Pine)

The variety par excellence for poor soils—even dry sand wastes can be successfully covered with Scotch Pine.

3 to 5 in. S	.....	2.00	6.50
16 to 24 in. X	.....	2.25	7.00

### thunbergii (Jap. Black Pine)

6 to 8 in. X	.....	2.75	8.50	75.00
8 to 12 in. X	.....	4.50	15.00	120.00

### THE DOUGLAS FIR (Pseudotsuga taxifolia)

One of the most beautiful conifers, yet easy to grow and valuable also for timber and as a Christmas tree.

(25)	(100)	(1000)
3 to 5 in. X	.....	\$ 3.25 \$ 15.00
6 to 9 in. X	.....	3.75 20.00
10 to 12 in. X	.....	4.25 12.75 75.00
12 to 15 in. XX	.....	5.00 16.00 110.00
15 to 18 in. XX	.....	6.25 22.00 130.00

### RETINOSPORA (Japanese Cypress)

**filifera**

6 to 8 in. X	.....	\$4.00 \$14.00 \$130.00
8 to 12 in. X	.....	5.00 16.00 150.00

**fillifera aurea**

4 to 6 in. X	.....	4.00	12.50	100.00
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**pisifera**

4 to 6 in. R.C.	.....	2.00	6.00	50.00
6 to 8 in. X	.....	3.00	10.00	90.00
8 to 10 in. X	.....	4.00	16.00	110.00

**pisifera aurea**

6 to 8 in. X	.....	4.00	12.00	110.00
8 to 10 in. X	.....	4.50	16.00	150.00

**plumosa**

4 to 6 in. R.C.	.....	2.25	7.00	60.00
8 to 10 in. X	.....	4.00	14.00	130.00

**plumosa aurea**

4 to 6 in. R.C.	.....	2.25	7.00	60.00
8 to 10 in. X	.....	4.00	14.00	130.00

**squarrosa velutina**

4 to 6 in. R.C.	.....	2.50	8.00	70.00
6 to 8 in. X	.....	4.00	12.00	110.00

**obtusata**

4 to 8 in. X	.....	1.75	5.00	40.00
12 to 16 in. X	.....	2.25	6.50	45.00

### SCIADOPITYS verticillata (Umbrella Pine)

3 yr. S	.....	(25)	(100)	(1000)
4 to 6 in. X	.....	\$2.25 \$ 6.75 \$ 45.00		
4 to 5 in. X	.....	3.00 11.00 90.00		
6 to 8 in. XX	.....	5.00 17.00 165.00		
8 to 10 in. XX	.....	7.00 26.00 195.00		
12 to 15 in.	.....			
XXX	.....	10.00 38.00 310.00		

Rare and unusual evergreen. Very dense and bushy with long thick needles. Special 12 to 15 in. XX, B. & B. \$10.00 per 10

### TAXUS (Yew)

canadensis (Canadian Yew)

6 to 8 in. X	.....	\$3.25 \$10.00 \$ 90.00
8 to 10 in. X	.....	4.00 12.00 110.00

### TAXUS CAPITATA

Upright type of Japanese Yew. Finest evergreen for hedges. Does well in shade or sun.

(25)	(100)	(1000)
3 yr. S	.....	\$1.75 \$ 4.50 \$ 36.00
5 to 8 in. X	.....	2.75 8.00 40.00
8 to 10 in. XX	.....	4.50 19.00 160.0

# Deciduous Flowering Shrubs

NATIVE AZALEAS			
calendulacea (Flame Azalea)	(25)	(100)	(1000)
12 to 18 in. S...	\$4.25	\$13.00	\$105.00
12 to 18 in.			
with ball....	7.25	22.50	190.00
<b>viscosa (Swamp Azalea)</b>			
8 to 12 in. S...	2.25	6.50	42.00
12 to 18 in. S...	4.00	12.00	90.00
12 to 18 in.			
with ball....	6.50	21.50	190.00
<b>vaseyi (Pink Shell)</b>			
6 to 8 in. X...	7.50	24.50	205.00
<b>nudiflora (Pinxterbloom)</b>			
12 to 18 in. S...	2.50	7.50	70.00
<b>canescens (Piedmont)</b>			
12 to 18 in. S...	6.50	22.00	195.00
<b>arborescens (Sweet Azalea)</b>			
12 to 18 in. S...	5.25	17.50	150.00
12 to 18 in.			
with ball....	7.00	22.50	190.00
<b>ALTHEA (Hibiscus)</b>			
<b>(Rose of Sharon)</b>			
<b>Boule d' Feu—double red</b>			
<b>Jeanne d' Arc—double, pure white</b>			
<b>Lady Stanley—white, shaded rose</b>			
12 to 18 in. S...	1.50	5.25	30.00
18 to 24 in. S...	2.00	6.00	40.00
<b>Ardens—double purple</b>			
<b>Totus Albus—single white.</b>			
<b>Robus—single pink</b>			
12 to 18 in. S...	2.25	6.50	52.50
<b>Althea—Mixed colors</b>			
12 to 18 in. S...	1.50	3.25	17.00
18 to 24 in. S...	2.00	4.25	19.00
<b>AMELANCHIER (botryapium)</b>			
<b>canadensis (Downy Shadblow)</b>			
12 to 15 in. S...	\$3.00	\$ 8.50	\$ 65.00
<b>AMORPHIA fruticosa</b>			
<b>(Indigo Bush)</b>			
12 to 15 in. S...	2.00	6.50	35.00
<b>ARALIA</b>			
<b>(acanthopanax pentaphylla)</b>			
10 to 15 in. S...	3.00	9.00	65.00
<b>ARONIA (Chokeberry)</b>			
<b>(Red and Black varieties)</b>			
12 to 18 in. S...	2.00	6.50	35.00
<b>(Scarlet Chokeberry)</b>			
15 to 24 in. S...	2.00	8.50	62.50
<b>BARBERRY</b>			
<b>thunbergii</b>			
9 to 12 in. S...	3.00	18.00	
12 to 15 in. S...	4.00	21.00	
<b>Red Leaf Japanese (new)</b>			
5 to 10 in. S...	1.50	4.50	32.00
12 to 15 in. S...	3.00	8.50	82.50
<b>thunbergii minor (Box Barberry)</b>			
8 to 12 in. X...	2.75	7.50	75.00
<b>BUDDLEIA magnifica</b>			
<b>(Butterfly Bush)</b>			
Linier out size...	3.00	9.00	55.00
<b>BENZON aestivalis (Spice Bush)</b>			
12 to 18 in. S...	2.75	8.00	45.00
<b>CALLICARPA americana</b>			
<b>(Amer. Beautyberry)</b>			
12 to 18 in. S...	2.00	6.50	45.00
<b>purpurea</b>			
<b>(Chinese Beautyberry)</b>			
Prices on request.			
<b>CALYCANTHUS floridus</b>			
<b>(Sweet-Shrub)</b>			
12 to 18 in. S...	2.00	5.00	35.00
<b>CEANOTHUS americanus</b>			
<b>(Jersey Tea)</b>			
12 to 18 in. X...	7.50	26.50	.....
<b>CEPHALANTHUS occidentalis</b>			
<b>(Button-Bush)</b>			
12 to 15 in. S...	2.75	8.00	72.50
<b>CLETHRAalnifolia (Summersweet)</b>			
18 to 24 in. S...	4.00	13.00	.....
<b>CHIONANTHUS virginica</b>			
<b>(White Fringe)</b>			
8 to 15 in. S...	3.50	10.00	85.00
<b>CORNUS (Dogwood)</b>			
<b>aiba (siberica) (Red-branched Dogwood)</b>			
12 to 18 in. S...	2.00	6.50	45.00
<b>amomum (Silky Dogwood)</b>			
12 to 18 in. S...	1.50	5.25	35.00
<b>mas (Corneian-Cherry)</b>			
12 to 18 in. S...	2.00	6.50	55.00
<b>stolonifera (Red-Osier Dogwood)</b>			
12 to 18 in. S...	1.75	4.00	25.00
<b>lutea (Golden Twigs)</b>			
12 to 18 in. S...	3.00	8.50	75.00
<b>sanguinea (Red-branched)</b>			
8 to 12 in. S...	1.50	4.00	35.00
<b>CORYLUS americana (Hazel)</b>			
9 to 12 in. S...	2.00	6.50	55.00
<b>CRATAEGUS (Hawthorn)</b>			
<b>crusgalli (Cockspur Thorn)</b>			
Prices on request.			
<b>coccinea</b>			
12 to 15 in. S...	\$2.00	\$ 6.00	\$ 52.50

<b>moillis (Downy Hawthorn)</b>			
9 to 12 in. S...	2.00	6.50	52.50
<b>oxycantha (English Hawthorn)</b>			
10 to 20 in. S...	2.50	7.50	55.00
<b>punctata (Dotted Hawthorn)</b>			
Prices on request.			
<b>tomentosum (Pear Hawthorn)</b>			
12 to 15 in. S...	2.50	7.50	65.00
<b>CYDONIA japonica (Jap. Quince)</b>			
12 to 18 in. S...	1.50	4.50	32.50
<b>DEUTZIA</b>			
<b>candissima, crenata, fortunei, Pride of Rochester</b>			
12 to 18 in. S...	1.50	4.50	25.00
18 to 24 in. S...	2.00	6.00	40.00
<b>gracilis (Dwarf)</b>			
8 to 12 in. S...	3.00	8.50	65.00
<b>ELEAGNUS argentea</b>			
<b>(Silverberry)</b>			
12 to 15 in. S...	2.00	5.50	40.00
<b>umbellata</b>			
12 to 18 in. S...	2.00	6.00	45.00
<b>EUONYMUS americanus</b>			
12 to 18 in. S...	1.50	4.50	35.00
<b>alatus</b>			
8 to 15 in. X...	3.00	8.00	55.00
<b>EXOCHORDA grandiflora</b>			
<b>(Pearl-Bush)</b>			
12 to 15 in. S...	2.50	7.50	72.50
<b>FORSYTHIA</b>			
<b>fortunei, intermedia, viridissima</b>			
12 to 18 in. S...	1.50	4.50	35.00
<b>spectabilis (New Variety)</b>			
12 to 18 in. S...	2.00	6.00	38.50
<b>suspensa (Weeping F.)</b>			
18 to 24 in. X...	3.00	9.00	75.00
<b>HAMAMELIS virginica</b>			
<b>(Witch-Hazel)</b>			
6 to 12 in. S...	2.00	6.00	45.00
<b>HYDRANGEA</b>			
<b>paniculata grandiflora</b>			
12 to 18 in. S...	3.00	9.00	85.00
<b>arborescens grandiflora</b>			
12 to 18 in. S...	3.00	9.00	85.00
<b>HYPERICUM aureum</b>			
<b>(Golden St. Johnswort)</b>			
12 to 15 in. S...	2.50	7.50	65.00
<b>ILEX verticillata (Black Alder)</b>			
12 to 18 in. S...	2.00	6.50	45.00
<b>KERRIA japonica</b>			
12 to 18 in. S...	3.00	8.50	75.00
<b>KOLKWTZIA amabilis</b>			
<b>(Beauty-Bush)</b>			
12 to 15 in. S...	3.50	10.00	95.00
<b>LESPEDEZA bicolor</b>			
<b>(Shrub Bush Clover)</b>			
10 to 18 in. S...	2.00	6.50	45.00
<b>LONICERA (Honeysuckle)</b>			
<b>fragrantissima (Semi-evergreen)</b>			
12 to 18 in. S...	2.00	5.00	35.00
18 to 24 in. S...	2.50	6.00	45.00
<b>bella albida, morrowi, tatarica and rubra</b>			
12 to 18 in. S...	2.00	5.00	35.00
18 to 24 in. S...	2.50	6.00	45.00
<b>PHILADELPHUS</b>			
<b>coronarius, Mt. Blanc, nivalis, grandiflora</b>			
12 to 18 in. S...	1.00	3.00	27.00
<b>Virginal, New and scarce variety</b>			
10 to 12 in. S...	2.00	6.00	45.00
<b>coronarius aurea (Golden leaf)</b>			
1 yr., 5 to 8 in. S...	4.50	16.50	.....
<b>PHOTINIA villosa</b>			
12 to 18 in. S...	3.00	8.50	75.00
<b>RHAMNUS cathartica</b>			
<b>(Buck-thorn)</b>			
12 to 15 in. S...	1.50	4.50	32.50
<b>frangula</b>			
<b>(Glossy Buck-thorn)</b>			
12 to 15 in. S...	1.50	4.50	35.00
<b>RHODOTYPOS kerroides</b>			
<b>(Jet-bead)</b>			
10 to 18 in. S...	2.00	6.50	55.00
<b>RHUS (Sumac)</b>			
<b>copallina (Shining Sumac)</b>			
<b>glabra (Smooth Sumac)</b>			
<b>typhina (Staghorn Sumac)</b>			
12 to 18 in. S...	\$1.25	\$ 4.00	\$ 20.00
18 to 24 in. S...	2.25	5.00	25.00
<b>cotinus (Purple Fringe)</b>			
12 to 18 in. S...	3.00	8.00	70.00
<b>aromatica (fragrant)</b>			
12 to 18 in. S...	2.00	6.50	55.00
<b>ROBINIA hispida (Rose-Acacia)</b>			
10 to 15 in. S...	2.00	5.00	40.00
<b>ROSES</b>			
<b>bianda (Meadow Rose)</b>			
10 to 15 in. S...	2.00	6.00	50.00
<b>carolina (palustris)</b>			
10 to 12 in. S...	2.00	6.00	50.00
<b>hugonis</b>			
9 to 12 in. S...	3.00	8.00	75.00
<b>lucida (Virginia Rose)</b>			
12 to 15 in. S...	2.00	6.00	50.00

<b>multiflora (Japanese Rose)</b>			
10 to 18 in. S...	1.50	4.00	30.00
<b>nitida</b>			
9 to 12 in. S...	2.50	6.50	60.00
<b>rubiginosa (Sweetbrier)</b>			
12 to 15 in. S...	2.50	6.50	55.00
<b>rugosa rubra</b>			
12 to 18 in. S...	2.00	6.50	50.00
<b>setigera (Prairie Rose)</b>			
12 to 15 in. S...	2.00	6.00	40.00
<b>spinossissima (Scotch Rose)</b>			
15 to 18 in. X...	3.50	11.00	.....
<b>wichuriana (Memorial Rose)</b>			
10 to 18 in. S...	2.00	6.00	50.00
<b>CLIMBING ROSES</b>			
<b>Pink Dorothy Perkins, White Perkins, Crimson Rambler, Dr. Van Fleet, Cib. Amer. Beauty, Sunburst, Silver Moon, Paul's Scarlet, Mary Wallace, Alida Lovett.</b>			
2 1/2 in. pots....	4.00	13.00	120.00
We will be glad to quote on Climbing Tea, Hybrid Tea, Hybrid Perpetuals, Polyanthas, etc. in any variety that you may wish.			
<b>SAMBUCUS canadensis (Elder)</b>			
18 to 24 in. S...	2.00	5.00	40.00
<b>acutiloba</b>			
<b>(Cut-leaf Elder)</b>			
12 to 18 in. S...	2.00	5.50	50.00
<b>pubens (Scarlet Elder)</b>			
12 to 15 in. S...	2.00	6.50	55.00
<b>SPIREA</b>			
<b>Anthony Waterer</b>			
5 to 8 in., 2 yr....	2.75	7.50	70.00
<b>opulifolium (Green or golden)</b>			
12 to 18 in. S...	2.00	5.50	45.00
<b>biliardi, alba, callosa rosea, douglassii, reevesiana, thunbergii.</b>			
12 to 18 in. S...	2.00	5.50	50.00
<b>trilocarpa</b>			
10 to 15 in. S...	2.75	7.50	70.00
<b>Van Houttei</b>			
12 to 18 in. S...	1.50	4.00	25.00
18 to 24 in. S...	2.00	5.00	35.00
<b>STEPHANANDRA (Lace Bush)</b>			
<b>flexuosa</b>			
10 to 18 in. X...	3.00	8.00	70.00
<b>STYRAX japonica (Jap. Snowbell)</b>			
12 to 18 in. X...	10.00	25.00	210.00
<b>SYMPHORICARPOS</b>			
<b>racemosus (Snowberry)</b>			
12 to 18 in. S...	2.00	6.00	43.50
<b>vulgaris (Coralberry)</b>			
12 to 18 in. S...	2.00	6.00	43.50
<b>SYRINGA (Lilac)</b>			
<b>Common Purple</b>			
12 to 18 in. S...	2.00	5.00	35.00
<b>Common White</b>			
12 to 18 in. S...	2.00	5.00	35.00
<b>Hungarian Lilac (Josikaea)</b>			
6 to 10 in. S...	2.00	7.00	65.00
<b>Late Lilac (viliosa)</b>			
10 to 15 in. S...	2.00	7.00	65.00
<b>Persian Lilac (Purple)</b>			
12 to 18 in. S...	2.25	7.00	65.00
<b>Rothomagensis (Chinese)</b>			
12 to 15 in. S...	2.75	7.50	65.00
<b>TAMARIX africana</b>			
12 to 24 in. S...	2.00	5.00	30.00
<b>VIBURNUM</b>			
<b>acerfolium (Maple-leaf V.)</b>			
12 to 18 in. S...	\$2.00	\$ 6.00	\$ 35.00
<b>American (Amer. Cranberry)</b>			
12 to 18 in. S...	2.50	7.00	65.00
<b>cassinoides (Withe-Rod)</b>			
8 to 15 in. X...	3.25	9.00	85.00
<b>dentatum (Arrowwood)</b>			
10 to 18 in. S...	2.00	4.50	40.00
<b>lantana (Way-faring tree)</b>			
12 to 18 in. S...	2.00	6.00	45.00
<b>lentago (Nannyberry)</b>			
8 to 12 in. S...	2.50	6.50	62.50
<b>molle (Kentucky V.)</b>			
15 to 18 in. S...	2.75	6.75	65.00
<b>opulus (Europe Cranberry)</b>			
10 to 18 in. S...	2.00	5.50	50.00
<b>opulus nanum (Dwarf Cranberry)</b>			
3 to 6 in. S...	3.50	8.00	70.00
<b>opulus sterilis (Common Snowball)</b>			
12 to 18 in. S...	3.50	8.50	80.00
<b>prunifolium (Black Haw)</b>			
10 to 12 in. X...	2.50	6.50	55.00
<b>tomentosum (Doublefile V.)</b>			
10 to 18 in. S...	4.00	11.00	100.00
<b>tomentosum plicatum (Jap. Snowball)</b>			
5 to 8 in. X...	4.00	11.00	100.00
<b>VITEX agnus-castus</b>			
<b>Lilac Chaste-Tree</b>			
12 to 18 in. S...	2.00	6.00	35.00
18 to 24 in. S...	2.50	7.00	55.00
<b>incissa (Cutleaf variety)</b>			
Prices same as above.			
<b>WEIGELA</b>			
<b>rosea</b>			
12 to 18 in. S...	2.00	5.00	30.00
<b>amabilis</b>			
12 to 18 in. S...	2.00	5.00	30.00
<b>lemoine</b>			
12 to 18 in. S...	2.00	5.00	30.00
<b>lutea (golden)</b>			
12 to 18 in. S...	2.50	6.50	55.00
<b>Eva Rathke</b>			
5 to 10 in. S...	3.00	8.00	70.00
15 to 20 in. S...	3.50	9.75	85.00

## Care of Small Stock

### SEEDLINGS ("S")

Many varieties are raised from seed. These very small plants must be handled with extra care. They should be planted about four inches apart in beds. Here they are left two years and for the first year, during the heat of the first Summer, should be shaded by a lath screen. In the Autumn, mulch to prevent frost-heaving. At the end of two years, they should be taken from the beds and treated as transplants.

### TRANSPLANTS ("X")

Evergreens that have been moved, or have had their roots pruned, tend to throw out extra roots near the stem, forming a close compact ball of fibrous roots that can be easily dug up. The transplant is sufficiently sturdy to be planted out in the open field in rows. Here the roots have room to grow, and the tops have room for shapely development.

### ROOT

# Deciduous Tree Seedlings

ACER (Maple)	(25)	(100)	(1000)
dasyarpum (Silver Maple)			
18 to 24 in. S. ....	\$1.00	\$ 3.00	\$ 20.00
4 to 6 in. X			
Branched.....	3.50	10.00	70.00
Smaller grades on request.			

NORWAY MAPLE			
MAPLE WHIPS FOR LINING OUT			
	(1000)		
Norway Maple			
4 to 5 feet whips.....	\$200.00		
5 to 6 feet whips.....	250.00		
6 to 7 feet whips.....	350.00		
Schwedler's Maple			
4 to 5 feet.....	375.00		
5 to 6 feet.....	495.00		
Write for delivered prices.			

	(25)	(100)	(1000)
palmatum (Jap. Maple)			
12 to 18 in.....	2.00	5.50	40.00
rubrum (Red Maple)			
12 to 18 in.....	2.00	5.00	25.00
18 to 24 in.....	2.50	6.50	35.00
saccharum (Sugar Maple)			
12 to 18 in.....	2.00	5.00	25.00
18 to 24 in.....	2.50	6.00	35.00

AILANTHUS glandulosa	(25)	(100)	(1000)
18 to 24 in.....	2.00	5.00	30.00

AESCULUS	(25)	(100)	(1000)
(Flowering Horsechestnut)			
hippocastanum			
12 to 15 in.....	3.50	10.00	75.00
neglecta (Dwarf Red-flowering Buckeye)			
Very rare shrub with red to yellow flowers.			
6 to 12 in.....	2.00	6.00	45.00
12 to 18 in.....	2.75	9.00	75.00
octandra (Yellow Buckeye)			
12 to 18 in.....	2.00	5.00	35.00

BETULA (Birch)	(25)	(100)	(1000)
alba (White Birch)			
9 to 12 in.....	3.50	10.00	85.00
populifolia (Gray Birch)			
12 to 18 in.....	2.00	5.00	25.00
papyrifera (Paper Birch)			
12 to 18 in.....	2.25	6.00	35.00
lenta (Sweet Birch)			
12 to 18 in.....	2.00	5.00	25.00
lutea (Yellow Birch)			
24 to 36 in.....	2.50	7.00	55.00
nigra (River Birch)			
12 to 18 in.....	1.50	4.00	20.00
18 to 24 in.....	2.00	6.00	30.00

CATALPA speciosa	(25)	(100)	(1000)
(Western Catalpa)			
18 to 24 in.....	\$2.00	\$ 5.50	\$ 27.50
Other grades on request.			

CARPINUS americana	(25)	(100)	(1000)
(Hornbeam)			
6 to 12 in.....	4.00	22.50	
12 to 18 in.....	2.00	5.50	35.00
18 to 24 in.....	2.50	6.50	45.00

CELTIS occidentalis (Hackberry)	(25)	(100)	(1000)
6 to 12 in.....	3.50	26.00	
12 to 18 in.....	2.00	5.00	38.50
18 to 24 in.....	2.50	7.00	55.00

CERCIS canadensis (Red Bud)	(25)	(100)	(1000)
6 to 12 in.....	3.00	20.00	
12 to 18 in.....	4.00	26.00	
18 to 24 in.....	2.00	6.00	35.00
2 to 3 ft. X.....	7.50	25.00	220.00

CLADRASTIS (Yellow Wood)	(25)	(100)	(1000)
12 to 18 in.....	2.00	6.00	45.00

CORNUS florida	(25)	(100)	(1000)
(Flowering Dogwood)			
12 to 18 in.....	2.00	6.00	35.00
18 to 24 in.....	2.75	8.00	45.00
2 to 3 ft.....	4.00	10.00	60.00
kousa (Japanese)			
18 to 24 in.....	15.00	50.00	.....

DIOSPYROS (Persimmon)	(25)	(100)	(1000)
18 to 24 in.....	1.25	4.00	22.00

FAGUS (Beech)	(25)	(100)	(1000)
ferruginea (American Beech)			
6 to 12 in.....	3.00	20.00	
12 to 18 in.....	1.75	4.50	27.50
18 to 24 in.....	2.25	6.00	40.00
sylvatica (European Beech)			
6 to 8 in.....	2.25	6.50	45.00
18 to 24 in.....	4.00	12.00	95.00

FRAXINUS (American White Ash)	(25)	(100)	(1000)
12 to 18 in.....	2.50	20.00	
18 to 24 in.....	2.00	4.50	25.00

GINGKO BILOBA (Maidenhair)	(25)	(100)	(1000)
6 to 12 in.....	3.50	11.00	85.00
12 to 18 in.....	5.00	14.00	125.00
8 to 15 in. X.....	5.50	18.50	155.00
15 to 24 in. X.....	6.50	22.00	190.00

GLEDITSIA (Honey Locust)	(25)	(100)	(1000)
12 to 18 in.....	1.50	3.50	20.00

HALESIA tatreperia	(25)	(100)	(1000)
Prices on request.			

HICORIA alba (Shellbark Hickory)	(25)	(100)	(1000)
6 to 12 in.....	2.50	7.00	55.00
12 to 18 in.....	3.00	9.00	75.00

HICORIA ovata (Shagbark Hickory)	(25)	(100)	(1000)
6 to 12 in.....	2.50	7.00	55.00
12 to 18 in.....	3.00	9.00	75.00

JUGLANS nigra (Black Walnut)	(25)	(100)	(1000)
12 to 18 in.....	2.00	5.00	38.00
18 to 24 in.....	2.25	7.00	55.00

JUGLANS cinera (Butternut)	(25)	(100)	(1000)
12 to 18 in.....	2.00	5.00	38.00
18 to 24 in.....	2.25	7.00	55.00

KOELREUTERIA paniculata (Golden Rain or Varnish Tree)	(25)	(100)	(1000)
1 year S.....	\$2.00	\$ 5.00	\$ 40.00

LABURNUM vulgare	(25)	(100)	(1000)
4 to 6 in. S.....	2.00	5.75	40.00
8 to 12 in.....	3.00	8.00	75.00

LIQUIDAMBER styraciflua (Sweet Gum)	(25)	(100)	(1000)
12 to 18 in.....	4.00	25.00	
18 to 24 in.....	2.00	6.00	30.00

LIRIODENDRON tulipifera (Tulip Tree)	(25)	(100)	(1000)
6 to 12 in.....	3.00	20.00	
12 to 18 in.....	4.00	25.00	
18 to 24 in.....	2.00	6.00	38.00
2 to 3 feet.....	2.50	7.50	45.00

MAGNOLIA acuminata (Cucumber Tree)	(25)	(100)	(1000)
12 to 18 in.....	2.00	6.00	45.00
24 to 36 in. X.....	10.00	35.00	.....

MORUS alba (Russian Mulberry)	(25)	(100)	(1000)
Attractive to birds.			
6 to 12 in.....	2.00	15.00	
12 to 18 in.....	2.50	20.00	
2 to 3 ft.....	2.00	5.50	35.00

NYSSA sylvatica (Tupelo or Sour Gum)	(25)	(100)	(1000)
6 to 12 in.....	3.00	20.00	
12 to 18 in.....	2.00	5.00	27.50
18 to 24 in.....	2.25	6.00	45.00

OXYDENDRON arboreum (Sorrell or Sourwood Tree)	(25)	(100)	(1000)
12 to 18 in.....	2.00	5.00	27.50
18 to 24 in.....	2.25	6.00	35.00

OSAGE ORANGE	(25)	(100)	(1000)
12 to 18 in.....	3.00	20.00	
18 to 24 in.....	2.00	5.00	25.00

PLATANUS occidentalis (Sycamore)	(25)	(100)	(1000)
12 to 18 in.....	4.00	22.00	
2 to 3 ft.....	2.25	6.00	38.00

orientalis	(25)	(100)	(1000)
5 to 6 ft. X.....	7.50	25.00	225.00

POPULUS (Poplar)	(25)	(100)	(1000)
Lombardy and Simon's			
2 to 3 ft.....	2.00	6.00	40.00
3 to 4 ft.....	3.00	8.00	50.00
3 to 4 ft. branched.....	4.50	14.50	90.00
Carolina, Nor. and Silver			
3 to 4 ft.....	2.25	6.00	55.00
Bolleana			
2 to 3 ft.....	3.00	8.50	75.00
Tremuloides (Quaking Aspen)			
12 to 18 in.....	1.50	3.50	25.00

PRUNUS serotina (Black Cherry)	(25)	(100)	(1000)
12 to 18 in.....	2.00	5.50	37.50
virginiana (Chokeberry)			
12 to 18 in.....	2.00	5.50	37.50

QUERCUS (Oak)	(25)	(100)	(1000)
alba (White Oak)			
4 to 6 in.....	4.00	35.00	
9 to 12 in.....	2.00	6.00	55.00
nigra (Black Oak)			
12 to 18 in.....	2.00	6.50	50.00
coccinea (Scarlet Oak)			
4 to 6 in.....	6.50	60.00	

bicolor (Swamp White Oak)	(25)	(100)	(1000)
12 to 15 in.....	2.00	6.00	45.00
palustris (Pin Oak)			
6 to 12 in. S.....	2.00	5.00	35.00
12 to 15 in. S.....	2.25	6.50	60.00
rubra (Red Oak)			
12 to 18 in.....	2.50	7.00	50.00
macracarpa (Burr Oak)			
6 to 12 in.....	2.00	6.00	50.00
robur (English Oak)			
6 to 10 in.....	2.00	7.00	50.00
12 to 15 in.....	2.50	8.50	68.00
prinus (Chestnut Oak)			
6 to 12 in.....	2.00	5.00	35.00

ROBINIA (Black Locust)	(25)	(100)	(1000)
12 to 18 in.....	3.50	15.00	
2 to 3 ft.....	2.00	5.50	28.50
Other sizes on request.			

SALIX (Weeping Willow)	(25)	(100)	(1000)
2 to 3 ft.....	2.50	6.50	60.00
3 to 4 ft.....	3.00	10.00	75.00

Russian Golden	(25)	(100)	(1000)
3 to 4 ft.....	2.50	7.00	60.00

Nlobe Golden	(25)	(100)	(1000)
3 to 4 ft.....	2.50	7.50	60.00

SASSAFRAS	(25)	(100)	(1000)
18 to 24 in.....	2.00	5.50	35.00

SOPHORA japonica (Japanese Scholar Tree)	(25)	(100)	(1000)
4 to 6 in.....	3.00	5.00	40.00

SORBUS (Mt. Ash)	(25)	(100)	(1000)
acuparia (European Mt. Ash)			
12 to 18 in.....	3.00	10.00	70.00

TAXODIUM distichum (Bald Cypress)	(25)	(100)	(1000)
Prices on request.			

TILIA americana (American Linden)	(25)	(100)	(1000)
12 to 18 in.....	2.00	6.00	45.00
18 to 24 in.....	3.00	8.50	68.00

ULMUS americana (American Elm)	(25)	(100)	(1000)
12 to 18 in.....	2.00	16.00	
18 to 24 in.....	4.00	22.00	
3 to 4 ft.....	3.00	7.00	40.00
Other sizes on request.			



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## This Green 4-Page Insert

Contains Prices of Small Seedlings  
and Transplants of

EVERGREENS  
EVERGREEN SHRUBS  
DECIDUOUS TREES  
AND DECIDUOUS SHRUBS

# Deciduous Trees

## ACER (Maple)

Norway Maple (*A. platanoides*). Zone IV.

Handsome, dense favorite.  
(50 or more)  
(Each) more)  
6 to 8 feet.....\$1.35 \$1.00  
8 to 10 feet..... 1.50 1.20  
10 to 12 feet (1½ to 1¾")..... 2.00 1.60  
12 to 14 feet (2 to 2½")..... 3.00 2.50

Schwedler Maple (*A. plat. Schwed.*). Zone IV.

Leaves red in early summer—then purple.  
6 to 8 feet.....\$2.00 \$1.70  
8 to 10 feet..... 3.00 2.00  
10 to 12 feet..... 4.50 3.00

Red Maple (*A. rubrum*). Zone IV.

Red flowers in April. Tolerant of swamps and drought.  
6 to 8 feet.....\$1.00 \$ .75  
8 to 10 feet..... 1.50 1.00

Silver Maple (*A. dasycarpum*). Zone IV.

A fine native. Very fast growing and with beautiful green leaves, silver on the under surface.  
8 to 10 feet.....\$1.00 \$ .60  
10 to 12 feet..... 1.50 1.00

Note extremely low quantity rates

### MAPLE WHIPS FOR LINING OUT

Norway Maple. IV. (1000)  
4 to 5 feet whips.....\$200.00  
5 to 6 feet whips..... 250.00  
6 to 7 feet whips..... 350.00

Schwedler's Maple. IV.  
4 to 5 feet..... 375.00  
5 to 6 feet..... 495.00

Write for delivered prices.

## JAPANESE MAPLE

We offer only true grafted types. They will retain their color practically all Summer. Makes a superb lawn specimen, or may be used for mixing planting in the shrub border, where its brilliant coloring makes a striking effect. Zone V. Shelter.

Redleaved Japanese Maple (*A. palmatum atropurpureum*)

(Each)  
8 to 12 inches, 1 yr. grafts.....\$ .75  
12 to 15 inches, 2 yr. grafts..... 1.00  
15 to 21 inches..... 1.60  
30 to 36 inches..... 3.00

Cutleaved Red Japanese Maple (*A. purpureum dissectum*)

(Each) (10)  
8 to 12 inches, 1 yr. grafts.....\$1.00  
12 to 15 inches, 2 yr. grafts..... 1.25  
15 to 18 inches, 3 yr. grafts..... 1.75  
18 to 24 inches spread..... 3.00

## HORSECHESTNUT

(*Aesculus*)—Zone V

White-flowering (*Hippocastanum*)

A tall, stately, pyramidal tree with large white flowers in late May.

(Each)  
6 to 8 feet.....\$2.50

Red-flowering (*rubicunda*)

Similar to the above, but light brick-red flowers. An interesting old favorite now become rare.  
6 to 8 feet.....\$5.00

## ALBIZZIA JULIBRISSIN ROSEA

The only hardy (Zone VI) Mimosa tree. Covered with interesting pink flowers for two months in summer. Exceedingly rare.

Small 1 year seedlings postpaid... 3 for \$1.25  
2 to 3 feet (tubs)..... \$5.00 each



Cutleaf Weeping Birch

## THE BIRCHES (*Betula*)

To many people the Birch is typical of New England woods. In clumps here and there on shady lawns, or in groves with ferns underfoot, it has a dryad attraction hard to resist. Single specimens are also effective.

European White Birch (*B. alba*)

40 to 50 feet. Beautiful tree with spray-like branches. The white bark is effective among evergreens. Zone III.

(Each) (10)  
4 to 6 feet.....\$1.25 \$10.00  
6 to 8 feet..... 1.50 12.00

Paper or Canoe Birch (*B. papyrifera*)

50 feet. Open in growth with silver-white bark. Should be planted in groups or massed. Zone I.

4 to 6 feet.....\$1.20 \$10.00  
6 to 8 feet..... 1.50 12.00

Cutleaf Weeping Birch (*B. pendula laciniata*)

40 feet. Pictured below. Ideal for specimen. Zone III.

5 to 6 feet.....\$2.00 \$15.00  
6 to 8 feet..... 2.50 20.00

Special prices for quantity plantings

# Deciduous Trees

## RED BUD

(*Cercis Canadensis*). Zone V.

Why this glorious small native tree is not more generously used is a mystery. April and May sees the bare limbs covered with bright rose flowers, followed by large handsome leaves.

	(Each)
4 to 5 foot trees.....	\$1.25
6 to 8 foot trees.....	2.50



Hawthorn in Bloom

## HAWTHORN (*Crataegus*)

**Paul's Scarlet Hawthorn** (*C. oxycantha splendens*)

Very double deep crimson flowers with a scarlet glow. A small tree of fine habit.

**Pink Hawthorn** (*C. oxycantha rosea*)  
Pink flowers in May.

**White Hawthorn** (*C. oxycantha alba*)  
Fragrant white flowers in May, and bright red fruit in the Fall.

Prices on three varieties: (Hardy Zone V).

	<b>Prices on all three Hawthorns</b>		
	(Each)	(10)	(100)
3 to 4 feet.....	\$1.50	\$12.50	\$100.00
4 to 5 feet.....	1.75	15.00	110.00
5 to 6 feet.....	2.00	17.50	150.00

### Hawthorn Seedling Hedges

We offer the following first-class oxycantha seedlings for thick, thorny screens and hedges.

	(100)	(1000)
12 to 18 inches.....	\$ 8.00	\$60.00
4 to 5 feet.....	50.00	.....



Flower of Dove Tree

## THE DOVE TREE

(*Davidia involucrata*). Zone VI.

The late Dr. E. H. Wilson wrote of the *Davidia* that it is "the most interesting and most beautiful of all trees which grow in the north temperate regions." The white flowers and their long pendulous bracts, when stirred by a light breeze, resemble huge butterflies or small doves fluttering amongst the bright green leaves. Blooms in May and June.

18 inches.....	\$14.00 each
----------------	--------------

## Flowering Dogwood—*Cornus florida*

The first glorious show of Spring in our American woods. The large showy flowers in massed effect make a sight never to be forgotten. The envy and despair of English gardens, where it does not succeed. It prefers our hot Summers and cold Winters.

**White Dogwood** (*Cornus florida*).

Beautiful small native tree hardy in Zone IV. 20 feet. Covered with white blooms in May. Crimson leaves and berries in Autumn. Loose, humus.

	(Each)	(10)
2 to 3 feet.....	\$.75	\$ 5.00
3 to 4 feet.....	1.00	9.00
5 to 6 feet.....	1.50	30.00
(3 feet, \$50.00 per 100)		

**"Lining-out" Grade.** Note that we can furnish small sizes as well as large. This is true of all other varieties on these pages. See green list in front.

	(100)	(1000)
12 to 18 inches.....	\$6.00	\$40.00
2 to 3 feet.....	8.00	60.00

**Red Flowering Dogwood.** Zone IV.

Grafted pink form of the native tree. Color photo on next page.

	(Each)	(10)	(100)
2 to 3 feet, B. & B. . . .	\$1.35	\$11.00	\$ 95.00
3 to 4 feet, B. & B. . . .	2.00	18.00	150.00
4 to 5 feet, B. & B. . . .	2.50	25.00	200.00

**Pagoda Dogwood** (*Cornus kousa*). Zone V.

A small tree to 20 feet. Not vastly different from our native Dogwood, but its showy white mass of bloom comes a month later—in June. Should be grouped with the native Red and White flowering to prolong the season. Shade.

18 to 24 inches....	\$ .90	\$ 6.50	\$ 60.00
4 to 5 feet.....	2.25	20.00	150.00

## Fagus—The Beeches

**European Beech** (*F. Sylvania*). V.

Humus, lime. 50 to 60 feet. A beautiful tree with fan-like branching, close and dense to the ground.

	(Each)	(10)
2 to 3 feet.....	\$1.35	\$11.00
3 to 4 feet.....	2.50	22.50

**Purple Beech** (*F. Syl. Purpurea*). Zone V.

	(Each)
10 to 12 inches, 1 yr. grafts.....	\$1.00
12 to 18 inches, 2 yr. grafts.....	1.25
4 to 5 feet.....	6.50

**Weeping Beech** (*F. pendula*). V.

10 to 12 inches, 1 yr. grafts.....	\$1.00
12 to 18 inches, 2 yr. grafts.....	1.25
18 to 24 inches, 3 yr. grafts.....	1.75
24 to 30 inches, 4 yr. grafts.....	2.50

**Purple Weeping Beech.** V.

10 to 12 inches, 1 yr. grafts.....	\$1.75
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**Fernleaf Beech** (*Heterophylla*). V.

10 to 12 inches, 1 yr. grafts.....	\$ .90
12 to 15 inches, 2 yr. grafts.....	1.10

## THE LONG-LOST FRANKLINIA

The *Franklinia* (*Gordonia altamaha*) is the rarest native American flowering tree. Found by John Bartram in 1790. A small tree to 30 feet with white showy flowers 3 inches across in August. Very fragrant. Zone VI. Damp, humus.

10 to 15 inches	\$1.50 each
	13.50 (10)
18 to 24 inch	\$2.00 each
	15.00 (10)
3 to 4 feet	\$4.00 each
4 to 5 feet	\$5.00 each



Purple Beech Specimen

## FLOWERING ASH (*Fraxinus ornus*)

Handsome round-headed tree to 50 feet. Showy white clusters of fragrant flowers in May and June. Hardy in Zone V.

5 to 6 feet, nice trees, \$3.00 each.

## GINGKO (Maidenhair Tree)

Stiff pyramidal form. Good. Zone IV.

	(Each)
6 to 8 feet.....	\$3.50
8 to 10 feet.....	4.50

## GREAT SILVER BELL

**Halesia tetraptera.** Hardy in Zone V.

Small tree to 25 feet. A profusion of tiny bells nod from the branches in May. Destined to be much more popular than it is now.

	(Each)	(10)	(100)
3 to 4 feet.....	\$1.00	\$ 9.00	.....
5 to 6 feet.....	1.75	16.00	.....



Red-flowering Dogwood Specimen in full glory

The Dogwoods are described and priced on page 4 (opposite). No more gorgeous show of color is obtainable. We make a specialty of Dogwood.

## GOLDEN RAIN TREES

**Koelreuteria paniculata.** Zone V.

25 to 30 feet. Most conspicuous when the large loose bunches of bright yellow flowers crown the trees in July. The compound foliage is pleasing. Sun; lime; dry.

4 to 5 feet.....(Each) (10) \$2.00 \$18.00

**Laburnum vulgare.** Zone V.

20 to 25 feet. Golden yellow flowers hang from the green branches resembling a yellow wisteria. Plant in a favored sheltered spot, drained.

2 to 3 feet.....(Each) (10) \$1.25 \$10.00  
4 to 5 feet.....2.00 15.00

**Laburnum Vossii.** Zone V.

Smaller than above, but a hybrid, hence very free and early to bloom. The best of all Laburnums. Very rare.

3 to 4 feet.....(Each) \$3.00  
4 to 5 feet.....3.50



*Cercis canadensis* (American Red-bud)  
Priced and described on page 4 (opposite)

# Exquisite Magnolias

ON BARE branches come huge blooms in early Spring—vivid and startling. Later, other varieties and species come into flower and the Sweet Bay is still blooming in late July. Leaves are usually thick and lustrous—the trees shapely and interesting. All prefer well-drained soil except *M. glauca*. Sun; damp, loose, acid humus.

## SOULANGEANA

Saucer Magnolia

Hardy Zone V. A small tree to 20 feet. Every branch carries its share of huge pinkish cups—white inside—about April 20. There are many varieties—two listed below.

(Each) (10)  
15 to 18 inch, 2-year grafts. B. & B.....\$1.30 \$12.50  
30 to 36 inches. B. & B.. 2.60 25.00  
3 to 4 feet. B. & B., specimens..... 3.50 30.00  
4 to 5 feet. B. & B., specimens..... 5.00 45.00

## SOULANGEANA LENNEI

A form with deeper reddish flowers and stronger leaves. Blooms about May 1.

(Each) (10)  
12 to 18 inch, 2-year grafts. B. & B.....\$1.30 \$12.50  
18 to 24 inches. B. & B.. 2.25 20.00  
24 to 30 inches. B. & B.. 2.75 25.00  
3 to 4 feet. B. & B., specimens..... 6.00 50.00

## SOULANGEANA NIGRA

Still darker flowers and still later to bloom—about May 15.

(Each) (10)  
15 to 18 inch, 2-year grafts. B. & B.....\$1.30 \$12.50  
21 to 30 inches. B. & B.. 2.25 20.00

## THE "SWEET BAY"

(*Magnolia glauca*). Zone V.

A perfectly glorious small native tree. Large, lustrous, half-evergreen leaves. It seems to prefer moist places, growing in swamps. The flowers are creamy white and delicious in fragrance—rather like a gardenia. They are sparingly borne, but last from May into July.

(Each) (10)  
18 to 24 in., B. & B.. \$1.00 \$8.50  
2 to 3 ft., B. & B.. 1.50 13.00  
3 to 4 ft., B. & B.. 2.00 18.00

## YELLOW CUCUMBER TREE

(*Magnolia acuminata cordata*). Zone V.

A small tree with canary-yellow flowers in May and scarlet fruit (showy) in August and September. 18 to 24 inches, B. & B., \$2.75 each, \$25.00 for 10.

## UMBRELLA MAGNOLIA

(*M. tripetala*). Hardy Zone V.

Huge, 2-foot, tropical-looking leaves. White flowers 10 inches across in May and June. A tree to 30 feet. Easily grown. Shade or sun.

(Each) (10)  
4 to 6 feet.....\$1.50 \$13.50

## STELLATA

Star Magnolia

Hardy in Zone V. Dazzling white, showy flowers. Earliest of all—about April 10. Delightful fragrance.

(Each) (10)  
12 to 15 inch, 2-year grafts. B. & B.....\$1.30 \$12.50  
21 to 24 inches. B. & B.. 2.25 20.00

## STELLATA (Pink)

A form (grafted) with pink flushed flowers. Delectable.

(Each) (10)  
12 to 15 inch, 2-year grafts. B. & B.....\$1.60 \$15.50  
15 to 18 inches. B. & B.. 2.25 20.00  
24 to 30 inches. B. & B.. 4.50 40.00

## THE YULAN

(*Magnolia conspicua*). Hardy in Zone V.

Tree to 30 feet. April sees the bare branches loaded with white, fragrant flowers 6 inches across. A true aristocrat.

(Each) (10)  
12 to 18 inches. B. & B.. \$1.75 \$15.00  
18 to 24 inches. B. & B.. 2.25 20.00

## TULIP POPLAR

(*Liriodendron tulipifera*)

Not a true Magnolia, but closely related. Huge tree to 100 feet or more. Zone V. One of the finest native trees. Large, showy flowers in May and June. Humus, damp.

(Each) (10)  
6 to 8 feet.....\$1.50 \$14.00  
10 to 12 feet..... 2.00 18.00

## Rhododendrons and Magnolias

The leaves and shade of Magnolias are beneficial to the growth of Rhododendrons



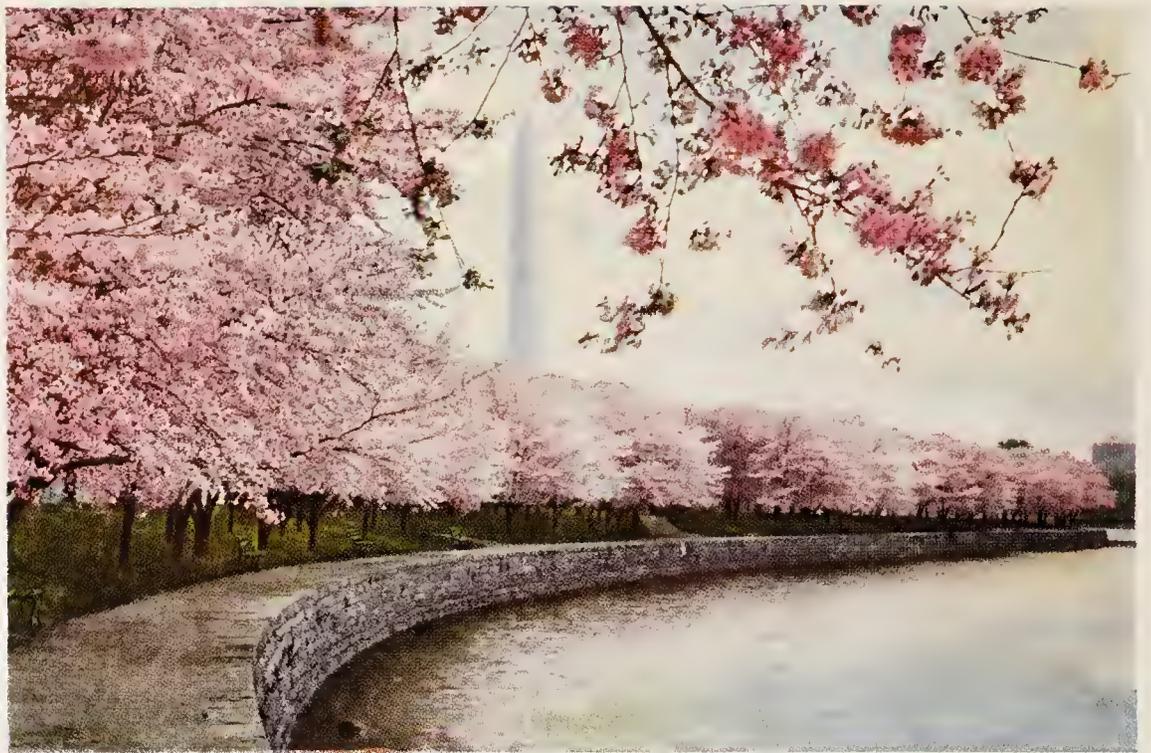
*Magnolia soulangeana*



Mountain Ash

For description and prices see page 7

Large sizes on these pages, see green list in front for small, economical sizes.



Yoshino Cherry at Washington

## Prunus • Flowering Fruit Trees

Gorgeous in their spring beauty—massed effects are breath-taking. The Flowering Cherries are on the opposite page. A few here:

### RED-FLOWERING PEACH

*Amygdalus*

Small straggling shrubs or trees that burst into a wealth of double flowers in early Spring. Zone V. Loose; sun. (Each) (10)  
2 to 3 feet.....\$1.00 \$7.50

### PURPLE-LEAVED PLUM

*Prunus Pissardi*

Striking purplish foliage which does not fade in Summer. Covered with pink flowers in May. A fine small specimen 8 to 10 feet. Zone V. Loose; sun. (Each) (10)  
4 to 5 feet.....\$1.00 \$6.00

### PINK-FLOWERING ALMOND (*Prunus glandulosa*)

One of the charming early-flowering shrubs producing rose-colored flowers in great profusion. Zone V. Loose; sun. (Each) (10)  
2 to 3 feet.....\$0.60 \$5.00  
3 to 4 feet......75 6.00

## Malus • Flowering Crabs

These superb trees are effective for lawn specimens, but even more important when used plentifully in woodland and mass plantings, in the same way as Dogwood and Hawthorn, with dark evergreen backgrounds. Zone V. Loose soil; sun.

There is a wide range of size and shape and color of bloom and the following list includes only a few of those we are in a position to furnish.

Arnoldiana—Pink. Early. 8 to 15 feet.....	6 to 8 ft.	(Each) \$1.50
Bechtel's—Pink. Double blooms. 12 to 15 feet.....	3 to 4 ft.	1.00
Dawsoniana—White. 20 feet. (New.).....	8 to 10 ft.	2.50
Hopi—Red. Profuse blooms. 12 to 15 feet.....	6 to 8 ft.	1.50
Floribunda—Pink buds turn white. 20 feet.....	6 to 8 ft.	1.50
Mandshurica—White. Fragrant.....	3 to 4 ft.	1.00
Prunifolia Rinki—White. 15 to 18 feet.....	4 to 5 ft.	1.00
	6 to 8 ft.	1.50
Robusta—White. Early, fragrant. 15 to 30 feet.....	4 to 5 ft.	1.00
	6 to 8 ft.	1.50
Sargents—White. Spreading dwarf. 6 feet.....	2 to 3 ft.	1.00
Scheideckeri—Rose. Early double. 15 to 20 feet.....	6 to 8 ft.	1.50
Zumi—Pink and white. Pyramidal. 10 feet.....	6 to 8 ft.	1.50

(5 of one kind, deduct 20%)

### SPECIAL QUANTITY PRICES

2 to 3 feet, \$36 per 100 (25 or more of one kind)

Aldenhamensis	Eleyi	Parkmanni
Sargenti (1½ to 2 feet)		Sieboldi

### ORIENTAL PLANE

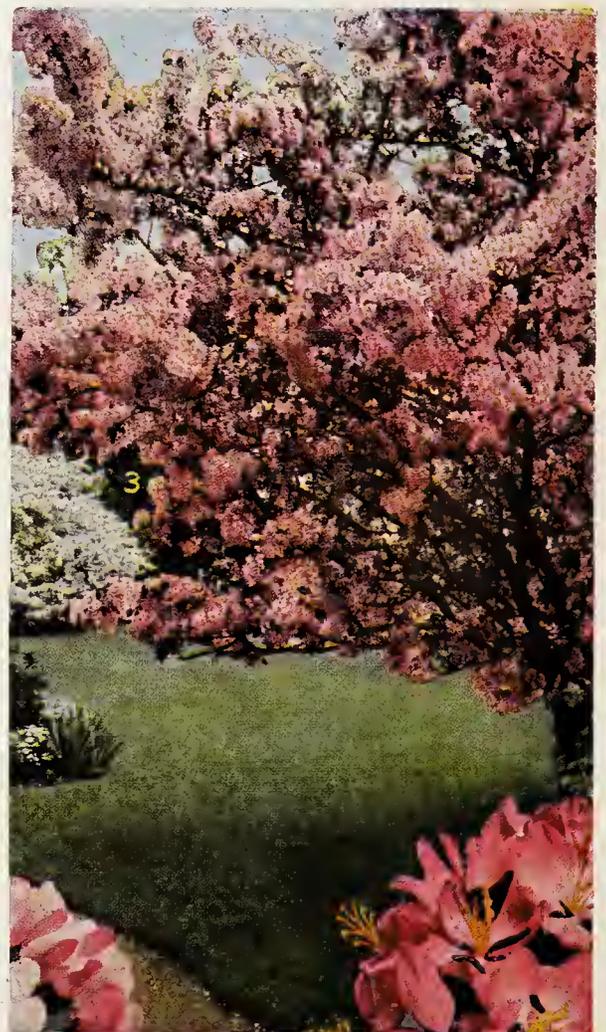
This charming species is one of the few trees really adapted to succeed under city conditions. Damp.

	(Each)	(50 or more)
6 to 8 feet.....	\$1.50	\$0.80
8 to 10 feet.....	2.00	1.00

### LOMBARDY POPLAR

Fastest growing of all trees. Thrives in almost any soil. Makes a tall narrow column. Fine for quick screens. Hardy Zone IV.

	(10)	(100)
6 to 8 feet.....	\$5.00	\$40.00
8 to 10 feet.....	8.00	60.00



Flowering Crabs

# Deciduous Trees

## Japanese Flowering Cherry

These are among the most beautiful introductions to our American gardens. All hardy in Zone V. Choice and rare.

### FUGENZO (James H. Veitch)

One of the latest to bloom; unusually large double pink flowers.

### KWANZAN

Large very double pink flowers, almost red in bud. Well formed, vigorous.

### MOUNT FUJI (Shirotae)

Undoubtedly the finest double white.

### NADEN (Siebold Cherry)

Pale pink semi-double blossoms arranged in short stemmed clusters.

### OJOCHIN

Compact, branched up from the ground. Freely borne pink flowers.

### SHIROFUGEN (Double Blush Pink)

Pink in bud, the very large double flowers become white, then gradually assume a blush as they mature. Vigorous.

### YOSHINO (Yedoensis) (Single Blush pink)

First to bloom. Single Pink. This is the species famous in Washington, D. C.

### PRICES ON ABOVE

5 to 6 foot specimens,  
\$3.00 each, \$25.00 per 10

4 to 5 foot trees,  
\$2.00 each, \$18.00 per 10

### CULTURE OF CHERRIES

Extremely easy to grow. Any soil, fairly well drained. Sun. Slightly acid (suggest planting among Rhododendrons). Set out about 20 feet apart and do not prune much.



Weeping Cherry



Amanogawa

### AMANOGAWA (Upright Cherry)

A distinct form with a Lombardy Poplar style of growth. Semi-double pink flowers gracefully hang in dense clusters. 5 to 6 feet, \$4.00 each

## STANDARD WEEPING CHERRIES

Among unusual trees comes this exotic, with delicate pendent branches clothed in pink at the first warm weather of Spring.

We offer strong heads on 6 foot stems ready to bear their first blooms.

### Double Weeping Cherry

	(Each)	(10)
1 year heads.....	\$2.00	\$18.00
2 year heads.....	3.00	25.00

### Single Weeping Cherry

A fine flowering tree with single pink blossoms.		
2 year heads.....	\$2.50	\$22.50

## QUERCUS (Oaks)

**Pin Oak**—Zone V. (Each) (50 or more)  
Beautiful pyramid. Shiny dark leaves. Humus, damp.

6 to 8 feet.....	\$3.00	\$1.50
8 to 10 feet.....	3.25	2.00
10 to 12 feet.....	4.00	2.75

### Red Oak

—Zone IV. Handsome tall growing native. Heavy soil.

6 to 8 feet.....	\$3.00	\$1.75
8 to 10 feet.....	4.00	3.00

### Scarlet Oak

—Zone V. Brilliant Autumn colors. Dry, loose.

5 to 6 feet.....	\$2.50	\$2.00
6 to 8 feet.....	3.25	.....

**Oak Whips** of three above species. 5 to 6 feet high for \$650.00 per 1000.

## WILLOW (Salix)

Quoted on request. We have a large assortment of kinds and sizes. Weeping and Golden varieties.

## MOUNTAIN ASH (Sorbus)

**American Mountain Ash (S. americana)**  
Brilliant clusters of bright red berries in the Fall. Hardy in Zone II. Acid.

	(Each)	(10)
4 to 5 feet.....	\$1.00	\$ 8.00
5 to 6 feet.....	1.50	14.00

### European (S. aucuparia). Zone III.

A very attractive small lawn tree, with graceful compound leaves which turn orange red in the Fall. Clusters of scarlet berries are borne in great abundance from July until Winter.

6 to 8 feet.....	\$1.50	\$12.00
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## STEWARTIA PENTAGYNA

This extremely choice and rare American native makes a handsome small tree with large showy white flowers in July and has bright green leaves changing in Autumn to orange and scarlet. Very choice. Hardy in Zone V. Humus.

	(Each)	(10)
1½ to 2 feet.....	\$2.00	\$15.00

## STEWARTIA PSEUDOCAMELLIA

Larger flowers, white and gold in August. Rare. Zone V.

15 to 18 inches.....	\$1.50	\$12.00
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## SNOWBELL TREE

### Styrax japonica. Hardy in Zone V.

A small tree to 20 feet. In July the wide branches are covered with white bell-like flowers. Very striking specimen. Loose soil.

	(Each)	(10)	(100)
3 to 4 feet.....	\$1.00	\$ 8.00	\$ 60.00
5 to 6 feet.....	2.00	15.00	100.00

## TILIA (Lindens)

### American (Basswood)—Zone IV.

6 to 8 feet.....	\$2.00
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### European (Vulgaris)—Zone IV.

Symmetrical rapid grower.

6 to 8 feet, 1 to 1¼ inch cal.....	\$2.00
8 to 10 feet, 1¼ to 1½ inch cal.....	2.75

### Small-leaf (Cordata)

Best hardy substitute for Amer. Elm.

4 to 5 feet.....	\$1.00
6 to 8 feet.....	1.50

## ULMUS (Elm)

**American Elm**—Zone II. Damp. (Each) (50 or more)  
The most beautiful native tree.

6 to 8 feet.....	\$1.00	\$ .50
12 to 14 feet (1½").....	2.00	1.20
14 to 16 feet (2").....	3.00	2.00
2½ to 3 inch, caliper.....	6.00	2.50

### Vase (shaped) Elm. II.

8 to 10 feet.....	\$1.50	\$ .75
10 to 12 feet.....	2.00	1.00

### Moline Elm. II.

8 to 10 feet.....	\$1.50	\$ .90
10 to 12 feet.....	2.00	1.20



Ulmus Pumila

## THE CHINESE (OR SIBERIAN) ELM—Ulmus Pumila Zone III

Where screen or shade is wanted in a hurry—and yet permanent screen and pleasing shade—page the new Chinese Elm. Phenomenal tales of its speedy growth and hardiness are told and most of them strangely enough seem to be true. It has few troubles. The only one seems to be a distaste for heavy or poorly drained soils. It grows slowly on such land, and does best on sandy or dry situations. Each tree, upon planting, should be trimmed back. The trees offered below are grown for one season or more in New England and were raised from hardy North China Seed.

The tree is shapely and seems to be immune to nearly all the common diseases of trees. With the recent invasion of Dutch Elm disease this immunity is a distinct factor. In Siberia it is sheared for hedges and formal effects. A bushy compact grower.

	(Each)	(10)	(100)
6 to 8 feet.....	\$1.00	\$ 9.00	\$ 75.00
8 to 10 feet.....	1.25	11.00	100.00
10 to 12 feet.....	1.75	15.00	130.00
1½ to 1¾ inches... ..	2.25	20.00	175.00
1¾ to 2 inches... ..	3.00	27.00	250.00
2 to 2½ inches... ..	3.50	30.00	.....



# Climbing Shrub Aristocrats

## NEW CLEMATIS WITH HUGE FLOWERS

THESE new hybrids are not large—about 10 to 15 feet. Hardy in Zone V. They bloom from July to late September. Nothing can compare to their show of bright bloom over a long season. Prune in November. A light loamy soil with lime. Mulch in Autumn with manure for best flowering results next year.

**Jackmani**  
Rich violet. Color photo at left.

**Henryi**  
Huge creamy white flowers. Good bloomer.

**Mme. Andre**  
Bright red. Startling flowers freely borne.

PRICES: Strong 2-year vines \$1.00 each, \$9.00 per 10.

### TRUMPET VINE (*Bignonia*)

*Bignonia radicans* (Trumpet Creeper)—Zone V.  
Very lusty grower—to 60 feet. The huge scarlet trumpets borne freely from July to September. Humus. (Each) (10)  
3 year ..... \$ .60 \$ 5.00  
6 year (heavy) ..... 1.25 10.00

### CLIMBING HYDRANGEA

*Hydrangea petiolaris*—Zone V.  
Strong woody vine to 40 feet. The large leaves make a fine background for the clusters of fragrant white blooms in June and July. Fertilize, loose. (Each) (10) (100)  
4 inch pots ..... \$ .80 \$7.00 \$60.00

### CLIMBING PINK JASMINE

(*Stephanese*)  
A strong, hardy Climbing Shrub with fragrant flowers of soft, pale pink. Zone VI. Easy. (Each) (10)  
Strong plants ..... \$ .75 \$6.00

### THE BITTER-SWEET

*Celastrus scandens*—Zone IV.  
Climbs 25 feet. Noteworthy for its showy orange fruit from October through the whole winter. Native from New England to New Mexico. (Each) (10)  
3 year strong ..... \$ .50 \$4.00

*Celastris orbiculatus* (*articulata*)  
Hardy to Zone V. A much stronger grower—to 35 or 40 feet. Fruit not so red, but otherwise similar to above species. 2 year strong ..... \$ .50 \$4.00

## Weeping Japanese Wisteria

Not to be compared with ordinary Wisteria—nor even the fairly common Chinese Wisterias. These grafted types below are the Aristocrats of flowering Vines. Rare and unusual. Zone V. Loose, sun.

**Tree Form of Naga Noda**  
Japanese Wisteria grown to a single, stout stem to form a small, weeping shrub. (Each) (10)  
4 foot stems ..... \$10.00

**Grafted Chinese Wisteria**  
Blue color, shorter clusters than the Japanese Multijuga. Blooms come a little earlier. (Each) (10)  
Heavy 3 year... \$1.00 \$8.00

**Multijuga ("Long-cluster")**  
Purple racemes up to 2 feet long. (Each)  
3 year grafts ..... \$1.00

**Mult. rosea**—Pink flowers.  
2 year grafts ..... \$2.25

**Mult. Naga Noda**  
Astonishingly long purple clusters three to four feet long—to five feet on old specimens. Sensational. 1 year old grafts ..... \$2.00  
3 year old grafts (pots) ..... 5.00



# Evergreen Vines and Carpets

### EVERGREEN BITTERSWEET (*Euonymus*)

**E. rad. Vegetus**  
A form that grows 5 feet high—shrubby. Fruits very freely. Larger leaves. (Each) (10)  
2 year ..... \$ .35 \$3.00  
5 year (heavy) ..... .90 7.50

**E. rad. Kewensis**      **E. radicans**—Zone V.  
A miniature radicans. A strong self-clinging vine to 15 or 20 feet. Leaves ¼ inch across—tiny. Grows slowly. The best rock garden vine there is. Rich dark green. Pink fruit. October. (Each) (10)  
3 year ..... \$ .35 \$3.00  
4 in. pots .40 3.50  
2 year ..... \$ .35 \$3.00  
5 year (heavy) ..... .75 6.00

**ENGLISH IVY (*Hedera helix*)**  
Evergreen, strong grower. Excellent for shady positions, where it thrives best. Climbs 25 to 30 feet. Winter damages in Zone VI occasionally. 2¼ inch (10) (100) pots... \$1.20 \$8.00  
2 year, field... 1.50 9.00  
**New Hardy Baltic Ivy**—Zone V.  
A much harder form that does not suffer from winters in Zone V. Slightly smaller leaves. 2 inch (10) (100) pots... \$1.50 \$10.00  
4 inch pots... 5.00 40.00



### PACHYSANDRA TERMINALIS

A dense mat six inches high, the Pachysandra is indispensable where shade is too heavy to grow a good lawn. Plant close together for best results. It requires absolutely no attention. Zone V. (100) (1000)  
1 year light ..... \$ 5.00 \$40.00  
2 year clumps ..... 8.00 60.00  
3 year heavy ..... 12.00 95.00  
(25 or more at the rate per 100)

### CLIMBING HONEYSUCKLES

**Lonicera Japonica Halliana** (Hall's Jap. Honeysuckle). Zone V.  
Semi-evergreen, very fragrant, quick growing and very hardy, 20 to 25 feet. Excellent cover for walls and fences. Good ground cover. (10) (100)  
2 year (light) ..... \$ 7.00  
2 year (heavy) ..... \$2.50 24.00  
3 year (heavy) ..... 3.25 30.00

**Everblooming Honeysuckles** (*Lonicera Heckrotti*). Zone V.  
A twining vine that bears red and yellow blooms from July to September. (Each) (10)  
2 year ..... \$ .60 \$5.00

**SUN-ROSE (*Helianthemum*)**  
Spreading dwarf evergreens with small green leaves and showy flowers an inch or more across. Hardy in Zone V and thrive on dry, poor sun-baked slopes—forming dense covering mats. They bloom through June and July. Lime. **Buttercup**—Single yellow. } \$ .50  
**Fireball**—Double red. } each  
**Album plenum**—Double white. } 10 of one  
**Rhodanthe Carneum**—Single pink. } kind \$3.50

# Berries That Attract Birds

**B**Y PLANTING their natural food you can have your favorite birds with you all season. The table on this page gives varieties of trees and shrubs which by U. S. Government field observation are known to attract the more desirable birds. The total number of birds seen eating the fruit is given in the second column, except in a few cases where complete information is not yet available. Not only for attracting birds, but to keep them away from cultivated fields by providing natural food near at hand. For instance, a few Mulberry trees and Shadbush will prove a more attractive fare to birds than Cherry trees loaded with cultivated fruit in June. Write us for any detailed information you desire upon the subject. No obligation.

Desirable Kinds of Birds Most Fond of the Fruit	Shrub or Tree	See Page	Kinds of Birds Attracted	Fruiting Season	<b>PRICES OF BIRD-SHRUBS</b>
Yellow-shafted flicker, Baltimore oriole, cedar waxwing, catbird, hermit thrush, veery, robin . . . . .	Amelanchier (Juneberry) . . . . .	9	40	May to Sept.	Many of the Recommended Shrubs and Trees are priced and described on other pages of this <b>SHORT GUIDE</b> . See Index inside back cover. A few special bargains are listed below:—  (10) (100)
Meadow lark, brown thrasher . . . . .	Aronia (Chokeberry) . . . . .	9	13	All year	
Kingbird, red-eyed vireo, wood thrush, veery . . . . .	Benzoin (Spicebush) . . . . .	10	17	Sept. to April	<b>AMELANCHIER canadensis</b>
No data, but known to be exceedingly popular. . . . .	Berberis (Japan Barberry) . . . . .	10	..	Oct. to April	12 to 18 inches S. . . . . \$ 2.00 \$10.00 2 to 3 feet . . . . . 4.00 30.00
Yellow-bellied sapsucker, yellow-shafted flicker, cardinal, cedar waxwing, mocking bird, brown thrasher, robin, eastern bluebird . . . . .	Celtis (Hackberry) . . . . .	9	40	All Year	<b>ARONIA arbutifolia</b>
Ruffed grouse, pine grosbeak, purple finch, robin . . . . .	Crataegus (Hawthorn) . . . . .	4	33	Aug. to Mar.	10 to 15 inches S. . . . . 8.00 3 to 4 feet . . . . . 5.00 45.00
No data, very popular . . . . .	Celastrus (Bittersweet) . . . . .	8	..	Aug. to May	<b>CELTIS occidentalis</b>
Ruffed grouse, bobwhite, downy woodpecker, yellow-shafted flicker, red-shafted flicker, kingbird, evening grosbeak, pine grosbeak, purple finch, white-throated sparrow, song sparrow, cardinal, cedar waxwing, warbling vireo, red-eyed vireo, catbird, brown thrasher, hermit thrush, olive-backed thrush, gray-cheeked thrush, wood thrush, robin, eastern bluebird . . . . .	Cornus (Dogwood) . . . . .	4 and 10	86	July to Dec.	12 to 18 inches S. . . . . 8.00 4 to 5 feet . . . . . 14.00 70.00
No data, very popular . . . . .	Dirca (Leatherwood) . . . . .	9	..	May to June	<b>DIRCA palustris</b>
No data, very popular . . . . .	Diospyros (Persimmon) . . . . .	9	..	Aug. to Mar.	2 to 3 feet . . . . . 5.00 40.00
No data, very popular . . . . .	Euonymus . . . . .	8	..	Sept. to Mar.	<b>DIOSPYROS virginiana</b>
Pine grosbeak, chewink, robin . . . . .	Black Huckleberry . . . . .	9	35	July to Sept.	12 to 18 inches S. . . . . 4.00 5 to 6 feet . . . . . 12.00
Ruffed grouse, bobwhite, valley quail, yellow-bellied sapsucker, yellow-shafted flicker, cedar waxwing, mocking bird, catbird, brown thrasher, hermit thrush, robin, eastern bluebird . . . . .	Ilex (Holly) . . . . .	24 and 10	45	Sept. to May	<b>GAYLUSSACIA (Black Huckleberry)</b>
Yellow-shafted flicker, evening grosbeak, pine grosbeak, purple finch, cedar waxwing, myrtle warbler, mocking bird, robin, eastern bluebird . . . . .	Juniper (Red Cedar) . . . . .	15	39	June to April	Small plants . . . . . 2.00 12.00
Bobwhite, pine grosbeak, white-throated sparrow, catbird, mocking bird, brown thrasher, hermit thrush, robin . . . . .	Lonicera (Honeysuckle) . . . . .	8 and 11	15	All Year	<b>MYRICA (Northern Bayberry)</b>
Bobwhite, downy woodpecker, yellow-shafted flicker, eastern phoebe, meadow lark, chewink, tree swallow, white-eyed vireo, myrtle warbler, brown thrasher, catbird, Carolina wren, black-capped chickadee, hermit thrush, eastern bluebird . . . . .	Myrica (Bayberry) . . . . .	9	73	May to Aug.	6 to 12 inches S. . . . . 3.00 24.00 18 to 24 inches . . . . . 6.00 50.00
Yellow-billed cuckoo, red-headed woodpecker, red-bellied woodpecker, downy woodpecker, kingbird, Baltimore oriole, orchard oriole, cardinal, purple finch, scarlet tanager, cedar waxwing, red-eyed vireo, yellow warbler, mocking bird, catbird, wood thrush, robin . . . . .	Morus (Russian Mulberry) . . . . .	9	52	All year	<b>MORUS tartarica alba</b>
Ruffed grouse . . . . .	Mitchella (Partridgeberry) . . . . .	9	10	11 months	12 to 24 inches . . . . . 8.00
Yellow-shafted flicker, purple finch, cedar waxwing, gray-cheeked thrush, olive-backed thrush, robin . . . . .	Nyssa (Sour Gum) . . . . .	9	36	Sept. to June	<b>MITCHELLA repens</b>
Ruffed grouse, bobwhite, mourning dove, red-headed woodpecker, yellow-shafted flicker, kingbird, Bullock oriole, Baltimore oriole, orchard oriole, evening grosbeak, purple finch, rose-breasted grosbeak, black-headed grosbeak, Louisiana tanager, red-eyed vireo, cedar waxwing, mocking bird, catbird, brown thrasher, olive-backed thrush, wood thrush, robin, eastern bluebird . . . . .	Prunus (Cherry) . . . . .	6, 7 and 9	74	July to Nov.	Strong clumps . . . . . 2.00 8.00
Ruffed grouse, bobwhite, valley quail, downy woodpecker, red-bellied woodpecker, red-shafted flicker, yellow-shafted flicker, phoebe, gold-finch, golden-crowned sparrow, chewink, white-eyed vireo, Audubon warbler, mocking bird, catbird, California thrasher, brown thrasher, Carolina wren, black-capped chickadee, Carolina chickadee, wren-tit, hermit thrush, robin, eastern bluebird . . . . .	Rhus (Sumac) . . . . .	9 and 11	93	All year	<b>NYSSA sylvatica</b>
Ruffed grouse, sharp-tailed grouse, prairie chicken, bobwhite . . . . .	Wild Rose (Rosa) . . . . .	9	..	.....	12 to 18 inches S. . . . . 6.00 3 to 4 feet . . . . . 15.00 125.00
Bobwhite, kingbird, red-eyed vireo, catbird, veery, robin . . . . .	Sassafras . . . . .	9	18	July to Oct.	<b>PRUNUS (Wild Cherries)</b>
Red-headed woodpecker, Baltimore oriole, evening grosbeak, pine grosbeak, cedar waxwing, Bohemian waxwing, catbird, brown thrasher, robin . . . . .	Sorbus (Mt. Ash) . . . . .	7	14	Aug. to Mar.	Pennsylvanica (Bird Cherry) 12 to 18 inches S. . . . . 6.00 Serotina (Black Cherry) 12 to 18 inches S. . . . . 6.00
Very popular . . . . .	Sambucus (Elder) . . . . .	9	106	Aug. to Nov.	<b>RHUS glabra</b>
Sharp-tailed grouse, evening grosbeak, pine grosbeak, varied thrust . . . . .	Symphoricarpos (Coralberry) . . . . .	9 and 11	25	11 Months	12 to 18 inches S. . . . . 5.00 3 to 4 feet . . . . . 4.00 32.00
Ruffed grouse, valley quail, kingbird, orchard oriole, pine grosbeak, chewink, cedar waxwing, catbird, brown thrasher, black-capped chickadee, tufted titmouse, hermit thrush, robin, eastern bluebird . . . . .	Blueberry . . . . .	26	67	June to Sept.	<b>RHUS copallina</b>
Ruffed grouse, yellow-billed cuckoo, yellow-shafted flicker, purple finch, rose-breasted grosbeak, cedar waxwing, catbird, brown thrasher, robin, eastern bluebird . . . . .	Viburnum (Cranberry) . . . . .	9 and 12	28	11 Months	12 to 18 inches S. . . . . 5.00 2 to 3 feet (heavy) . . . . . 6.00 50.00

See also smaller sizes and other kinds listed in the green price list pasted inside the Front Cover.

# Choice Flowering Shrubs

VERY many shrubs are omitted—not good enough. We have them for sale, and will quote low bargain prices. Those listed on the following three pages are deserving of a place in every garden. A list of shrubs in large quantities (small sizes) will be found in the green list inside the front cover. Note low quantity prices on these pages.

## ALTHEA (Rose-of-Sharon)

This old favorite is of never-failing beauty and usefulness, for it *blooms in late July and August* when few other flowers are available. We offer the colors: Double Pink, Double Red and Double White. Zone V. Heavy soil.

	(Each)	(10)	(100)
2 to 3 feet.....	\$ .50	\$4.50	\$28.00
3 to 4 feet.....	.75	6.50	36.00

## BENZOIN (Spice Bush)

A large shrub to 10 feet covered with a mist of pale yellow flowers in April on the upright stems. Fragrant and spicy, like the leaves and the scarlet berries that follow. Zone V. Damp.

	(Each)	(10)	(100)
18 to 24 inches.....	\$ .40	\$3.50	\$25.00
2 to 3 feet.....	.50	4.00	36.00

## BARBERRIES

**Japanese Barberry (B. Thunbergi).** Zone IV.

The popular and well known hedge Barberry. Said to be the most valuable single shrub in cultivation.

	(10)	(100)
12 to 15 inches.....	\$1.50	\$ 6.00
18 to 24 inches.....	2.00	15.00
2 to 3 feet.....	2.50	20.00

**True Hedge Columnberry (B. Thun. erecta).** (Patent 110).

Just like Thunberg's Barberry but erect in growth. A fine dwarf hedge plant.

9 to 12 inch	\$3.00	\$25.00
15 to 18 inch	5.00	45.00
18 to 24 inch	7.00	60.00

(Special 1000 prieses)



Columnberry

**Redleaf Barberry (B. Thunbergi atropurpurea).** Zone V.

Leaves are purplish red all Summer, a unique note in the foliage scheme. New.

	(10)	(100)
12 to 15 inches.....	\$2.00	\$16.00
18 to 24 inches.....	3.00	22.50

## BUDDLEIA (Summer Lilac)

### Butterflybush

Graceful racemes of lilac-purple flowers in late Summer. Very rapid grower. Zone V. Drained soil.

	(10)	(100)
2 year plants.....	\$4.00	\$30.00

### Buddleia Ile de France

New French variety. More brilliant color. Racemes 6 to 9 inches long. Blooms July to late September. Zone VI.

	(Each)	(10)
Potted plants.....	\$ .30	\$2.50
Field Grown.....	.50	4.50



White Fringe

## WHITE FRINGE (Chionanthus virginica)

A tall growing shrub with lacy, snow white flowers which droop in panicles 4 to 6 inches long, and appear in May. Zone V. Damp, loose.

	(Each)	(10)	(100)
3 to 4 feet.....	\$1.00	\$ 9.00	\$60.00
4 to 5 feet.....	1.50	10.00	80.00

## CORNUS MAS (Cornelian Cherry)

Generally the first shrub to show color in Spring when that twiggy branches are covered in a yellow mist that gradually becomes brighter. Later the cherry-like fruits are attractive. 15 feet. Zone V.

	(Each)	(10)	(100)
2 to 3 feet.....	\$ .75	\$ 7.00	\$30.00
3 to 4 feet.....	1.00	9.00	40.00
4 to 5 feet.....	1.35	11.00	48.00

## CYDONIA (Japanese Quince)

A dwarf shrub, broad and dense with exceedingly bright red and scarlet flowers in early April. Lasting until May. Foliage is dark and rich. Zone V. Sun.

	(Each)	(10)	(100)
2 to 3 feet.....	\$ .50	\$4.50	\$30.00
3 to 4 feet.....	.60	5.00	45.00

## DAPHNE Mezereum

A small hardy shrub blooming long before the leaves appear. The stems are closely set with deep red, fragrant flowers. Enjoys partial shade. Zone IV. Sun, lime.

	(Each)	(10)	(100)
12 to 15 inches.....	\$ .50	\$4.50	\$40.00
18 to 24 inches.....	1.00	9.00	85.00

## ENKIANTHUS campanulatus

A beautiful ornamental shrub, with drooping racemes of short, yellowish or pale orange flowers which hang in clusters, during the month of May. The foliage is brilliant red in autumn. Zone V. Acid, humus.

12 to 18 inches.....	\$1.25	\$10.00	.....
18 to 24 inches.....	1.60	15.00	.....
2 to 3 feet.....	2.00	17.50	.....

## FORSYTHIA OVATA

Did your forsythia lose its buds last winter? Here is the answer—flowers are paler and a week or two later, but it is ironclad for hardiness.

	(Each)	(10)	(100)
18 to 24 inches.....	\$ .70	\$5.50	\$40.00

## FORSYTHIA SPECTABILIS

Sprays of frozen sunshine so early in the year that you hadn't realized Spring had arrived! This splendid new variety has more flowers and larger than older types. Zone V.

	(Each)	(10)	(100)
2 to 3 feet.....	\$ .50	\$4.00	\$25.00
3 to 4 feet.....	.60	5.00	30.00
4 to 5 feet.....	.75	6.00	50.00



Witch-Hazel Flowers

## HAMAMMELIS (Witch-Hazel)

### Vernalis

This splendid bush is covered with a show of fragrant yellow or red flowers—suggesting the Forsythia but one or two months earlier. The snow is usually still on the ground when the flowers open. A delicious fragrance. Hardy in Zone V.

We offer two types, grafted from specially selected—heavy blooming—specimens:—

	(Each)	(10)
<b>Red.</b> 15 to 21 inches, B. & B. ....	\$1.00	\$7.50
<b>Yellow.</b> 15 to 21 inches, B. & B. .	1.00	7.50

### Mollis (Chinese Witch-Hazel)

Every February this glorious shrub surprises us with its fragrant ribbon-like flowers of spun gold draped throughout the branches. Always a cheerful spot in a drab winterscape, even in zero weather. Handsome gray-green foliage. Happiest in slightly moist place. Hardy Zone V.

18 to 24 inches.....	\$1.50	\$10.00
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## WINTERBERRY (Ilex verticillata)

A very ornamental shrub with light green foliage and upright branches. Its bright scarlet berries are very decorative until Mid-winter. Zone IV. Damp.

	(Each)	(10)	(100)
1½ to 3 feet.....	\$ .50	\$4.50	\$40.00
2 to 3 feet.....	.60	5.00	45.00





Barberry



Philadelphus virginial



Kolkwitzia (Beauty Bush)

## KOLKWITZIA

### Beauty Bush

One of the finest of the newer shrubs, producing long sprays of graceful foliage. The flowers are a delicate pink, similar in shape to those of the Weigela. Although a rapid grower, it does not flower profusely until it becomes thoroughly established. Zone V. Sun; loose.

	(Each)	(10)	(100)
2 to 3 feet	\$0.60	\$5.00	
3 to 4 feet	.75	6.50	\$40.00

## KERRIA JAPONICA

### Globe-flower

A shrub with many upright green stems. The globular, showy, bright yellow flowers are freely borne from Spring to early Autumn. Zone V.

	(Each)	(10)
18 to 24 inches	\$0.50	\$4.50

## LONICERA FRAGRANT- ISSIMA (Bush Honeysuckle)

Very fragrant yellow white flowers in early Spring. Semi-evergreen; foliage lasting through December. Zone V.

	(Each)	(10)	(100)
2 to 3 feet	\$0.50	\$4.50	\$15.00
3 to 4 feet	.60	5.00	

## PHILADELPHUS VIRGINAL

For sheer white glowing beauty nothing can equal this shrub in June. Its flowers are large and double and the color is not dead, but so alive and glowing the petals seem almost as though lighted from within. The tips of the new shoots bear all Summer long. A wonderful variety. Zone V. Needs lime.

	(Each)	(10)	(100)
2 to 3 feet	\$0.50	\$4.50	\$28.00
3 to 4 feet	.60	5.00	34.00

## RHUS COTINUS

### Purple Fringe

This shrub which is sometimes called Smoke Tree, is of medium size and produces feathery flowers, which in late August assume the appearance of a cloud of smoke. Zone IV.

Drained.	(Each)	(10)
2 to 3 feet	\$0.75	\$6.00
3 to 4 feet	1.00	8.00

## SYMPLOCOS (Turquoise Berry)

Like a Hawthorne tree, but with blue berries. Flowers showy white in Spring. A charming variety. Zone V. Drained soil; acid.

2 feet	(Each)	\$3.00
--------	--------	--------

## SPIRÆA

### Trichocarpa (New Korean)

One of the best new Spiræas. Resembles *Vanhouttei*, but flowers a few weeks later, coming at a time when its beauty is much more useful. Zone V.

	(Each)	(10)	(100)
2 to 3 feet	\$0.40	\$3.60	\$26.00
3 to 4 feet	.50	4.50	32.00

### Anthony Waterer Spiræa

A dwarf shrub with pink flowers in July. Easy to grow and useful. Zone V.

	(Each)	(10)	(100)
18 to 24 inches	\$0.40	\$3.60	\$22.00
2 to 2½ feet	.50	4.50	28.00

## SYMPHORICARPOS

### Racemosa (Snowberry)

A shrub to 5 feet, covered in late Summer with white berries. For coarse borders. Zone IV. Heavy soil; lime.

	(Each)	(10)	(100)
2 to 3 feet	\$0.35	\$3.00	\$25.00
3 to 4 feet	.40	3.50	30.00



Forsythia intermedia spectabilis



Spiræa, Anthony Waterer



Tatarian Honeysuckle



Snowberry



Viburnum opulus



A garden of French Lilacs in Spring. A picture you can duplicate in your garden

## Among the Lilacs

THE Lilacs are noted for their Spring beauty and a long list of named varieties gives choice of color. In addition, however, we offer on the next page three kinds that bloom in late June, including the Japanese tree Lilac. The varieties listed below are grafted on Privet and each time they are transplanted have been set a little lower in the ground. When you plant them, set them deeply. This process gets them on their own roots without the expense and delay of other methods.

Culture: Lime; humus; fertilize; damp. (See page 2.)

### GRAFTED FRENCH LILACS

A gorgeous collection, including many rare kinds never before sold under \$1.00 or more. All hardy in Zone IV.

ONE PRICE: 1½ to 2 feet, 40 cts.

(S—Single; D—Double Flowers)

- Cavour—Slate blue. Dwarf habit. S.
- Charles Joly—Violet-purple. Tall. D.
- Charles X—Violet. Prolific. S.
- Descartes—Mauve. Prolific. Tall. S.
- Edith Cavell—Bold white cluster. D.
- Edouard Andre—Clear rose. D.
- Emile Gentil—Rare, cobalt-blue. D.
- Hugo Koster—Red-lilac. S.
- Jan van Tol—Purest white. Huge. S.
- Jean Mace—Huge mauve-blue. D.
- Katherine Havemeyer—Huge cobalt-blue, flushed mauve. Tall. Prolific. D.
- Lamartine—Big rosy mauve. S.
- Leon Gambetta—Early lilac-pink. D.
- Marechal Lannes—Blue-violet. S-D.
- Marie Legraye—Pure white. Free. S.
- Michel Buchner—Pale lilac. D.
- Mirabeau—Rosy lilac. Earliest. S.
- Miss E. Willmott—Imbricated white. D.
- Mme. Casimir-Perier—Dwarf white. D.
- Mrs. Edward Harding—Huge carmine. D.
- President Grevy—Large. Blue. Tall. D.
- Reaumur—Violet-carmine. Dwarf. S.
- Ruhm von Horstenstein—Open red, turn lilac. Large. Very fragrant. S.
- Souv. de Louis Spaeth—Violet. S.
- Waldeck-Rousseau—Long violet truss. D.

### SYRINGA VULGARIS

- Common White Lilac**  
Zone IV. Large-growing and spreading.
- |                  |        |        |         |
|------------------|--------|--------|---------|
|                  | (Each) | (10)   | (100)   |
| 2 to 3 feet..... | \$0.60 | \$5.00 | \$25.00 |
| 3 to 4 feet..... | .75    | 6.00   | 35.00   |
- Common Purple Lilac**  
Hardy Zone IV. Shrubs by suckers, into huge bushy clumps.
- |                  |        |        |         |
|------------------|--------|--------|---------|
|                  | (Each) | (10)   | (100)   |
| 2 to 3 feet..... | \$0.40 | \$3.00 | \$20.00 |
| 3 to 4 feet..... | .60    | 5.00   | 28.00   |

### LILAC SPECIES

- Hungarian (Josikæa)**  
Violet flowers in June. A bushy shrub. Zone V.
- |                  |        |        |         |
|------------------|--------|--------|---------|
|                  | (Each) | (10)   | (100)   |
| 2 to 3 feet..... | \$0.50 | \$4.50 | \$30.00 |
| 3 to 4 feet..... | .60    | 5.00   | 35.00   |
- Japanese Tree Lilac (Japonica)**  
Tall, well-shaped grower. Flowers creamy white in late June. This is a handsome tree. Hardy in Zone V.
- |                  |        |        |         |
|------------------|--------|--------|---------|
|                  | (Each) | (10)   | (100)   |
| 3 to 4 feet..... | \$1.00 | \$6.00 | \$40.00 |
| 4 to 5 feet..... | 1.50   | 8.00   | 60.00   |
- Late Lilac (Villosa)**  
Similar to Josikæa. A good shrub for June.
- |                  |        |        |         |
|------------------|--------|--------|---------|
|                  | (Each) | (10)   | (100)   |
| 3 to 4 feet..... | \$0.50 | \$4.50 | \$30.00 |
- Chinese (Rothomagensis; chinensis)**  
Slender, graceful branches terminate in compact clusters of purple-lilac flowers. This hybrid form is generally conceded as better than its parent Persica.
- |                  |        |        |         |
|------------------|--------|--------|---------|
|                  | (Each) | (10)   | (100)   |
| 2 to 3 feet..... | \$0.50 | \$4.50 | \$30.00 |
| 3 to 4 feet..... | .60    | 5.00   | 38.50   |

### LILAC CHASTE TREE

- Vitex Macrophylla.** Zone VI  
Lilac flowers from June to September.
- |                      |        |        |
|----------------------|--------|--------|
|                      | (Each) | (10)   |
| 18 to 24 inches..... | \$0.90 | \$7.00 |

### WEIGELA

- Eva Rathke**  
A remarkably free bloomer. The flowers, which are a rich, reddish purple, are very showy. Zone V. Sun.
- |                    |        |        |         |
|--------------------|--------|--------|---------|
|                    | (Each) | (10)   | (100)   |
| 2 to 3 ft. . . . . | \$0.50 | \$4.50 | \$40.00 |
| 3 to 4 ft. . . . . | .60    | 5.00   | 45.00   |
- Rosea**  
A tall-growing variety with fine rose-colored flowers which completely cover the plant in June. Zone V. Sun.
- |                    |        |        |         |
|--------------------|--------|--------|---------|
|                    | (Each) | (10)   | (100)   |
| 2 to 3 ft. . . . . | \$0.50 | \$4.20 | \$20.00 |
| 3 to 4 ft. . . . . | .60    | 5.00   | 32.00   |

## Viburnum

### Americana (Bush Cranberry)

More gorgeous in berry and fall leaves than the European, which it otherwise resembles.

	(Each)	(10)	(100)
2 to 3 feet.....	\$0.50	\$4.50	\$30.00
3 to 4 feet.....	.60	5.50	36.00

### Lantana (Wayfaring Tree)

A large-growing shrub with soft, heavy leaves. The large clusters of flowers in May are followed by red berries which turn black as they ripen. Zone V. Sun; loose.

	(Each)	(10)	(100)
18 to 24 inches.....	\$0.40	\$3.50	.....
2 to 3 feet.....	.50	4.00	\$30.00
3 to 4 feet.....	.60	5.00	35.00
4 to 5 feet.....	.75	6.00	40.00

### Lentago (Nannyberry)

A vigorous shrub with fragrant, creamy white flowers. The foliage is a glossy green and the fruits are bluish black. Zone V. Damp; shade.

	(Each)	(10)	(100)
2 to 3 feet.....	\$0.50	\$4.50	\$30.00
3 to 4 feet.....	.65	6.00	45.00

### Opulus (Bush Cranberry)

Handsome, broad foliage of a shiny dark green which changes to rich coppery tinge. The flowers are white and the fruit, which hangs in long, pendent clusters, is brilliant scarlet. Zone III. Sun; loose.

	(Each)	(10)	(100)
2 to 3 feet.....	\$0.45	\$4.00	\$30.00
3 to 4 feet.....	.50	4.50	35.00

### Plicatum (Double Snowball)

The bush grows in a picturesque manner, with the branches at right angles to the main stem. Flowers are white, often 3 inches across. The foliage is crimped and a dark green. Zone V.

	(Each)	(10)	(100)
2 to 3 feet.....	\$0.65	\$4.00	\$32.00
3 to 4 feet.....	.80	6.50	60.00

### Prunifolium (Black Haw)

A sturdy shrub to 12 feet. Interesting horizontal branchlets. Pure white bloom in May. Attracts birds. Zone V. Sun; loose.

	(Each)	(10)	(100)
18 to 24 inches.....	\$0.50	\$4.00	\$35.00
3 to 4 feet.....	.80	7.00	60.00

## MAY-FLOWERING VIBURNUM

### Carlesii

Resembling its namesake, the Mayflower, in fragrance and blossom, this shrub is a favorite wherever it is planted. The flowers appear with leaves in early May. It is a rather low-growing shrub, of dwarf habit and is specially desirable in the garden or shrub border. We have this variety in large quantities and offer strong, well-developed plants. Zone V. Color illustration below.

	(Each)	(10)	(100)
18 to 24 inches.....	\$0.75	\$6.50	\$60.00
24 to 30 inches.....	1.00	9.00	75.00
2½ to 3 feet.....	1.25	11.00	100.00
3 to 4 feet.....	1.50	13.50	125.00



Viburnum Carlesii

NOTE: 25 of one kind sold at these remarkably low 100 rates



1. *Retinospora obtusa gracilis*  
 2. *Retinospora pisifera*  
 3. *Retinospora plumosa*

4. *Retinospora squarrosa veitchi*  
 5. *Retinospora filifera*  
 6. *Sciadopitys verticillata*

7. *Cryptomeria Lobbi*  
 8. Hedge of *Retinospora plumosa*  
 9. *Cedrus atlantica glauca*

10. *Cedrus Libani*  
 11. *Cedrus deodara*  
 12. *Retinospora obtusa nana*

# Rare and Unusual Evergreens

## RETINOSPORA (CHAMAECYPARIS)

**T**HE *Retinospora* is hardier than most people think—being iron-clad in Zone V and suitable for use even in Zone IV. They grow fairly rapidly and the larger forms are entirely unsuited to “foundation” plantings—quickly growing into pyramidal trees twenty to thirty feet high. For this reason, we have particularly noted a few of the best dwarf forms below. All dislike lime.

**Pisifera (Sawara Cypress)**  
 25 feet. Pyramid shape. Foliage blueish green. Very hardy. III. (Each) (10) (100)  
 18 to 24 inches . . . . \$1.00 \$ 8.00 \$ 70.00  
 2 to 2½ feet . . . . 1.50 12.00 100.00  
 3 to 4 feet . . . . 2.00 18.00 150.00

**Pisifera aurea (Golden)**  
 Same as above, but with gold tipped branches. 18 to 24 inches . . . . \$1.00 \$ 8.00 \$ 70.00  
 2 to 3 feet . . . . 1.50 12.00 100.00  
 3 to 4 feet . . . . 2.00 18.00 150.00

**Plumosa (Plumed Cypress)**  
 25 feet. A tall pyramid with bright green foliage, quite dense. Very popular and useful. Zone IV.  
 1½ to 2 feet . . . . \$1.00 \$ 8.00 \$ 70.00  
 2 to 3 feet . . . . 1.50 12.00 100.00  
 3 to 4 feet . . . . 2.00 18.00 150.00  
 5 to 6 feet . . . . 3.00 27.00 250.00

**Plumosa aurea (Golden)**  
 Same as above with gold-tipped leaves.  
 1½ to 2 feet . . . . \$1.00 \$ 8.00 \$ 70.00  
 2 to 3 feet . . . . 1.50 12.00 100.00  
 3 to 4 feet . . . . 2.00 18.00 150.00  
 5 to 6 feet . . . . 3.00 27.00 250.00

**Veitch's Silver Cypress (R. Squarrosa Veitchi)**  
 15 to 20 feet. A very dense wide pyramid with beautiful silvery blue foliage, with a feathery soft texture. Zone (IV). (Each) (10) (100)  
 15 to 18 inches . . . . \$1.00 \$ 8.00 \$ 70.00  
 18 to 24 inches . . . . 1.50 12.00 95.00  
 2 to 3 feet . . . . 2.00 15.00 130.00

### DWARF FORMS

Dwarf *Retinospora* are mostly very slow growing, compact and dense. Any good soil and at least part sunlight.

**Obtusa nana (Dwarf Hinoki)**  
 Smallest and densest. Looks ancient when 12 inches high. Grows to 2 or 3 feet. Rich green. Zone IV.  
 8 to 12 inches . . . . \$2.00 \$17.00 \$ 95.00  
 12 to 18 inches . . . . 3.00 27.00 . . . .  
 2½ to 3 feet . . . . 10.00 90.00 . . . .

**Lutescens (Golden Dwarf)**  
 A low, broad bush to 3 or 4 feet. Branches tipped sulphur. Zone IV.  
 12 to 15 inches . . . . \$1.00 \$ 8.00 \$ 70.00  
 18 to 24 inches . . . . 1.75 14.00 120.00  
 3 to 3½ feet . . . . 2.50 22.50 . . . .

**Filifera (Thread-Branched Cypress)**  
 10 to 15 feet. String-like drooping foliage. Good green color. Zone IV. A spreading fountain.  
 18 to 24 inches . . . . \$1.50 \$12.00 \$100.00  
 2 to 3 feet . . . . 2.00 15.00 130.00  
 3 to 4 feet . . . . 2.75 22.50 200.00

**Filifera aurea (Golden)**  
 Beautiful yellow in Spring. Dwarfier than above.  
 18 to 24 inches . . . . \$2.00 \$17.00 . . . .

## TRUE CEDAR (*Cedrus*)

**Cedar of Lebanon (*Cedrus Libani*). Zone VI.**  
 Large tree, with wide-spreading, horizontal branches. Round headed. Its beauty is historic, and the variety is of peculiar interest for its religious associations. The soft, pleasing foliage is unique. Gray-green in color. (Each)  
 2 to 3 feet, B. & B. . . . . \$1.50  
 3 to 4 feet, B. & B. . . . . 3.00

**Hardy Type (Arnold Arboretum). Zone V.**  
 18 to 24 inches . . . . . \$6.00

***Cedrus Atlantica glauca* (Blue Atlas Cedar)**  
 A beautiful evergreen with silvery blue needles. Makes a very striking lawn specimen. Perfectly hardy in Zone VI. (Each) (10) (100)  
 18 to 24 inches . . . . \$1.50 \$12.50 \$100.00

***Cedrus deodara* (Indian Cedar)**  
 Nice pyramid when young. Majestic tree when older. Zone (VI) and VII. (Each)  
 2 to 3 feet . . . . . \$1.50  
 3 to 4 feet . . . . . 2.00  
 5 to 6 feet . . . . . 4.00

## CRYPTOMERIA

**C. Lobbi (Hardy Variety). Zone V.**  
 15 to 20 feet. Picturesque, narrow and compact column. Rich bronze in Winter. This is unlike any other hardy evergreen in appearance. The Lobbi variety is much harder than the ordinary *Cryptomeria*.  
 1 yr. grafts, 10 to 12 inches . . . . . \$ .90  
 2 yr. grafts, 12 to 15 inches . . . . . 1.20  
 3 yr. grafts, 18 to 24 inches . . . . . 1.70  
 4 to 5 feet (specimen) . . . . . 2.50

## SCIADOPITYS (Umbrella Pine)

**S. verticillata.**  
 20 to 25 feet. The needles are whorled like ribs of an umbrella. Beautiful narrow pyramid. Slow. Must be drained. (Each) (10) (100)  
 8 to 10 inches, XX. . . . \$ 4.00 \$ 24.00  
 12 to 15 inches, XX. . . . 5.00 36.00  
 12 to 15 in., B. & B. \$1.25 9.50 65.00  
 15 to 18 in., B. & B. 1.60 14.50 110.00

**Lawson's Triumph of Boskoop Cypress**

A tall column of blue, interesting, yet easily grown. Zone VI. (Each) (10)  
 18 to 21 inches . . . . . \$1.25 \$10.00



Douglas Fir (*Pseudotsuga*)

Veitch's Fir—8 feet

Two fine Concolor Firs

Sargent's Weeping Hemlock

Three old Nikko Firs

*Tsuga canadensis*

Nikko Fir—8 to 10 feet

# The Firs and Hemlocks

THESE vigorous upright trees are the most glorious in our coniferous forests. The needles are not stiff as with a spruce, but soft and flattened and, better yet, the Hemlock and the Firs are much longer lived—retaining even their lowest branches to a ripe old age in the proper situation. Most Firs like dry soil—well drained and the Hemlock likes shelter from heavy winds. They are both very quick growing. Unsurpassed for single specimens or for massed plantings.

## Tsuga—The Hemlock

### American Hemlock (*T. Canadensis*). IV.

60 to 70 feet with drooping spreading foliage. Makes a beautiful hedge and can be easily pruned. Do not plant in windy, exposed situations. The foliage is black green and form graceful. It is hardy and easily grown. One of the very finest of our native conifers. Humus.

**Special Hedge Grade:** 18 to 36 inches XX, at \$250.00 per 1000.

	(Each)	(10)	(100)
18 to 24 inches.....	\$1.00	\$ 8.00	\$ 70.00
2 to 3 feet.....	1.50	12.50	100.00
3 to 4 feet.....	2.25	18.00	.....
4 to 5 feet.....	3.50	32.50	200.00
5 to 6 feet.....	5.00	45.00	420.00

**Special:** 3 to 4 feet, \$80.00 per 100.

### DWARF FORMS

#### Sargent's Weeping Hemlock (*T. Can. Sargentii*). Zone IV.

	(Each)
A beautiful spreading green mound.	
1 yr. grafts, 12 to 15 inches, B. & B....	\$1.00
2 yr. grafts, 15 to 18 inches, B. & B....	1.50
3 yr. grafts, 18 to 24 inches, B. & B....	2.25

#### Dwarf Hemlock (*T. Can. Compacta*). Zone IV.

1 yr. grafts, 8 to 10 inches.....	\$1.00
2 yr. grafts, 10 to 15 inches.....	1.25

#### Fremdi Hemlock (*T. Can. fremdi*)

Like <i>Picea glauca conica</i> . Dark green.	
1 yr. grafts.....	\$1.50
2 yr. grafts, 4 to 6 inches.....	2.00

### Carolina Hemlock (*T. Caroliniana*)

Hardy to Zone V but ideally adapted to extremes of heat and cold. Makes a dense specimen 40 feet high with striking shadows from the drooping branches. Damp, acid.

	(Each)	(10)	(100)
18 to 24 inches.....	\$1.25	\$10.00	\$ 90.00
2 to 3 feet.....	1.75	15.00	110.00
3 to 4 feet.....	4.00	30.00	250.00

### THE DOUGLAS FIR

#### (*Pseudotsuga taxifolia*). Zone IV.

A dense bushy pyramidal tree of good color growing to 60 or 70 feet in height. Likes rich but well drained soil. A superb native tree equally at home on lawns and in forests.

**Special Size for Screen plantings:** 15 to 18 inches XX, bushy, \$120.00 per 1000.

	(Each)	(10)	(100)
2 to 3 feet.....	\$1.80	\$16.00	.....
4 to 5 feet.....	20.00	\$180.00	.....
5 to 6 feet.....	25.00	200.00	.....
6 to 7 feet.....	30.00	230.00	.....
7 to 8 feet.....	36.00	250.00	.....

## The True Firs (*Abies*)

### Silver Fir (*A. Concolor*). Zone IV.

40 to 50 feet. Dense pyramidal shape, foliage silver to steel blue. Makes a splendid specimen. Drain well.

	(Each)	(10)	(100)
10 to 12 inches XX.....	.....	.....	\$ 20.00
2 to 3 feet.....	\$1.50	\$10.00	80.00
3 to 4 feet.....	3.25	32.50	250.00

### Nikko (*A. homolepis*). Zone IV.

60 feet. The dark green leaves are silvery white beneath. Stately and classic. Damp loam.

2 to 3 feet.....	\$2.00	\$17.50	.....
3 to 4 feet.....	2.50	22.50	.....
4 to 5 feet.....	3.00	27.50	\$250.00

### Veitch's Fir (*A. Veitchii*). III.

50 to 60 feet. Long dark green needles. Narrow pyramidal tree. Soft texture. Damp loam.

18 to 24 inches.....	\$1.60	\$15.00	\$100.00
2½ to 3 feet.....	2.50	22.50	175.00
3 to 4 feet.....	3.50	33.00	250.00

### Balsam Fir (*Abies balsamea*)

Hardy in Zone II, this species prefers cold weather and should not be planted in the south. Likes moist soil, unlike most other Firs. Heavily fragrant needles.

15 to 18 inches.....	\$1.10	\$ 8.00	\$ 60.00
18 to 24 inches.....	1.50	12.00	80.00
4 to 5 feet.....	3.00	25.00	200.00

### SMALLER SIZES BY THE THOUSAND FOR FORESTRY

The green list inside the front cover should not be overlooked. Fine young plants are priced there for economy. They are not, of course, shapely cared-for specimens as are the trees on these pages, but will in time become so. Write us for species or varieties not listed. We can usually quote.



Old "Pfitzers"      *Virginiana Keteeleri*      A mass of *Virginiana Kosteri*      Red Cedar      Chinese Juniper      *Chinensis*      *Communis*  
*Squamata Meyeri*      Spread of *Chinensis Sargenti*      *Communis*      *Canadensis* (Native)      (*virginiana*)      (*Chinensis*)      *Grayii*  
*Sabina* (Savin)      *Sabina tamariscifolia*      *Excelsa*      *hibernica*      *Chinensis procumbens*      Pfitzer's (*Chinensis Pfitzeriana*) Specimen  
Foreground of *Depressa plumosa*      *stricta*      (Irish)      ("Japonica")

### THE DWARF JUNIPERS

**Common Golden Juniper (J. Canadensis Aurea).** IV. Damp.

(Each)

3 to 4 feet. Dwarf, spreading, fine golden color.  
 12 to 15 inches.....\$1.00

**Trailing Juniper (J. Chin. procumbens) (Japonica).**

Robust and dense in growth. Gray-green. Zone IV.

12 to 15 inch spread.....\$2.00  
 18 to 24 inch spread..... 3.00

**J. Depressa Plumosa (Andorra).** III.

Variety of Ground Juniper with feathery foliage.

12 to 15 inches.....\$ .90  
 15 to 18 inches..... 1.25  
 21 to 24 inches, extra bushy..... 1.75

**J. Kosteri (Silver Dwarf).** III.

A horizontal form of Red Cedar. Pendulous dwarf. Loose soil.

12 to 15 inches.....\$1.25  
 15 to 18 inches..... 1.50  
 18 to 24 inches..... 2.00

**J. Litoralis (Conferta) (Shore Juniper)**

A prostrate mat. Keeps green in winter. Excellent for banks on the ocean front. Zone V.

10 to 15 inches.....\$ .75  
 15 to 18 inches..... 1.00

**J. Sargenti.** Zone IV.

Color and type like Pfitzer's but flat and very dwarf.

12 to 15 inches, B. & B.....\$1.25

**Creeping Juniper (J. Sabina Tamariscifolia)**

18 to 24 inches high—4 to 8 foot spread. Blueish-green foliage. IV.

15 to 18 inches.....\$2.50

# The Junipers (*Juniperus*)

Culture: Plenty of sun and drainage required as a rule.

## SILVERY PFITZER'S JUNIPER

(*J. Pfitzeriana*). Hardy in Zone IV.

4 to 5 feet. This is a gorgeous dwarf. It makes a compact bush as broad as it is high and with soft green spreading foliage that is like a silver cloud in Spring and early Summer. Thrives under difficult city conditions.

	(Each)	(10)	(100)
12 to 15 inches.....	\$ .75	\$ 7.00	\$ 60.00
15 to 18 inches.....	1.00	9.00	80.00
18 to 24 inches.....	1.50	12.00	100.00
2 to 3 feet.....	2.00	15.00	120.00
4 to 5 feet.....	6.00	45.00	.....

**Savin Juniper (J. Sabina).** IV.

4 to 5 feet. Irregular shape. Dark green foliage. Spreading branches.

12 to 15 inches.....	\$1.00	\$ 8.00	\$ 70.00
18 to 24 inches.....	1.50	12.00	110.00

**J. Meyeri (Purple Tips).** V.

Upright to about 5 feet—dense foliage—unusual color.

15 to 18 inches.....	\$1.25	\$10.00	\$ 80.00
18 to 24 inches.....	1.75	15.00	120.00

**Red Cedar (J. Virginiana).** Zone II.

20 to 30 feet. A tall slender column of dark green, dense and bushy. Much used as an accent plant but also excellent in mass and field planting. Loose soil.

	(Each)	(10)	(100)
4 to 5 feet.....	\$2.00	\$17.00	.....
5 to 6 feet.....	2.50	20.00	\$170.00

**Blue Cedar (J. Virgin. Glauca)**

15 to 20 feet. Silver gray foliage—vigorous. Zone II.

2 to 3 feet.....	\$2.00	\$17.00	.....
3 to 4 feet.....	2.50	20.00	\$100.00
4 to 5 feet.....	3.30	30.00	150.00

**Pyramidal Chinese Juniper.** Zone VI.

Tall, thin spire of silver. Unique.

18 to 24 inches.....	\$1.50	\$12.00	\$100.00
3 to 4 feet.....	3.00	20.00	180.00
6 to 7 feet.....	8.00	.....	.....

**Greek Juniper (excelsa stricta)**

Zone V. 4 to 5'. A dense blue upright—fat and satisfying.

12 to 15 inches.....	\$1.10	\$ 9.00	\$ 80.00
18 to 21 inches.....	1.60	14.00	120.00

## GRAY'S BLUE COLUMN JUNIPER

*Juniperus communis* GRAYII. (Plant Patent No. 54). Zone IV.

A quick grower, a foot or so a year when young; reaching a height of eight feet or more. The original tree is now seven feet high and only fifteen inches through. Hardier than Irish Juniper. Long, striking needles of silver blue.

### PRICE POSTPAID

12 to 18 inches, B. & B., \$3.25 (Postpaid East of Mississippi).

### QUANTITY PRICES

	(10)	(100)
12 to 18 inches, B. & B. .	\$22.50	\$200.00
18 to 24 inches, B. & B. .	30.00	300.00

(Not prepaid—shipping extra)



1. Engelmann Spruce  
2. Omorika Spruce  
3. White Spruce

4. (Dwarf) Nidiformis  
5. Pygmy Spruce  
6. Norway Spruce

7. (Dwarf) Alberta Spruce  
8. (Dwarf) Maxwell's Spruce  
9. Colorado and Koster Spruce

# Picea—The Spruces

Culture: Moist, rich soil. Easily grown.

**T**HE Spruces are a hardy and tolerant race and range from the well-known Norway Spruce to such types as Koster's Blue and, on the other side of the scale, the dwarf Spruces.

## THE NORWAY SPRUCE

(*Picea excelsa*) (*P. Abies*). Zone II.

50 to 70 feet. At maturity a tall dark green pyramid with pendulous almost weeping branches. The root system is shallow and for that reason Norway Spruce can be planted in thin soils, over hard-pan or bed rock. Its great popularity attests its fundamental virtues.

	(Each)	(10)	(100)
18 to 24 inches . . . . .	\$ .80	\$ 6.00	\$ 50.00
2 to 3 feet . . . . .	1.00	8.00	70.00
3 to 4 feet . . . . .	2.00	14.00	100.00

(Larger sizes priced on request)

## THE WHITE SPRUCE

(*Picea alba*). Zone I.

This variety makes a shapely pyramidal tree and is one of the quickest growing spruces, being exceeded only slightly by the Norway Spruce. In New England generally it proves more satisfactory than this latter variety and forms a much denser and more perfect specimen.

18 to 24 inches . . . . .	\$1.00	\$ 8.00	\$ 70.00
2 to 3 feet . . . . .	1.75	12.00	90.00
3 to 4 feet . . . . .	3.00	16.00	130.00

## THE BLUE SPRUCES

**The Colorado Spruce (*Picea Pungens*)** produces both green and blue trees from its seed. The best of the blue trees are selected and sold as **Colorado Blue Spruce**. We offer the following carefully selected specimens. All are of a definite blue color, although not as uniform in tone as Koster's Blue Spruce. Zone II.

	(Each)	(10)	(100)
18 to 24 inches . . . . .	\$2.00	\$18.00	.....
2 to 3 feet . . . . .	3.50	30.00	\$300.00
3 to 4 feet . . . . .	5.50	45.00	400.00

**Koster's Blue Spruce** is a grafted form of the above. It is a better and more enduring color. Pictured at the right. Zone II.

10 to 15 inches . . . . .	\$2.00	\$17.50	\$150.00
15 to 18 inches . . . . .	2.70	25.00	200.00
18 to 24 inches . . . . .	3.00	30.00	250.00
2 to 2½ feet . . . . .	4.00	35.00	330.00
2½ to 3 feet . . . . .	5.00	45.00	400.00
3 to 3½ feet . . . . .	6.00	55.00	475.00
5 to 6 feet . . . . .	15.00	.....	.....

**P. Moerheimi (Moerheim's blue)**. Zone II. New. Slightly better color than Koster's.

	(Each)
3 yr. grafts, 10 to 15 inches . . . . .	\$1.60
4 yr. grafts, 15 to 18 inches, bushy . . . . .	2.20

### Evergreens in Smaller Sizes

will be found in the green price-list pasted inside the front cover. Some special bargains will be found on the back cover.

## Serbian Spruce (*P. Omorika*)

Hardy to Zone IV. Perhaps the finest specimen Spruce. Slow in growth forming a dense narrow pyramidal tree to 100 feet. White stripes on the needles give a silvery effect.

	(Each)	(10)
12 to 15 inches . . . . .	\$1.75	\$15.00
18 to 24 inches . . . . .	3.00	27.00

## Englemann Spruce (*P. Engelmanni*)

Zone I. 75 to 100 feet. Heavy soil. A wonderful native, better blue in some cases than Colorado Spruce. Dense, shapely growth.

24 to 30 inches . . . . .	\$2.75	\$25.00
3 to 4 feet . . . . .	4.00	35.00

## DWARF SPRUCES FOR ROCK GARDENS

### *P. Maxwelli* (Maxwell Dwarf)

Broad, dense growth to 2 feet high. Pale green, sharp needles.

6 to 8 inches . . . . .	\$2.00	\$16.00
15 to 18 inches, B. & B. . . . .	5.00	40.00

### *P. nidiformis*

A mound of tiny, stiff branchlets—very dwarf to about 3 feet spread.

6 inch spread . . . . .	\$1.25	\$ 9.00
10 to 12 inch spread . . . . .	2.75	25.00

### *P. glauca conica* (Dwarf Alberta)

Tiny moss-like needles and dense growth, hugging the ground. Grows slowly and never above 3 or 4 feet. Zone III.

10 to 12 inches . . . . .	\$1.50	\$12.50
15 to 18 inches . . . . .	2.50	22.50

### *P. Pygmaea* (Pygmy S.)

Compact, ideal for rock gardens.

6 to 8 inches, B. & B. . . . .	\$1.25	\$11.00
10 to 12 inches, B. & B. . . . .	2.00	18.00



1. Ancient White Pine  
 2. Red Pine (*resinosa*)  
 3, 4. White Pine planting  
 5. Excelsa (Bhotan or Himalaya)  
 6. *Pinus cembra*  
 7. Austrian Pine  
 8. Japan Red (*densiflora*)  
 9. Table Pine (*Tanyosho*)  
 10. *Pinus strobus nana*  
 11. *Pinus strobus*  
 12. Mugho Pine  
 13. Scots Pine  
 14. Red Pine (*Resinosa*)

# Pinus—The Pines

Culture: Loose or sandy. Barren. (Scotch—acid.) (Austrian—lime).

## THE AUSTRIAN PINE. IV

This variety of the Black Pine is perhaps the best of the European pines. Properly named *Pinus nigra* var. *italica*, it is called in commerce *Pinus Austriaca*. It is hardy, fast growing and succeeds in a wide variety of soil—even along beaches subject to the salt spray of the sea. It is much used as a wind break on estates near the ocean, but is equally adapted for forestry planting. Single specimens and groups for ornaments make a magnificent appearance.

	(Each)	(10)	(100)
2 to 3 feet.....	\$2.00	\$15.00	\$100.00
3 to 4 feet.....	3.00	25.00	200.00
4 to 5 feet.....	4.00	35.00	300.00
5 to 6 feet.....	5.50	40.00	375.00

## THE WHITE PINES

The "5-needled" group is subject to a blister rust. In garden conditions this is not a serious drawback. But quarantines restrict shipping. On this page a \* means priced for New York and New England shipments only.

### White Pine (*P. strobus*). Zone IV.

60 to 100 feet. The finest native. Soft-looking needles and majestic spread. Good soil. Small sizes priced in the green list in front of this guide. Larger sizes quoted on request.

### \*Swiss Stone Pine (*P. Cembra*). Zone IV.

Very slow growing, though ancient specimens become 50 feet high or more. Narrow and neat.

	(Each)
10 to 12 inches, 2 year grafts, B. & B. . .	\$1.00
12 to 15 inches, 3 year grafts, B. & B. . .	1.50
15 to 18 inches, B. & B. . . . .	2.25

### \*Ayacahute (Mexican white Pine)

1 yr. 6 to 10 inch grafts, B. & B. . . . . \$1.00

## DWARF PINES

### Mugho Pine (*Pinus Montana*, *Mughus*)

6 to 8 feet. A dense low-spreading evergreen, being a variation from the Mountain Pine of Europe. One of the finest dwarfs. Since it is a variation, the strain of seed used is of the utmost importance. We try to have all out Mugho Pine real dwarf forms, raised from selected seed. This year we offer an unusual bargain.

	(Each)	(10)	(100)
15 to 18 inches . . . . .	\$1.25	\$ 9.00	.....
18 to 24 inches . . . . .	1.50	13.50	\$ 65.00
2 to 2½ feet . . . . .	3.00	20.00	100.00

### Japanese Table Pine (*P. densiflora umbraculifera*) (*Tanyosho*)

Dwarf to ultimately 8 feet. Umbrella head. Interesting. Hardy in Zone IV.

	(Each)
6 to 8 inches, 1 year grafts . . . . .	\$1.00
12 to 15 inches . . . . .	1.50
15 to 18 inches . . . . .	2.00

### \**Parviflora glauca* (Japanese Silver Pine)

Pale blue green needles. Low wide spreading, picturesque. Zone V.

18 to 24 inches, B. & B. . . . . \$2.00

### *P. sylvest. Wateriana* (Blue Dwarf)

Very rare and choice. Zone II.  
 1 yr. grafts, 4 to 6 inches, B. & B. . . . . \$1.00

### \**Strobus pyramidalis*

Rare dwarf upright form. Zone III.  
 1 yr. 6 to 8 in. grafts, B. & B. . . . . \$1.00

### Dwarf White Pine (\**Strobus nana*). Zone IV.

A ball of green ultimately 4 or 5 feet through. Unique.

4 to 6 inches, 1 year grafts . . . . .	\$ .90
6 to 8 inches, 2 year grafts . . . . .	1.25
8 to 10 inches, 3 year grafts . . . . .	1.75

## THE RED (NORWAY) PINE

The *Pinus Resinosa* is probably the one most popular evergreen for all purposes. It is a native to the Eastern parts of the country and absolutely hardy. Its name is taken from the town of Norway, Maine.

As a specimen, it grows into a tall, spreading, imposing tree, and is very long lived. The bark is red. This variety is notable because of its freedom from most insect pests. Zone I.

	(Each)	(10)	(100)
2 to 3 feet . . . . .	\$1.00	\$ 9.00	\$ 85.00
3 to 4 feet . . . . .	2.00	18.00	100.00
4 to 5 feet . . . . .	3.00	25.00	175.00
5 to 6 feet . . . . .	4.50	40.00	300.00

## SCOTCH PINE (*P. Sylvestris*)

A large-growing tree hardy in Zone I. Singularly free from insect troubles. Will grow in very poor soil, sand or gravel. Must have drainage.

2 to 3 feet . . . . .	\$1.00	\$ 9.00	\$ 70.00
3 to 4 feet . . . . .	2.00	18.00	150.00
4 to 5 feet . . . . .	3.00	25.00	170.00
8 to 10 feet . . . . .	10.00	90.00	450.00

### Japanese Red Pine (*P. Densiflora*). Zone IV.

40 to 60 feet. Long bright green needles. An open headed tree, densely branched. Good for seashore planting.

3 to 4 feet . . . . .	\$2.50	\$22.50	\$150.00
4 to 5 feet . . . . .	3.50	30.00	250.00
5 to 6 feet . . . . .	5.00	42.50	300.00



1. Rosenthal's  
2. *Orientalis compacta*  
3. Tom Thumb Arborvitae

4. *Orientalis aurea nana*  
5. Hovey's Arborvitae  
6. Warreana (Siberian)

7. Pyramidal Arborvitae  
8. Globe Arborvitae  
9. Golden Tip Arborvitae  
10. The type—*Thuja occidentalis*

11. Vervean's Arborvitae  
12. "Little Gem" (dwarf)  
13. Douglas' Arborvitae

## The Arborvitae (*Thuja*)

THE American Arborvitae is the one dwarf and medium size group of evergreens which prefers the wind and cold, the snow and ice, of winter in the extreme north. For this reason, it is an important group to gardeners in Zones II, III, and IV. Arborvitae grows in any good soil and even withstands poor drainage. For best results it should be sheared neatly every summer, being careful to keep the bottom broader than the top. The Canadian Experimental Stations have proved it to be the best evergreen hedge for the north. There is a large assortment of varietal forms in different colors, shapes, and sizes.

### AMERICAN ARBORVITAE

(*T. Occidentalis*). II.

15 to 20 feet. Narrow pyramidal tree. Dark green foliage. Excellent as a hedge and special prices on sizes for this purpose listed in back of the book.

	(Each)	(10)	(100)
2 to 3 feet.....	\$1.00	\$ 8.00	\$ 70.00
3 to 4 feet.....	1.50	14.00	100.00
4 to 5 feet.....	1.75	16.00	150.00
5 to 6 feet.....	2.75	25.00	180.00
6 to 7 feet.....	4.00	37.50	250.00

Douglas Pyramid (*T. occ. douglassi*)

Zone IV. 20 to 25 feet. Narrow column.

18 to 24 inches.....	\$1.25	\$ 8.00	\$ 70.00
4 to 5 feet.....	2.50	20.00	180.00

Golden Tip (*T. occ. elegantissima*)

The tips of the new growth are golden yellow during summer and autumn.

2 to 3 feet.....	\$1.50	\$12.00	\$100.00
3 to 4 feet.....	2.00	17.00	150.00

Globe (*T. occid. globosa*). Hardy in Zone II.

This splendid globe-shaped Arborvitae maintains itself well under all conditions. It holds its shape without trimming. A good bedding variety.

12 to 15 inches.....	\$1.00	\$ 8.00	\$ 70.00
15 to 18 inches.....	1.50	12.00	100.00

Hovey's (*T. occ. hoveyi*)—Zone III.

A dwarf, globose, egg-shape form. Hardy and neat. Foliage rather a light green.

15 to 18 inches.....	\$1.25	\$10.00	\$ 90.00
18 to 24 inches.....	1.65	14.00	130.00

Pyramidal Arborvitae. II.

This is perhaps the one best type of American Arborvitae or White Cedar. Its characteristics are clearly indicated in the group photograph. Very hardy. Ideal for formal narrow hedges, for which purpose we offer a special size:

	(Each)	(10)	(100)
2 to 3 feet.....	\$1.00	\$ 8.00	\$ 70.00
3 to 4 feet.....	1.50	14.00	100.00
4 to 5 feet.....	2.00	19.00	150.00

Tom Thumb Arborvitae (*Ellwangeriana*)

A low, broad pyramid. Two kinds of leaves give a feathery appearance.

12 to 15 inches....	\$1.00	\$ 8.00	\$ 70.00
15 to 18 inches....	1.25	10.00	80.00
24 to 36 inches....	2.00	17.00	150.00

Vervean (*T. occid. vervaeniana*). II.

A very hardy variety which is broad, bushy and pyramidal. The foliage varies from a light gray-green to a yellowish green. On account of its extreme hardiness, it should be used more extensively in foundation groupings having a bleak exposure.

2 to 3 feet.....	\$1.00	\$ 8.50	\$ 75.00
3 to 4 feet.....	1.75	15.00	100.00

Siberian (*T. occ. wareana*)—Zone II.

Conical in outline, it forms a broad, dense bush. The foliage is much different from other Arborvitae, being much heavier and deeply crested. It is one of the hardiest and its slow habit of growth makes it useful for foundation planting.

12 to 15 inches....	\$1.00	\$ 7.00	\$ 65.00
18 to 24 inches....	1.50	12.00	110.00

Little Gem (*T. occ. Little Gem*)—Zone III.

One of the few Arborvitae which is a true dwarf. The foliage is dark green. An ideal dwarf evergreen for the rock garden.

	(Each)	(10)
8 to 12 inches.....	\$1.50	\$12.00
12 to 15 inches.....	2.00	16.00
15 to 18 inches.....	2.50	20.00

### ORIENTAL ARBORVITAE (*Biota*)

(*T. Orientalis*)—Hardy to Zone VI (V)

A fast growing columnar tree 12 to 25 feet. The flat, edge-wise foliage turns a rich bronze in winter.

	(Each)	(10)	(100)
18 to 24 inches..	\$1.00	\$ 7.00	\$ 60.00
2 to 3 feet....	1.25	10.00	80.00
3 to 4 feet....	1.50	13.00	100.00

*T. Orientalis compacta*

A form of the above that is bushier and broader and grows less tall. Very satisfactory where hardy.

15 to 18 inches..	\$1.10	\$ 9.00	\$ 80.00
18 to 24 inches..	1.50	13.00	120.00
24 to 30 inches..	1.80	16.00	150.00

(*T. Or. aurea nana*) Golden Dwarf

A gorgeous little dwarf of rich, lush growth and color. A delight to see in Spring and Winter.

12 to 15 inches..	\$1.20	\$ 9.00	\$ 75.00
15 to 18 inches..	1.50	14.00	100.00
18 to 21 inches..	2.00	18.00	140.00





Specimen Japanese Yew—Tree Form

Hedge of Upright Japanese Yew Specimens  
 Old Specimen Dwarf Japanese Yew T. Cuspidata—Spreading  
 Hick's Yew (Media)  
 American Yew (Canadensis)

Two Old Irish Yew Specimens  
 T. Cusp. Columnaris T. Cusp. Intermedia  
 English Yew (Baccata) Dwarf Japanese  
 Spreading English Yew (T. B. repandens)

# The Yew (*Taxus*)—Finest Conifer

## JAPANESE YEW (*Cuspidata*)

### Japanese Yew (Spreading Form), V.

The most common form. A spreading bush, about twice as wide as high. Very hardy. Responds eagerly to shearing as for a hedge, although the upright form is better for this purpose.

	(Each)	(10)	(100)
12 to 15 inches . . . . .	\$1.00	\$ 8.00	\$ 60.00
15 to 18 inches . . . . .	1.25	10.00	90.00
18 to 24 inches . . . . .	1.50	14.00	125.00

### Tree Japanese Yew (*Capitata*)

Here is the best Yew for hedges—raised from seed.

	(Each)	(10)	(100)
12 to 15 inches . . . . .	\$.75	\$ 6.75	\$ 55.00
15 to 18 inches . . . . .	1.25	9.00	80.00
24 to 30 inches . . . . .	2.00	18.00	150.00
30 to 36 inches . . . . .	2.75	26.00	250.00

SPECIAL HEDGE GRADE	
(Roots packed in moss; no earth)	
12 to 15 inches . . . . .	\$30.00 per 100
18 to 24 inches . . . . .	60.00 per 100

### Dwarf Japanese Yew (*T. Cusp. nana*) ("brevifolia"). Hardy in Zone V.

Extremely slow growing and with denser, shorter needles than ordinary Japanese Yew. The one finest rock garden specimen—picturesque form. A hardy substitute for Dwarf Boxwood.

	(Each)	(10)	(100)
8 to 12 inches . . . . .	\$1.00	\$ 6.00	\$ 50.00
10 to 12 inches . . . . .	1.25	8.50	80.00
12 to 15 inches . . . . .	1.50	12.50	120.00
15 to 18 inches . . . . .	2.00	18.00	125.00

## VERMEULEN'S YEW

### (*T. cuspidata* *Pyramidalis*). Zone V.

Another of Vermeulen's introductions. Compact and upright. We prefer this to Hicksi for the same purpose.

	(Each)
12 to 15 inches . . . . .	\$1.25
18 to 24 inches . . . . .	3.00
2½ to 3 feet . . . . .	8.00

### Improved Japanese Yew (*T. cuspidata* intermedia), V.

A cross between the Japanese and dwarf Japanese. We offer two forms, the type—intermedia—and an upright form—columnaris.

	(Each)	(10)	(100)
12 to 15 inches . . . . .	\$2.00	\$18.00	\$150.00
15 to 18 inches . . . . .	2.50	22.50	200.00
24 to 30 inches . . . . .	4.50	42.00	375.00

### T. Cusp. Inter. columnaris, V.

15 to 18 inches . . . . .	\$1.50	\$13.50	\$120.00
18 to 24 inches . . . . .	2.00	18.00	150.00
2 to 3 feet . . . . .	2.50	22.50	200.00

## ENGLISH YEW (*T. baccata*)

Two varieties below are hardy in Zone VI.

### Spreading English (*repandens*)

Very dwarf low spreading form.

9 to 12 inches . . . . .	\$1.25	\$10.00	\$ 80.00
12 to 15 inches . . . . .	1.60	14.00	100.00
15 to 18 inches . . . . .	2.00	18.00	.....

### Irish Yew (*bac. hibernica*)

Fine dense pillar.

9 to 12 inches . . . . .	\$1.50	\$12.00	\$100.00
12 to 15 inches . . . . .	2.50	23.00	200.00
15 to 18 inches . . . . .	4.00	35.00	300.00

## AMERICAN YEW

### T. Canadensis

A dwarf spreading evergreen. Almost fern-like in spread. A good border edging. Zone II.

15 to 18 inches . . . . .	\$1.50	\$14.00	\$120.00
18 to 24 inches . . . . .	2.50	20.00	170.00

### Upright American Yew (*T. Canad. stricta*)

Dense ascending branches give this hardiest of all Yews a new shape and new uses. II.

8 to 10 inches . . . . .	\$.75	\$ 7.00	\$ 60.00
10 to 12 inches . . . . .	1.00	8.50	75.00
12 to 15 inches . . . . .	2.00	15.00	.....

## HYBRID YEW (*T. Media*)

A cross between Japanese and English Yews. Hardy in Zone IV or V. There are hundreds of varietal forms—the best known being:

### Hick's Upright Yew (*T. M. Hicksii*)

Strong upright pyramidal, fine for hedges.

	(Each)	(10)	(100)
12 to 15 inches . . . . .	\$1.10	\$ 9.00	\$ 80.00
18 to 24 inches . . . . .	1.90	15.00	135.00
24 to 30 inches . . . . .	3.00	28.00	265.00



## KELSEY'S BERRYBUSH YEW

(*Taxus media* *Kelseyi*). Zone V.

The first of the new yews to be propagated from the point of view of its showy red fruit. Named after this company by its originator, John Vermeulen of Long Island. Fairly slow, dense. Dark green needles of the *brevifolia* type. Upright bush. Full of berries even in small sizes.

	(Each)
18 to 24 inches . . . . .	\$3.00
2 to 2½ feet . . . . .	5.00
Small potted cuttings . . . . .	10 for 3.00

# Deciduous Azaleas

Culture: See Rhododendrons on page 23.



## AZALEA MOLLIS

Flowers in shades of red, yellow and orange are produced in large clusters in May and June. A hardy variety, Zone VI (V). We offer mixed colors:

	(Each)	(10)	(100)
4 to 6 inches.....	\$ 1.50	\$12.50	
12 to 15 inches.....	\$1.00	6.50	50.00
15 to 18 inches.....	1.25	8.00	70.00
18 to 24 inches.....	1.50	10.00	90.00

### Hugo Hardyzer

A hybrid of above. Brilliant scarlet.  
10 to 12 inches.....\$1.25 \$10.00 .....  
12 to 15 inches..... 1.50 13.50 .....

### Miss Louise Hunnewell

Hybrid with salmon-yellow flowers.  
4 to 6 inches X..... \$ 5.00 \$40.00  
15 to 18 inches.....\$3.00 \$25.00 .....  
18 to 24 inches..... 4.00 35.00 .....

### J. C. Van Tol

Clear, vivid red.  
4 to 6 inches X..... \$ 3.50 \$20.00  
8 to 12 inches, B. & B.\$1.00 9.00 .....

## NATIVE AZALEAS

(All Nursery grown B. & B.)

### Azalea, Sweet (A. arborescens). Zone V.

The flowers which are white, tinged with pink, appear in June and July. Very fragrant.

	(Each)	(10)
12 to 18 inches.....	\$2.00	\$18.50
1½ to 2 feet.....	2.50	.....

### Azalea, Piedmont (A. canescens). Zone IV.

A vigorous growing variety with pale pink or whitish flowers. Very fragrant.

15 to 18 inches.....	\$1.50	\$14.00
18 to 24 inches.....	2.00	18.00

### Azalea, Flame (A. calendulacea). Zone V.

The gayest and most brilliant of the Azaleas, with flowers of orange-yellow or flame-red, which appear before the leaves.

15 to 18 inches.....	\$2.00	\$17.50
1½ to 2 feet.....	2.50	22.50
2 to 2½ feet.....	3.00	27.50

### Azalea, Pinxterbloom (A. nudiflora). Zone IV.

Rosy-pink or whitish blooms, of sweet fragrance are produced in great profusion. Attractive Fall foliage.

12 to 18 inches.....	\$1.50	\$14.00
1½ to 2 feet.....	2.00	18.00

### Azalea, Pinkshell (A. vaseyi). Zone V.

A tall-growing shrub bearing rosy-white flowers in April before the leaves appear. Dark colored foliage in the Fall.

15 to 18 inches.....	\$2.50	\$20.00
18 to 24 inches.....	3.00	25.00
2 to 3 feet.....	4.00	35.00

### Zzalea, Swamp (A. viscosa). Zone IV.

The last Azalea to bloom, producing late June or July, fragrant white flowers.

15 to 18 inches.....	\$1.00	\$ 9.00
18 to 24 inches.....	1.25	11.50
2 to 3 feet.....	2.00	18.50

For small sizes see green list.

## ARNOLDIANA AZALEAS

Delightful Hybrids (Kaempferi X Amoena). Hardy in Zone V, by the late Mr. Dawson of the Arnold Arboretum. They make large bushy shrubs, bloom plentifully in full sunlight, are evergreen south of Philadelphia. Altogether a wonderful addition to the race of hardy Azaleas.

**Briarcliffe**—Deep, rich reddish-pink.

**Cardinalis**—Dark red. New leaves with blooms.

**Dexter's Pink**—Bright, glistening pink. Fine.

**Early Dawn**—Soft pink, fading silvery.

**Mello-Glo**—Cerise pink, suffused golden.

**Mossieana**—Rich orchid. Strong grower.

Price on any variety:	(Each)	(10)	(100)
2-inch pots.....	\$ 3.00	\$25.00	
2 year XX (beds)...	.75	5.00	40.00
12 to 15 inch, B. & B.	1.50	12.50	.....

## FOREIGN AZALEAS

### Altaclarene

Fine old favorite. Large bloom of brilliant yellow.

	(Each)	(10)	(100)
4 to 8 inches X.....	\$ 3.50	\$25.00	
8 to 12 inches XX.....	4.25	35.00	
18 to 21 inches, B. & B	\$4.00	37.00	.....

### Korean Azalea (A. poukhanensis). Zone V.

A low-growing variety, producing pale, lilac-purple flowers in great profusion.

6 to 8 inches X.....	\$ 3.00	\$20.00
10 to 12 inches.....	\$1.00	8.00
12 to 15 inches.....	1.50	12.00
18 to 24 inches.....	3.00	20.00
		180.00

### Azalea Yodogawa. Zone V;

Rosy-lilac in May. Variety of Poukhanensis.  
3 year XX beds..... \$ 5.00 \$40.00  
12 to 15 inches.....\$2.00 17.00 .....

### Royal Azalea (Schlippenbachi). Zone V.

Clear rose. A gorgeous shrub.  
6 to 8 inches X..... \$ 2.00 \$17.00  
10 to 12 inches.....\$1.25 10.00 80.00

### Azalea pontica (luteum). Zone V.

Fragrant yellow flowers.  
2 to 4 inches X..... \$ 1.30 \$10.00  
21 to 24 inches.....\$3.50 .....

### Azalea mucronulatum. Zone V;

Rosy-purple flowers in April.  
6 to 8 inches X.....\$ .50 \$ 3.00 \$25.00  
12 to 15 inches..... 1.50 13.00 .....

## TORCH AZALEAS

(A. Kaempferi). Zone V.

A handsome tall-growing variety with flowers which vary from orange-red to salmon-pink. It thrives in partial shade and is one of the most showy Azaleas. Bloom in May.

	(Each)	(10)	(100)
3 to 4 inches X.....	\$1.30	\$10.00	
4 to 6 inches X.....	1.50	12.00	
6 to 8 inches X.....	2.50	20.00	
8 to 12 inches, B. & B\$	.75	6.00	50.00
12 to 15 inches, B. & B	.90	7.50	65.00

### Kaempferi Hybrids (See List Below).

A beautiful new race, with Malvatia blood. Hardy Zone V. Almost evergreen.

**Alice**—A large brilliant orange-red.

**Atalanta**—Large purple. Vigorous.

**Betty**—Brilliant rosy-pink.

**Carmen**—Bushy. Large rosy flowers.

**Cleopatra**—Old-rose. Upright, vigorous.

**Fedora**—Huge salmon-rose. Lusty.

**Graetchen**—Beautiful clear mauve.

**Kathleen**—Very large deep rose.

**Lakme**—Compact. Salmon-rose.

**Louise**—Huge pale rose. Tall.

**Martha**—Mauve-pink. Flat dwarf.

**Mary**—Large deep pink.

**Mignon**—Delicate pale rose.

**Mikado**—"Hinodigiri" red. Tall.

**Norma**—Clear, bright pink. Slow.

**Othello**—Brick-red.

**Purple King**—Good purple. Lusty.

**Thais**—Compact. Brilliant pink.

**Willy**—Pure clear soft pink.

**Zampa**—Strawberry-red. Loose.

### Prices on above Hybrids

	(Each)	(10)	(100)
2 year XX field.....	\$ .50	\$3.25	\$27.00
3 year XX field.....	.70	5.25	42.00
8 to 12 inch, B. & B..	1.00	8.00	.....
12 to 15 inch, B. & B..	1.25	10.00	.....



A large planting of Azalea Kaempferi types



The new Azalea Amoena Coccinea is the nearest thing to a hardy, perfect, dwarf, flowering evergreen.



Azalea Macranthum



Mossicana

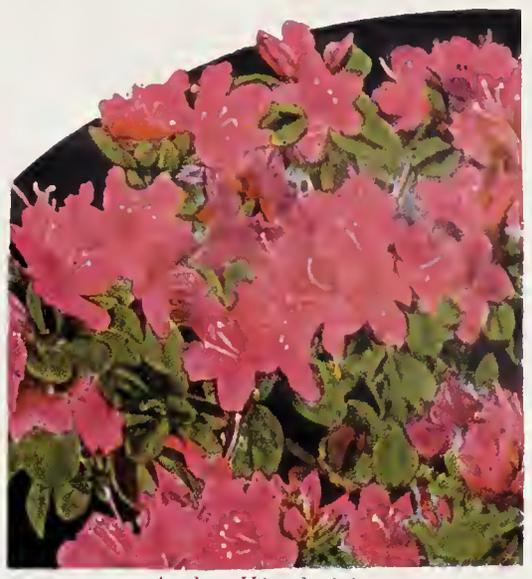


Azalea Ledifolia (Indica alba)

A fine upright shrub, not dwarf like all other evergreen Azaleas. Much faster in growth.



Kurume Flowers



Azalea Hinodegiri

# Evergreen Azaleas

Culture: Medium shade; acid; loose; humus. (See page 2.)

## JUNE AZALEAS

### A. Macranthum

The type species is a dwarf bush with large showy red flowers in June. Really evergreen. Absolutely hardy. Zone V.

**J. T. LOVETT.** A fine variety of the above. Double salmon-red blooms.

**MACRANTHUM FLORE-PLENO.** Similar to above but not quite so full in bloom. Only two smallest sizes available.

	(Each)	(10)	(100)
2-year XX (field beds)	\$2.50	\$20.00	
3-year XX (field beds)	\$0.50	3.50	30.00
6 to 8 inch, B. & B.	1.25	10.00	80.00
8 to 10 inch, B. & B.	1.50	12.00	95.00
10 to 12 inch, B. & B.	1.75	15.00	125.00

## New U. S. D. A. Macranthums

Released by our Department of Agriculture after tests. Still new. Order by number. All evergreen. June blooming.

SIZES	(10)	(100)
A. 2-inch pots	\$1.50	\$12.00
B. 2-year XX (beds)	2.50	20.00
C. 3-year XX (field)	3.50	30.00
D. 6 to 8 in., B. & B.	\$1.00	8.00
E. 8 to 10 in., B. & B.	1.50	12.50
F. 10 to 12 in., B. & B.	2.00	17.50
G. 12 to 15 in., B. & B.	2.50	20.00

**Beni Kirishima (77113).** Semi-double; old-rose. Sizes: A,B,C,D,E,F,G.

**Hinohakama (77126).** (New.) Rose-purple. Sizes: A,B,E.

**Ho-oden (77112).** Large, double, pink blooms, edged white. Sizes: A,B,G.

**Illuminata (78378).** Rosy purple. Growth like Amoena. Sizes: A,B.

**Kacha-no-Kawa (77077).** Large; dark pink. Probably a garden hybrid. Sizes: A,B,E.

**Koraini (77137).** Red blotches on rose. Probable hybrid (8 stamens). Size: A only.

**Macrantha (78380).** Deep salmon. Compact. Narrow leaves. Sizes: A,B,C,D.

**Macrantha (78382).** Rich orange. Sizes: A,B,C,E,F.

**Macrostemon (77690).** Small leaves. Salmon-red blooms; long stamens. Like Obtusum, but in June. Sizes: A,B,E,G.

**Osakazuki (77094).** Large; rose-pink. Sizes: A,B,C,D,E,F.

**Satsuki (77087).** Pink, dark blotch. Sizes: A,B,C,D,E,F.

**Satsuki (77104).** Deep rose. Sizes: A,B,C,D,E,F.

**Satsuki (77105).** Rosy purple. Sizes: A,B,E,F.

**Tama-no-Ito (77107).** Light rosaline purple. Possible hybrid. Sizes: A,B,D,E,F,G.

**Warai Gishi (77132).** Free, upright growth. Deep rose-pink. Sizes: A,B,C,D,E,F,G.

## AZALEA LEDIFOLIA

### Mucronatum

**Indica alba.** Unlike all other evergreen Azaleas, growth is open and free. Flowers in May. Evergreen; hardy in Zone V.

**Ledifolia rosea (magnifica).** Like the above, but rose flowers.

**Suishoren (77131).** Almost double. A darker pink than Hinamayo. A new U.S.D.A. introduction. Only two smallest and two largest sizes available.

Prices of above 3 varieties.

	(Each)	(10)	(100)
2-inch pots	\$2.00	\$16.00	
2-year XX (beds)	3.00	25.00	
3-year XX (beds)	4.00	35.00	
8 to 10 inch, B. & B.	\$1.30	10.00	90.00
10 to 12 inch, B. & B.	1.60	14.00	120.00
12 to 15 inch, B. & B.	2.00	17.00	150.00

## KURUME AZALEAS

The showiest of all evergreen Azaleas. Absolutely covered with blooms. Generally dwarf and bushy, good evergreen foliage. Hardy in Zone VII, though Zone VI is all right in normal winters.

SIZES	(Each)	(10)	(100)
A. 2-inch pots	\$2.50	\$20.00	
B. 2-year XX (beds)	\$0.50	3.50	30.00
C. 3-year XX (beds)	.60	4.00	35.00
D. 6 to 8 in., B. & B.	1.20	10.00	
E. 8 to 10 in., B. & B.	1.50	12.00	
F. 10 to 12 in., B. & B.	1.75	15.00	
G. 12 to 15 in., B. & B.	2.50		

**Apple Blossom.** Pinkish white. Size: B.

**Avalanche.** Large; pure white. Sizes: A,B.

**Bouquet Rose.** Rose-pink. Sizes: A,B.

**Bridesmaid.** Salmon-pink. Sizes: A,B,C,G.

**Cattleya.** Orchid-white. Sizes: A,B,C,D.

**Charles Encke.** Light pink. Sizes: A,B.

**Cherry Blossom.** Dainty pink. Sizes: A,B,C,G.

**Christmas Cheer.** Bright red. Sizes: A,B,C,D.

**Coral Bells.** Dainty shell-pink. Sizes: A,B.

**Daybreak.** Pure light pink. Sizes: A,B,C,G.

**Delicatissima.** Lilac-white. Sizes: A,B.

**Flame.** Madder-red, copper. Sizes: A,B,C,D,E.

**Hexe (Firefly).** Crimson. Sizes: A,B,C,D.

**Hortensia.** Soft pink; large. Sizes: A,B.

**Kirishima (Damask Rose).** Sizes: A,B,C.

**Lavender Queen.** Lavender. Sizes: A,B,C.

**Lorraine.** Large; deep rose. Sizes: A,B,C,D.

**Mauve Beauty.** Free flowering. Sizes: A,B,C.

**Morning Glow.** Pink, striped rose. A,B,C.

**Orange Queen.** Deep orange. Sizes: A,B,C.

**Peachblow.** Light pink. Sizes: A,B,C.

**Pink Pearl.** Salmon-rose. Sizes: B,C,D,E.

**Salmon Beauty.** Clear pink. Sizes: A,B,C,G.

**Salmon Queen.** Salmon-pink. Sizes: A,B,C.

**Salmonea.** Clear pink. Sizes: A,B,C.

**Snow.** The best white. Size: A only.

**Sunstar.** Rose-pink, striped. Sizes: A,B,C.

**Sweet Briar.** Rose-pink. Sizes: A,B,C,D,E,F.

**Vesuvius.** Salmon-red, blotched. Sizes: A,B,C,G.

## HARDY JAPANESE AZALEAS

Heavy flowers on dwarf, dense, bushy plants in April and May. All succeed in Zone VI and the Amoena in Zone V.

**AMOENA.** Flowers rosy purple, in dense masses. Hardy Zone V.

	(Each)	(10)	(100)
2-year XX (beds)	\$2.00	\$15.00	
3-year XX (beds)	\$0.50	3.00	25.00
6 to 8 inch, B. & B.	.80	6.00	50.00
8 to 10 inch, B. & B.	1.00	8.00	70.00
10 to 12 inch, B. & B.	1.20	10.00	80.00
12 to 15 inch, B. & B.	1.50	12.00	100.00
15 to 18 inch, B. & B.	2.00	16.00	140.00

**AMOENA COCCINEA.** (New.) Hardy as Amoena. Brilliant fiery red. One authority thinks it will displace Hinodegiri.

	(Each)	(10)	(100)
2-inch pots	\$1.50	\$12.00	
2-year XX (beds)	2.50	20.00	
6 to 8 inch, B. & B.	\$1.20	10.00	80.00
8 to 10 inch, B. & B.	1.50	12.00	100.00
10 to 12 inch, B. & B.	1.70	14.00	120.00
12 to 15 inch, B. & B.	2.00	17.00	150.00

**BENIGIRI.** Flowers bright deep red. Compact grower with narrow leaves.

	(Each)	(10)	(100)
2-inch pots	\$2.00	\$16.00	
2-year XX (beds)	2.50	20.00	
3-year XX (beds)	\$0.50	3.50	30.00
6 to 8 inch, B. & B.	1.20	10.00	

**HINODEGIRI.** Flowers brilliant scarlet, produced profusely. Probably the most popular Azalea grown.

	(Each)	(10)	(100)
2-inch pots	\$1.50	\$12.00	
2-year XX (beds)	2.50	20.00	
3-year XX (beds)	\$0.50	3.50	30.00
6 to 8 inch, B. & B.	.80	6.00	50.00
8 to 10 inch, B. & B.	1.00	8.00	70.00
10 to 12 inch, B. & B.	1.20	10.00	80.00
12 to 15 inch, B. & B.	1.50	12.00	100.00

**HINOMAYO.** Flowers a beautiful soft pink. Resembles Hinodegiri in habit of growth.

	(Each)	(10)	(100)
2-inch pots	\$2.00	\$15.00	
2-year XX (beds)	2.50	20.00	
3-year XX (beds)	\$0.50	3.50	30.00
8 to 10 inch, B. & B.	1.50	12.00	100.00
10 to 12 inch, B. & B.	1.80	15.00	

**MAXWELLI.** Flowers large, carmine-red. Broad, compact grower; hardy. The true variety is scarce.

	(Each)	(10)	(100)
2-year XX (beds)	\$3.00	\$25.00	
3-year XX (beds)	\$0.50	4.00	
6 to 8 inch, B. & B.	1.20	10.00	

**YAYEGIRI.** Beautiful salmon-red. Narrow, intense green foliage.

	(Each)	(10)	(100)
2-inch pot-plants	\$2.00	\$14.00	
2-year XX (beds)	2.50	20.00	
3-year XX (beds)	\$0.50	3.50	30.00
6 to 8 inch, B. & B.	1.20	10.00	80.00
8 to 10 inch, B. & B.	1.50	12.00	100.00
10 to 12 inch, B. & B.	1.70	15.00	120.00

# Flowering Evergreens



*Abelia grandiflora*

## THE EVERBLOOMING ABELIA

### Abelia Grandiflora (Arbutus Bush).

White bell-shaped blooms in profusion over a period of about eleven weeks—June to September. This is one of our finest flowering shrubs. Needs no pruning other than pinching the ends of the shoots to make them branch. Leaves rich bronze in Winter. North of New York this is not entirely evergreen, though hardy to Zone V. Sun. 5 feet.

	(Each)	(10)	(100)
2 to 3 feet . . . . .	\$0.80	\$7.00	\$60.00

## DAPHNE CNEORUM

A beauty of massed blossoms in May and again in September—delicious fragrance that makes these plants a delight to own. It is thoroughly hardy in Zone V; entirely evergreen; fragrant; grows to a height of about 12 to 15 inches and spreads to twice that in width; dense-growing and compact; thrives in any good soil, but needs a sunny location.

We offer a special strain that has a few blooms intermittently throughout the Summer. Color illustration below.

	(Each)	(10)	(100)
6 to 9-inch spread . . .	\$0.60	\$5.00	\$40.00
9 to 12-inch spread . . .	.75	7.00	55.00
12 to 15-inch spread . . .	1.00	9.00	75.00
15 to 18-inch spread . . .	1.50	13.50	120.00



*Daphne cneorum*

## HEATHER (Calluna Vulgaris)

Flowers from July to September. Purple. Acid; loose; sun; humus. (10) (100)  
 1-year clumps . . . . . \$3.00 \$25.00  
 2-year clumps . . . . . 4.00 35.00  
 3-year clumps . . . . . 6.00 50.00

### Named Varieties of Heather.

- Aurea. Golden leaves. Pink flowers.
- Alporti. Crimson. Tall-growing.
- Alba. Early. White.
- Minor. White. Dwarfish.
- Hammondi. White. Robust.
- Hypnoides. Low spreading. Late; pink.
- Multiplex. Double; pink.

The above varietal forms priced:

	(10)	(100)
1-year clumps . . . . .	\$3.00	\$25.00
2-year clumps, heavy . . . . .	4.00	35.00



*Rhododendron Dresselhuys*

## HARDY HEATH (Erica)

### Spring Heath (Erica carnea)

Low evergreen with rosy red flowers from February until May. (10) (100)  
 1-year plants . . . . . \$3.00 \$25.00  
 2-year clumps, heavy . . . . . 4.00 35.00

### Cornish Heath (E. vagans)

Spreading shrub to 1½ feet high. Dense pinkish flowers from July to October.

	(10)	(100)
1-year plants . . . . .	\$3.00	\$25.00
2-year clumps, heavy . . . . .	4.00	35.00

### Hybrid Heath (E. darleyensis)

Low evergreen. Blooms with its parent (Carnea) but flowers are deeper rose.

	(10)	(100)
1-year plants . . . . .	\$3.00	\$25.00
2-year clumps, heavy . . . . .	4.00	35.00

### Trailing Arbutus (Epigaea repens).

Famous native dwarf. Easy to grow from potted plants. Acid soil and shade-loving.

	(Each)	(10)	(100)
Plants in 3-inch pots . . .	\$0.60	\$5.50	.....
Collected clumps . . . . .	.....	.....	\$10.00



*Rhododendron Roseum Elegans*

## LEIOPHYLLUM (Sand Myrtle)

### Buxifolium (Evergreen). Zone V.

A charming dwarf—neat and pretty. Acid; loose. (Each) (10) (100)  
 8 to 10 inches . . . . . \$0.75 \$6.00 \$40.00

## HARDY FIRETHORNS

### Pyracantha Coccinea Lalandi.

Brilliant orange-red berries lasting until January. Hardy in New England in sheltered positions. 8 to 10 feet. Zone VI.  
 18 to 24 in., 4-in. pots, 75 ets. each, \$6 for 10, \$50 per 100.  
 2 to 3 ft., 5-in. pots, \$1 each, \$8 for 10, \$70 per 100.

## Leucothoe Catesbaei

Leaves turn bronze in Winter. Hardy in Zone V.

12 to 15 in., \$1 each, \$9 for 10. 15 to 18 in., \$1.25 each, \$12 for 10.

Photograph at right. Flowers in early spring. Fragrant.



*Leucothoe Catesbaei*

## PACHISTIMA CANBYI Canby Pachistima

A very long-growing evergreen shrub which makes a dense dark green carpet. The flowers are small and are a dark red. Suitable for the rockery or edging in partial shade. Zone V.

	(Each)	(10)	(100)
6 to 8-inch clumps . . . . .	\$0.75	\$6.00	\$50.00

## WRINKLE-LEAF VIBURNUM Viburnum rhytidophyllum

Striking, wrinkled, bright evergreen leaves. Pink-white flowers and red fall fruit. A dense, large shrub that keeps its bright green well all Winter. Zone V.

	(Each)
12 to 15 inches, B. & B. . . . .	\$0.75
18 to 24 inches, B. & B. . . . .	1.20

# Hardy Rhododendrons

## GRAFTED HYBRIDS

- SIZES**                      **VARIETIES**
- ABCDEF—M—**Album elegans**—V—white. Late.  
 ABCDEF—**America**—V—deep red.  
 ABCDEF—M—**Amphion**—V—pink, white eye.  
 ABC—**Boule de Nieve**—V—early white dwarf.  
 ABCDE—**Caractacus**—V—deep crimson.  
 ABCDEF—M—**Catawbiense album**—V—white native.  
 ABCDEF—M—**Catawbiense grandiflorum**—VI—rose.  
 AB—**Charles Dickens**—V—dark red. Spotted.  
 B—**Delicatissima**—V—pink-white. Late.  
 ABCDEF—**Dresselhuys**—V—fine analine red.  
 ABCDEF—**Dr. H. V. Rutgers**—V—fiery red.  
 ABD—**E. S. Rand**—V—rich scarlet.  
 ABCDEF—M—**Everestianum**—V—compact lilac-rose.  
 F. L. Ames (Amphion).  
**Grandiflorum** (Parson's Grand).  
 E—**H. W. Sargent**—V—late red.  
 ABCDEF—**Ignatius Sargent**—V—good rose.  
 ABC—**Kettledrum**—V—rich crimson.  
 ABCDEF—M—**Lee's Dark Purple**—V—good purple.  
 AB—**Maximum roseum**—IV—June pink. Native.  
 ABCDEF—M—**Mrs. C. S. Sargent**—V—best strong pink.  
 AB—**Mrs. D. Den Ouden**—V?—compact crimson.  
 ABDE—**Old Port**—VI—rich plum color.  
 ABCD—**Parson's Grandiflorum**—V—rose purple.  
 ABCDEF—M—**Pres. Lincoln**—V—lilac pink.  
 AB—**Prof. F. Bettex**—V?—scarlet dwarf.  
 D—**Prof. Rauwenhof**—V?—good red.  
 ABCDEF—M—**Purpureum elegans**—V—late purple.  
 ABCDEF—M—**Roseum elegans**—V—lavender dwarf.  
 ABEF—**Roseum superbum**—VI—bright rose.  
 AB—**Van der Broeke**—V?—dark carmine.  
 AB—**Van Weerden Poelman**—V?—huge crimson flowers. Habit like Pink Pearl.

### PRICES (Each)

- "A"—1-year grafts (8 in.) B. & B. . . . . \$1.00  
 "B"—2-year grafts (12 in.) B. & B. . . . . 1.60  
 "C"—12 to 15 inches, budded . . . . . 2.00  
 "D"—15 to 18 inches, budded . . . . . 2.50  
 "E"—18 to 24 inches, budded . . . . . 3.00  
 "F"—21 to 24 inches, budded . . . . . 3.50  
 "G"—2 to 3 feet, specimens . . . . . 4.00  
 "M"—Special 2 to 2½ feet grade. Not perfect form, for mass effects—\$250.00 per 100. 3.00

## RHODODENDRON CULTURE

**Acid, humus, damp, loose**  
 (See chart on page 2)

1. The roots feed at the surface—do not hoe or rake. Plant them properly and thereafter water and mulch as needed.
2. Light shade, airy and open, gives best results. Only certain trees will do. The best are Oaks, Cherries, Magnolias and Birch. Their leaves make the best mulch. Avoid Beech and Maple.



Photo: 2-year old graft

### Mixed Hybrid Seedlings:

	(Each)	(10)
6 to 8 in., B. & B.	.70	\$ 6.00
8 to 10 in., B. & B.	.90	8.00
10 to 12 in., B. & B.	1.25	10.00
12 to 15 in., B. & B.	1.45	12.00

## RARE SPECIES

All Rhododendrons are not "the same old thing." The species vary more than in any other group we know. Here is something different for your garden. All are hardy in Zone VI or V.

**Augustinii**—Large growing shrub. The "Blue Rhododendron." April-May. 12 to 18-inch plants \$2.00 each.

**Brachycarpum**—12-foot shrub. Blush pink in June. Heavy, good foliage. 6 to 8-inch heavy plants \$1.00 each.

**Fortunei**—12-foot shrub with fragrant rosy blooms in May and June. 12 to 18-inch plants \$2.00 each.

**Lutescens**—6-foot shrub. Yellow flowers early Spring. Plants from 6-inch pots \$2.00 each.

**Micranthum**—An upright shrub to 8 feet. Many small white blooms freely produced in late May. Hardy Zone V. 12 to 18-inch plants \$1.50 each.

**Smirnowii**—Rosy red in May. Large growing. Bushy 8 to 12-inch plants \$1.50 each.

**Loderi**—Seedlings of this finest of English hybrids that wintered 1934 in Zone VI! Huge white fragrant flowers in May. Plants from 4-inch pots \$1.00 each.

## ROCK GARDEN DWARFS

**Chrysanthum**—Foot-high dwarf, with pale yellow flowers in May. Very hardy. Plants from 3-inch pots \$1.00 each.

**Fastigiatum**—Tiny leaves; a fine rock garden dwarf, with large purple flowers. Plants from 4-inch pots \$1.00 each.

**Keiskei**—Variable; 2 to 5 feet. Light yellow blooms in May. Plants from 4-inch pots \$1.00 each; plants from 6-inch pots \$2.00 each.

**Racemosum**—A hardy strain of this fine rock-garden evergreen. Pink flowers in May. 10 to 12-inch plants (pots) \$3.00 each; 4-inch pots \$1.00 each. Grown from seed collected in the last Rock expedition. Zone V.

# Georgeous Native Laurel and Rhododendron

**A**MAZINGLY reasonable prices for large and small plantings. These beautiful flowering evergreens need little care after planting. About 2500 plants will cover an acre in permanent beauty. Two sizes offered: Normal collected plants 2 to 4 feet in height by truck or carload and also a special 1 foot size for covering acres at little cost.

### Rhodo. Maximum and Kalmia

1. Heavy plants, 100 or more, delivered in New York area (similar low prices elsewhere quoted on request) 2 to 3 feet, \$1.00; 3 to 4 feet, \$1.50
2. Balled 12 to 15 inch clumps from N. Carolina. 25 or more at \$18.00 per 100.

### Rhodo. Carolina and Catawbiense

1. Carlots of collected clumps (400 or more) quoted on request.
2. Balled 12 to 15 inch clumps, 25 or more at \$24.00 per 100.



## NURSERY GROWN PLANTS

### Rhododendron Maximum. IV.

	(Each)	(10)	(100)
8 to 10 feet. Blush-white in June and July.			
15 to 18 inches . . . . .	\$2.00	\$15.00	\$140.00
18 to 24 inches . . . . .	2.25	17.50	165.00
2 to 3 feet . . . . .	2.50	22.50	200.00

### Rhododendron Carolina. V.

	(Each)	(10)	(100)
8 to 10 feet. Fine native with light to deep pink bloom in June.			
12 to 15 inches . . . . .	\$1.00	\$ 9.00	\$ 75.00
15 to 18 inches . . . . .	2.00	13.50	125.00
24 to 30 inches . . . . .	2.50	22.50	200.00

### Rhododendron Catawbiense. V.

	(Each)	(10)	(100)
6 to 8 feet. More compact than the above—rosy purple bloom in June.			
15 to 18 inches . . . . .	\$2.00	\$16.00	\$150.00
18 to 24 inches . . . . .	2.50	21.00	200.00
2 to 2½ feet . . . . .	3.50	33.00	300.00
2½ to 3 feet . . . . .	4.50	40.00	.....

### Mountain Laurel (Kalmia Latifolia). IV.

	(Each)	(10)	(100)
5 to 8 feet. Shapely bush covered with white to pink bloom in June—attractive buds in May. (Nursery grown, bushy plants).			
15 to 18 inches . . . . .	\$1.25	\$10.00	\$ 90.00
18 to 24 inches . . . . .	1.50	14.00	125.00
2 to 2½ feet . . . . .	2.00	17.50	160.00



1. Large *Ilex opaca*  
2. *Ilex crenata*  
3. Young *Ilex opaca*

4. *Ilex glabra*  
5. *Cotoneaster salicifolia*  
6. *Ilex convexa*

7. *Mahonia aquifolium*  
8. Korean Box (dwarf)  
9. *Berberis triacanthophora*

10. *Cotoneaster horizontalis*  
11. *Berberis gagnepainii*  
12. *Berberis juliana*

13. *Berberis verruculosa*  
14. Hardy English Laurel  
15. Old *Buxus suffruticosa*

# Beautiful Broadleaf Evergreens

## EVERGREEN BARBERRIES

Sun.

### Julianae

Vigorous. Fine foliage. Hardy Zone V.  
(Each) (10)  
12 to 18 inches, B. & B. . . . . \$ .90 \$ 8.00

### Triacanthophora—Zone V.

Bushy, fast growth. Narrow leaves.  
12 to 15 inches, B. & B. . . . . .90 8.00

### Verruculosa—Zone V.

Bushy, spreading dwarf. Bright yellow flowers freely produced all summer. Black fruit.  
8 to 12 inches (spread) . . . . . 1.10 9.00  
12 to 15 inches . . . . . 1.50 15.00

## DWARF BOXWOODS

The hardiest kinds of Boxwood are the true dwarfs below. The Old English continues slowly to grow until collectors in the South pay thousands of dollars for one plant. The Korean Box is light green in winter. Both hardy Zone (V).  
**B. Suffruticosa (Old English)** (10) (100)



3 to 4 inch—light  
\$ 1.50 \$11.00  
6 to 8 inch for edging  
3.00 20.00  
15 to 18 inch  
22.00 . . . . .

Photo at left is 15-18 in.

### B. Koriensis (Hardiest, Dwarf).

3 to 4 inch light  
\$ 1.50 \$11.00  
6 to 8 inches, bushy  
6.00 50.00  
8 to 10 inches  
8.00 70.00

## OSMANTHUS

**O. aquifolium (Holly-leaved)**, VI. Humus.  
(Each)  
12 to 15 inches, B. & B. . . . . \$1.00  
18 to 24 inches, B. & B. . . . . 1.50

## ROCK-SPRAY (Cotoneaster)

Rare and interesting Oriental shrubs with showy ornamental fruit and leaves. Sun, drainage.

**Decora**—VI—Evergreen Dwarf. Red fruit.  
**Perpusilla**—V—Tiny leaves. Low spreading.  
**Microphylla**—V—Evergreen (3 ft.). Red fruit.  
**Prostrata**—VI—Evergreen (12 ft.). Red fruit.  
**Simonsii**—V—Upright (8 ft.). Scarlet fruit.  
**racemiflora soongarica**—V—(6 ft.). Red fruit.  
All above priced:

	(Each)	(10)	(100)
4 inch pots . . . . .	\$ .75	\$6.00	\$50.00
<b>salicifolia</b> —V—(10 ft.). Evergreen, or nearly so. Red fruit. 3 feet, \$2.00 each.			

## COTONEASTER HORIZONTALIS

This spreading shrub has come to be so important, it is available in large quantities at low prices.

	(Each)	(10)	(100)
3 inch pots . . . . .	\$ .60	\$5.00	\$25.00
4 inch pots . . . . .	1.00	7.00	55.00

## HARDY ENGLISH LAUREL

**(Laurocerasus schipkaensis)**, Zone V.  
A gorgeous leaf—firm and dark and glossy. We offer Raveni type only this year. 2 to 3 feet, \$3.00 each.

## OREGON HOLLY-GRAPE

**(Mahonia aquifolium)**, Hardy Zone V.  
Bushy shrub to 6 feet. Dry soil, part shade. Showy yellow bloom in May and bloomy purplish "grapes" in September. A fine hedge plant.  
(10) (100)  
12 to 15 inches . . . . . \$ 9.00 \$70.00  
15 to 18 inches . . . . . 11.00 90.00

## HOLLY (Ilex)

**AMERICAN HOLLY (I. opaca)**, Zone V.  
Tree to 20 feet. Shade and damp soil. Bright red berries. Dull green leaves (Each) (10)  
18 to 24 inches, B. & B. . . . . \$3.00 \$20.00  
3 to 4 feet, B. & B. . . . . 6.00 55.00

### Howard

Shiny, spiny leaves. Berries guaranteed.  
18 to 24 inches . . . . . \$2.50 . . . . .  
2 to 3 feet . . . . . 3.00 . . . . .

### Xanthocarpa

Yellow berries.  
12 to 18 inches, B. & B. . . . . \$1.50 . . . . .

### ENGLISH HOLLY (I. aquifolium)

**I. aquif. polycarpum (Vantol)**  
A form of English Holly with many berries. Zone VI. (Each)  
12 to 15 inches, B. & B. . . . . \$1.60  
**I. aquif. pyramidalis (Improved English)**  
15 to 18 inches, B. & B. . . . . \$1.60

**JAPANESE HOLLY (I. Crenata)**, Zone V.  
18 feet. A splendid evergreen shrub with black berries and small dense foliage. Not nearly well enough known. (Each) (10) (100)  
12 to 15 in., B. & B. \$1.00 \$ 6.00 \$ 50.00  
15 to 18 in. . . . . 1.20 8.00 60.00  
18 to 24 in. . . . . 1.30 10.00 70.00

### Small-leaved (Mycrophylla)

Dwarfer—denser—interesting.  
8 to 10 in., B. & B. \$ .90 \$ 7.50 \$ 60.00  
15 to 18 in., B. & B. 1.90 17.00 150.00

### Box-leaved (Bullata) (Convexa)

Hardier—dwarf—shiny convex leaves. A substitute for Dwarf Boxwood.  
8 to 10 in., B. & B. \$ .60 \$ 5.50 \$ 50.00  
10 to 12 in., B. & B. .85 7.50 70.00

### INKBERRY (I. Glabra)

Zone V.  
5 feet. Showy black berries in Winter. Stands wind and exposure. (Each) (10)  
18 to 24 inches . . . . . \$1.50 \$10.00

### I. Pernyi (Dwarf Holly)

Tiny spined leaves—berries on a foot-high specimen. Zone VI.  
12 to 15 inches . . . . . \$1.50 \$13.50  
4 inch pots . . . . . 9.50

# Honest Reliable Fruit Trees

THE special sizes here quoted are selected for best results. The list of varieties includes only the very best of both new and old types. All trees are grown in the North and are hardy and full of vitality. They are not to be compared with cheap Southern grown stock. Ten assorted fruit trees at the ten rate. Larger quantities at very low prices quoted upon request. Drainage, sun.

## APPLES, Standard (Zone III)

(Each) (10)

2 year.....\$1.00 \$9.00  
Ask for special prices for 100 or more.

### Summer Varieties

**Early Harvest**—Yellow, medium size. August.  
**Red Astrachan**—Red, large. August.  
**Yellow Transparent**—Pale yellow, good. August.

### Autumn Varieties

**Fall Pippin**—Greenish yellow, large, November.  
**Fameuse or Snow**—Crimson, November to January.  
**Gravenstein**—Red-striped, large. October.  
**Porter**—Yellow.  
**Wealthy**—Deep red, white flesh.

### Winter Varieties

**Baldwin**—Red, large.  
**Courtland**—A beautiful red; larger than McIntosh and ripening a month later.  
**Delicious**—Large, red.  
**Hubbardston Nonsuch**—Yellow and red, large.  
**King of Tompkins County**—Crimson, large.  
**McIntosh Red**—One of the best, red; November, February.  
**Northern Spy**—Yellow and red; large.  
**Rhode Island Greening**—Greenish yellow; large.  
**Roxbury Russet**—Medium to large. December to June.  
**Talman Sweet**—Yellow, medium size. November to April.

## APPLES, Dwarf

Very scarce this year. We have some and will quote on request.



*Fruit from Espalier trees is always more tasty and larger than ordinary*

## CARE NEEDED FOR ESPALIERS

Ten to twelve feet is the maximum height to which true dwarf Espaliers will grow. Little pruning is needed—beyond keeping the small new spurs from reaching more than six inches outside of the main stems. No other training is needed—it's all done for you. When a spur has borne fruit cut it back and let a young spur form there to take its place.

## CRAB APPLES

(Each)

6 to 7 feet.....\$1.00  
**Hyslop**—Dark crimson; large.

## PLUMS—Zone V Japanese Plums

The plum tree will grow anywhere there is good soil. No. 1 Grade, \$1.25 each, \$10.00 per 10.

**Abundance**—One of the best Japanese plums. Medium size, rich, bright cherry red with distinct bloom and highly perfumed. Flesh, yellow, juicy, tender and excellent quality.  
**Burbank**—Large, nearly globular; clear cherry-red with a thin lilac bloom; flesh deep yellow, sweet, meaty, and quite firm; tree vigorous.  
**Red June**—Fair size and quality. Vermilion tinted. Productive. Ripens before Abundance.

## European Plums

**Bradshaw**—Very large, dark violet-red. Flesh yellowish-green, juicy and pleasant.  
**Damson**—Medium size; blue; flesh juicy, tender, sweet; reliable grower. Fine for preserving.  
**German Prune**—Medium, oval, purplish blue. Flesh, rich, juicy and of high flavor.  
**Lombard**—Medium, roundish-oval. Violet red. Fruit juicy and pleasant, adhering to the stone.

## CHERRIES (Zone IV)

(Each) (10)

6 to 7 feet.....\$1.00 \$9.00  
**Sweet**—**Bigarreau**, Black; **Black Tartarian**, Black; **Gov. Wood**, Red on white; **Windsor**, Dark; **Yellow Spanish**, White.  
**Sour**—**Early Richmond**, Red; **Montmorency**, Red.

## PEACHES (Zone V)

(Each) (10)

3½ to 5 feet.....\$.75 \$7.00  
Varieties: In the order of their ripening.  
**Carman**—White and red cheek.  
**Champion**—White and red.  
**Crawford Early**—Yellow.  
**Belle of Georgia**—White with red cheek.  
**Elberta**—Yellow.  
**J. H. Hale**—Yellow.  
**Crawford Late**—Yellow.

## PEARS (Zone IV)

(Each) (10)

No. 1 Grade.....\$1.00 \$9.00  
**Anjou**, Winter; **Bartlett**, Summer; **Clapp's Favorite**, Summer; **Seckel**, Fall; **Sheldon**, Fall.

## PEARS, Dwarf

(Each) (10)

3 years old.....\$1.00 \$9.00  
**Anjou**, **Bartlett**, **Clapp's Favorite**, **Seckel**.

# Dwarf Espalier Fruits

Go to your fancy grocer and ask for the most perfect fruit he carries—it will be about one-half the size of a properly grown Espalier fruit! It will not be as juicy and full of flavor! These facts are instantly proved to you when you see your first ripe fruit on an Espalier dwarf fruit tree. For centuries they have been well known in Europe. In full sunlight, each individual fruit gets its share. Even if such trees were not ornamental, they would be noteworthy for fruit alone. But they are beautiful—clean-cut form and healthy young side growth—something new and different. Use them instead of vines against the house: train them along wire fences to add beauty and interest. Easy to grow; beautiful in flower, leaf and fruit; what more can be asked from a small tree? The strain we offer here is not to be compared with even the few other sources of Espalier fruit trees available in America! They are dwarfer—grafted on the proper stock—neat, and retaining their form permanently.

## VARIETIES NOW READY

### APPLES

Duchess of Oldenburg  
Delicious  
Fameuse  
McIntosh  
Baldwin  
R. I. Greening

### PEARS

Bartlett  
Flemish Beauty  
Clapp's Favorite  
Duchess d'Angouleme  
Beurre d'Anjou  
Seckel

### PLUMS

Reinc Claude  
Abundance

### PEACHES

Elberta  
Hilky  
Yellow St. John  
Rochester  
Crawford  
Champion

### NECTARINES

Boston  
Red Roman  
Lord Napiet  
Newton  
Victoria

### APRICOTS

Early Golden  
Moore Read



## SHAPES AND PRICES

**U-form**—  
4 to 6 feet... \$ 6.00 6 to 8 feet... \$ 8.00  
(Width: 2½ feet)  
**Four-Arm**—  
5 to 6 feet... 8.00 6 to 8 feet... 10.00  
(Width: 4 feet)  
**Six-Arm**—  
5 to 6 feet... 15.00 6 to 8 feet... 18.00  
(Width: 6 feet)

In addition we offer eight-arm horizontals and cordons. Prices in quantity quoted. State Quantity. Packing extra (25 cents each up to \$1.50 each). All trees balled and burlapped at above prices.



McCallister

Burlington

Pecan

Chinese Chestnut

Stabler

Thomas

Wiltz-Mayette

## Hardy Hybrid Nut Trees

**H**ARDY types of both English Walnuts and Pecans are now available for the North. Delicious Black Walnuts with easily opened shells . . . Hybrid Hickories with haunting flavor previously unknown even to epicures . . . most amazing of all, these varieties will bear nuts as early as the third or fourth year.

### ENGLISH WALNUTS—V

**Wiltz-Mayette** is perhaps the best variety for all purposes. It is a reliable bearer. The English Walnut requires a lime soil. The first crop may be expected in three or four years.

### BLACK WALNUTS—IV

The new grafted varieties bear their first nuts sometimes in the second year after planting and commonly in the third to fifth year if the trees is properly fertilized.

**Thomas** is a really rapid-growing tree, hardy and easy to grow. The meat is attractive and tasty, but does not crack as easily as the **Stabler**.

**Stabler** has the thinnest shell. The meat falls out easily in halves or one piece and is of spreading specimen with unusually ornamental form and foliage.

### BLIGHT RESISTANT CHESTNUTS—V

The **Chinese Chestnut** (*Castanea molissima*) is larger than the American and of fine flavor and sweet. It is inured to the Chestnut Blight.

**Grafted Trees:** Very much better nut-bearing. Bear about as soon as apples. We strongly recommend these.

2 to 3 feet  
\$2.25 each  
\$22.50 dozen

4 to 5 feet  
\$2.75 each  
\$27.50 dozen

1 to 2 feet  
\$1.50 each  
\$15.00 dozen

3 to 4 feet  
\$2.00 each  
\$20.00 dozen

5 to 6 feet  
\$3.00 each  
\$30.00 dozen

8 to 10 feet  
\$5.00 each

3 to 4 feet  
\$1.50 each

2 to 3 feet  
\$1.00 each  
\$10.00 dozen  
\$75 per 100

### HARDY PECANS—Zone V

The quality of the nuts in these varieties is in every way the equal of commercial Pecans. They will bear in three to five years.

**Busseron** and **Butterick** are the oldest and best varieties. The differences are slight. It is advisable to plant one of each kind so that they will cross fertilize.

### HYBRID HICKORIES

**Burlington** (also called **Marquardt**) resembles the pecan as to the nut. The tree is very easily grown, a rapid grower and extremely hardy. Does well in Minnesota. Very satisfactory tree and delicious flavor. Reliable early bearer. Zone V.

**McCallister** is a unique tree: Nearly as thin shelled as any pecan, but its flavor is that of the delicious wild shell-bark hickory. The nut is over two inches in length and is larger than any southern pecan. Foliage resembling the pecan—a beautiful tree. Irregular bearer. Zone V.

2 to 3 feet  
\$2.00 each  
\$20.00 dozen

5 to 6 feet  
\$3.00 each  
\$30.00 dozen

7 to 9 feet  
\$4.00 each  
\$40.00 dozen

8 to 10 feet  
(Balled)  
\$12.00 each

### CARE OF NUT TREES

Nut trees have large root systems—some of them have more root than top! You could not plant all the roots, they could not be packed or shipped—but must be pruned off. The tops should be pruned to make up for the loss of roots. We also wax the tops to prevent evaporation. The first two years mulch well with hay or straw and water if drought comes.

## The Huge Hybrid Blueberries



### SIZES AND PRICES

10-12 inch balled three years from bearing \$1.50 postpaid (\$125 per 100)

15-18 inch balled two years from bearing \$2.20 postpaid (\$175 per 100)

Two decades of hybridizing and testing and now you can grow blueberries three-quarters of an inch across. Delicious smooth flavor. An acid soil is needed, mulch as for Rhododendrons. The year after planting remove all flower buds. The third year you may leave the flowers and enjoy the first fruit.

### Blueberry Culture

Blueberries require an acid soil containing peat or other rotted vegetable matter. They need a moderate supply of soil-moisture, and good drainage so that the roots can get air during the growing season.

Set the plants in beds 3 feet apart one way and 4 to 5 feet the other way. Two varieties should be included in every planting, as an exchange of pollen is necessary to produce good crops of berries.

The second year remove the flower buds in order to throw the full strength of the plants into the top and roots. The third summer the flower buds may be left and the plants should produce a good crop of fruit.

### VARIETIES AVAILABLE

**Rubel**—Vigorous. Large blue berries in July.

**Pioneer**—Smaller bush, larger berries. A heavy bearer and early.

**Cabot**—The earliest. Broad low bush. Delicious berries.

**Rancocas**—Slender upright bush. Berries larger than Rubel. A few days earlier.

**Concord**—A large bush with huge berries of fine flavor.

**Jersey**—The largest bush. Vigorous. Also the largest berries. Light blue.



# The Best of the Roses

For Rose Species, see green lining-out list inside the front cover under Rosa

## HYBRID TEA ROSES

PRICES: 80 cts. each, \$8.00 per doz. (6 or more of one kind)

CULTURE: Sun; loose; fertilize. (See page 2.)

**DAME EDITH HELEN.** (New.) The most striking pink Rose of recent years. Enormous, very double, pure pink blooms, continually produced. Strong growth.

**DUCHESS OF ATHOLL.** Light bronze, vividly splashed orange and old-gold.

**EDITH NELLIE PERKINS.** (New.) Buds of rich orange, salmon-pink on interior, turning to golden shaded blooms.

**E. G. HILL.** Dazzling scarlet, shading to deeper red; very double.

**ETOILE DE HOLLANDE.** The world's leading red Rose, with brilliant blooms of magnificent size.

**FEU J. LOOYMANS.** Brilliant Indian yellow. Long buds; large, fragrant flowers.

**GENERAL MACARTHUR.** Blazing crimson-scarlet. Intensely fragrant.

**GRUSS AN TEPLITZ.** Rich scarlet, shading to crimson. Vigorous; free bloomer.

**JOANNA HILL.** Very double with Indian-yellow center and golden buff petals.

**JONKHEER J. L. MOCK.** Outside of petals carmine; inside flesh-pink.

**LADY FORTEVIOT.** Delightfully sweet-scented Rose; saffron-yellow, flushed with carmine and orange.

**MEV. G. A. VAN ROSSEM.** Orange, apricot, bronze, and gold. Unique. Free blooming.

**MRS. AARON WARD.** Color Indian yellow, shading to lemon-cream at the edges of the petals.

**MRS. CHARLES BELL.** A sport from Radiance and like it in free, lusty blooming. Shell-pink with salmon shading. The best of this type.

**MRS. PIERRE S. DU PONT.** Reddish gold, opening golden yellow. Vigorous growth. Lasting blooms.

**PRESIDENT HERBERT HOOVER.** An outstanding novelty of maroon, orange, and gold. Perfect Rose for the florist or the home-garden.

**REV. F. PAGE-ROBERTS.** Golden yellow, stained copper, with reddish buff overlaying its outer petals.

**RADIANCE.** Soft carmine-pink; double; sweet-scented. Free.

**RED RADIANCE.** A crimson sport of Radiance.

**SOUVENIR DE CLAUDIUS PERNET.** The best and one of the few really yellow Roses, with a pointed bud and glossy foliage.

**TALISMAN.** Most vividly colored Rose—apricot, shading to yellow at base. Strong grower; free bloomer.



President Herbert Hoover



Mrs. Charles Bell



Mrs. Aaron Ward



E. G. Hill

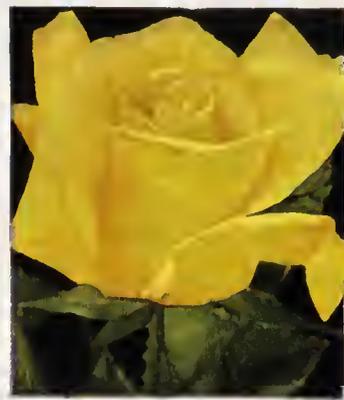


Taken

Pl. Pat. 95



Talisman



Souv. de Claudius Pernet



Etoile de Hollande



Edith Nellie Perkins



©1934

Better Times

Pl Pat. 23

## PATENTED ROSES

**AMELIA EARHART.** H.T.

Plant Patent No. 63. Large, cream bud, with blushes; flowers graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone; extremely fragrant. Strong grower; free bloomer. \$1.50 each, \$15.00 per doz.

**BETTER TIMES.** H.T.

Plant Patent No. 23. The brilliant cerise flowers are large, double, and delicately fragrant. Being produced on long strong stems, they are excellent for cutting. A very free bloomer. \$1.50 each, \$15.00 per doz.

**NIGRETTE.** H.T.

Plant Patent No. 87. "The Black Rose of Sangerhausen." Flowers are intense deep maroon with blackish velvet sheen and are deliciously fragrant. It is the darkest of Roses—appearing almost black from a little distance. The sensation of the European Rose world. \$2.00 each, \$20.00 per doz.

**SOUVENIR.** H.T.

Plant Patent No. 25. The Golden Talisman. Rich deep golden yellow. A prolific producer of fragrant flowers for cutting. \$1.00 each, \$10.00 per doz.

**TOKEN.** H.T.

Plant Patent No. 95. A single-toned, sun-ripened apricot—unique color. Free bloomer and has an upright growth in the garden. \$1.50 each, \$15.00 per doz.

## NEW CLIMBING ROSES

**BLAZE (Everblooming Paul's Scarlet Climber).**

Plant Patent No. 10. Seedling of Paul's Scarlet Climber and Gruss an Tephtz. A marvelous, hardy, everblooming scarlet-red Rose. \$1.50 each.

**GOLDEN CLIMBER (Mrs. Arthur Curtiss James).**

Plant Patent No. 28. A semi-double yellow Rose averaging 4 to 5 inches in diameter. Blooms of Hybrid Tea type and quality, on stems often 18 inches or longer. It is very hardy, being able to withstand sub-zero temperatures. \$2.00 each.

**NEW DAWN (Everblooming Dr. W. Van Fleet).**

Plant Patent No. 1. The first really worth-while everblooming hardy climber. The shell-pink flowers are of good size and exquisite form, with a rich fragrance. Produced on long stems and almost constantly in flower from June until frost. \$1.50 each.

**ROSA ROULETTE.**

This dainty little pink Rose blooms continuously. It grows about 3 to 5 inches high and is an excellent plant for rock-gardens. In pots 60 cts. each, \$6.00 per doz.

©1931

# Hardy Perennials

**H**ARDINESS and ease of growing have decided the selection of perennials on the following pages. They are extra-big, healthy plants, too. Beauty, originality, and length of flowering season considered, no better list of perennials can be found. All are hardy in Zone V or better.

We have specialized particularly in Chrysanthemums, Irises, and Peonies.

NOTE.—Packing charges included in prices

All Perennials, except where noted, 30 cts. each, \$3 per doz. Six or more of one kind at dozen rate. Special quantity quotations

**ACHILLEA ptarmica**, The Pearl. White. Good cut-flower. June, July.  
**ACONITUM fischeri** (Monkshood). 2 to 3 ft. Deep blue. Sept., Oct. 45 cts. each.  
**Napellus, Spark's Variety**. 5 ft. Deep blue. July, Aug. 45 cts. each.  
**ÆTHIONEMA persicum**. 6 to 8 ft. Pink spikes. Small leaves. June, July.  
**AJUGA reptans** (Bugle). 4 to 6 in. Purple. Rampant carpeter. May, June.  
**ALYSSUM saxatile compactum**. 6 to 9 in. Golden yellow. Silvery leaves. April, May.  
**ANCHUSA italica** (Bugloss). 4 to 5 ft. Rich cobalt-blue. June, July.  
**Myosotidiflora**. 12 to 18 in. Blue. Resembles Forget-me-nots. May.  
**ANEMONE hupehensis**. 18 to 24 in. Pink. Attractive foliage. Aug., Sept.  
**Japonica alba**. 2 to 2½ ft. White. Old-fashioned. Sept., Oct.  
**Queen Charlotte**. 2 to 3 ft. Double; pink. Protect in Winter. Sept., Oct.  
**Whirlwind**. 2 to 3 ft. Double; white. Vigorous. Sept., Oct.

**AQUILEGIA cærulea** (Columbine). 2 ft. Blue and white. Cool soil. May, June.  
**Hybrida, Long-spurred**. 2½ to 3 ft. Various beautiful colors. May, June.  
**ARABIS albida** (Rock Cress). 6 to 9 in. White. Low clumps. April, May.  
**Flore-pleno**. 6 to 9 in. White. Fine variety for mass planting in rock-gardens and as a ground-cover. April, May.  
**ARTEMISIA, Silver King**. 2 to 2½ ft. Silvery white foliage, good for cutting.  
**ASCLEPIAS tuberosa** (Butterfly Weed). 2 to 3 ft. Brilliant orange flowers in large heads; extremely striking. July, Aug.  
**ASTER Hybrids, Blue Gem**. 3 ft. Best blue. Double flowers. Sept.  
**Climax**. 4 to 5 ft. Deep lavender. Vigorous. Aug.  
**Mrs. Raynor**. Deepest red Aster.  
**St. Egwin**. 2 to 2½ ft. Delicate pink; refined. Aug., Sept.  
**White Lady**. 2 to 3 ft. Large white flowers.  
**Ypres**. 2 to 3 ft. Rosy red. Sept., Oct.



*Chrysanthemum Oconto*

**ASTILBE, Betsy Cuperus**. Tall. White flowers with pink centers.  
**Ceres**. Rosy lilac spikes.  
**Freule van den Bosch**. Compact, dark pink flower-spikes.  
**Marguerite van Rechteren**. Bright red, tinged with dark lilac.  
**Meta Immink**. A delightful pink color.  
**All Astilbes, 45 cts. each**  
**AUBRIETIA deltoidea**. 4 to 6 in. Pink-purple. Gray foliage. April, May.  
**BAPTISIA australis**. 2 to 3 ft. Blue, pea-like flowers. May, June.  
**BOLTONIA asteroides**. 4 to 5 ft. White. For the wide border. Sept.  
**Latisquama**. 3 to 4 ft. Tender pink. For cutting. Aug., Sept.  
**CAMPANULA carpatica** (Bellflower). 6 to 9 in. Blue. Always in flower. June–Aug.  
**Garganica**. 3 to 4 in. Blue. Well-drained soil. May, June.  
**Medium**. 2 to 3 ft. A biennial. Blue, White, Pink. June.  
**Calycanthema**. 2½ to 3 ft. A biennial. Blue, White, Pink. June.  
**Persicifolia**. 2 to 2½ ft. Free flowering. Blue. June, July.  
**Alba**. 2 to 2½ ft. White. June.  
**CENTAUREA montana** (Cornflower). 1½ to 2 ft. Blue. Gray leaves. May–July.  
**CERASTIUM tomentosum**. 6 to 8 in. White. Silvery foliage. June.  
**CHEIRANTHUS allioni**. 1 to 1½ ft. Brilliant orange. Fragrant. May, June.  
**CHRYSANTHEMUM Hybrids**. 2 to 3 ft.  
**Aladdin**. Plant Patent No. 64. Coppery bronze. Aug.  
**Alice Howell**. Orange-yellow. Early.  
**Barbara Cumming**. Double; yellow. Early.  
**Brown Bess**. Pompon. Reddish bronze.  
**Cavalier**. Rich vermilion-red. Oct. 15.  
**Crimson Splendor**. Rich crimson-maroon. Late Sept.  
**Daybreak**. Single; shell-pink; 3 in. across.  
**Early Bronze**. Bronze-yellow. Very early.  
**Excelsior**. Bright yellow. Mid-October.  
**Frances Whittlesey**. Dwarf bronze and garnet. Early. Oct.  
**Glory of Seven Oaks**. Large; yellow. Early. One of the best.  
**Golden Pompon**. Yellow.  
**Granny Scovill**. Large; bronze. Oct. 10.  
**Jean Treadway**. Large; pink, dark center. Sept. 30.  
**Model**. Light yellow Pompon.  
**Mrs. Nellie Kleris**. Deep pink. Early.  
**Oconto**. Large; white. Japanese. Oct. 15.  
**October Girl**. Semi-double; pink. Early.  
**Old Homestead**. Large; pink.  
**Ruth Hatton**. Clear ivory-white. Oct. 10.  
**Skibo**. Golden yellow. Button. Oct. 20.  
**Tennyson**. Large; brown. Button.  
**Vivid**. Rosy crimson. Oct. 1.

## SIX CHOICE (But Easily Grown) ROCK-PLANTS SIT FOR THEIR PORTRAITS

Three of each (18 plants), postpaid east of Iowa, \$5



*Alyssum saxatile compactum*



*Aubrietia (Rock Cress)*



*Campanula carpatica*



*Dianthus plumarius*



*Iberis sempervirens*



*Thymus lanuginosus*

**ASTRID**. New Arctic Chrysanthemum. A sensational, hardy plant. Delicate pink, 3-inch blooms cover plant from October 1 to frost. 50 cts. each, \$4.50 per doz.

# Perennials

## Iris

### SELECT "GERMAN" IRIS

All new or unusual Bearded Types

(See bottom of page)

	(Each)
<b>Airy Dream</b> —Clear soft pink self; 33" . . .	\$1.00
<b>Allure</b> —40"; Exquisitely beautiful blend of yellow and rose . . . . .	.35
<b>Andrew Jackson</b> —40"; Early, large, very rich red violet . . . . .	.50
<b>Blue Banner</b> —38"; Two tones of brilliant blue; very popular . . . . .	.35
<b>Blue Hill</b> —36". Very fine large blue . . . .	.75
<b>Blue Torch</b> —Light lavender and purple; 34" . . . . .	2.00
<b>Blue Velvet</b> —42". Clear deep velvety blue; very popular . . . . .	2.00
<b>Bourem</b> —Red-purple, unusual coloring, popular. 30" . . . . .	.25
<b>Buto</b> —Intense strikingly beautiful dark blue purple of good form . . . . .	.35
<b>Daffodil</b> —New, clear canary-yellow Iris; fine form; 42" . . . . .	.50
<b>Dessert Gold</b> —Very large, pale heavy substance yellow; early; 35" . . . . .	1.50
<b>Eliz. Egelberg</b> —Fine large mauve pink bicolor; fragrant; 18" . . . . .	.50
<b>Firefall</b> —Bright red; S. Fiery red; F. Bordeaux red; 32" . . . . .	.25
<b>Freida Mohr</b> —A peer among lilac-rose pinks . . . . .	.50
<b>Gold Standard</b> —A soft yellow that is "different"; 40" . . . . .	.35
<b>Numa Roumestan</b> —A gloriously dark, rich red in mass; 36" . . . . .	1.00
<b>Packard Blue</b> —S. light blue; F. rich velvety blue; 34" . . . . .	2.00
<b>Pink Satin</b> —A very fine pink self of great refinement . . . . .	3.50
<b>Pleui D'Or</b> —Tall, floriferous gold yellow; good grower; 40" . . . . .	.75
<b>Romance</b> —Fragrant; rosy bronze; 30" . .	.50
<b>Snowdrift</b> —A large fragrant, late white; 33" . . . . .	1.00
<b>Talisman</b> —Bright golden apricot and pink blend; 36" . . . . .	2.00
<b>Tapestry</b> —Smoky mulberry of huge size, with brilliant center . . . . .	2.50
<b>William Mohr</b> —The huge, ruffled lavender gray hybrid; early . . . . .	.75



### JAPANESE IRIS

The Iris Kaempferi is different—quite different. It likes shade and an acid, moist soil. Use with Rhododendron or Azalea, for instance. The blooms come in late June or July and are flat and huge. Colors are rich and give a deep velvety effect.

35 cents each. Ten of one kind for \$2.50

- Astarte**—Double beautiful dark violet.
- Circle**—Double dark-violet-blue, finely lined with white.
- Eumee**—Single dark violet.
- Gekka No Nami**—Earliest to bloom and the choicest white, very free. Glistening white with creamy white stigmas.
- Gold Bound**—A fine double pure white, enriched by a creamy glow from the gold banded center.
- Hercule**—Double clear lilac blue.
- Patrocle**—Single superb dark violet.
- Koko No Iro (Purple and Gold)**—Enormous double flowers. Rich violet-purple with white petaloides tipped violet.
- Prosperine**—Single bright rich blue, produced by shading of velvety blue on white.
- Ski No Ryo**—Double blue and white.

## Fall Blooming Iris

A new race that blooms in Autumn as well as Spring!

	(Each)	(Each)	
<b>Autumn King</b> —36". Typical lavender blue bicolor of good form . . . . .	\$ .25	<b>Eleanor Roosevelt</b> —Fluorite purple self with rich falls; beautiful . . . . .	\$5.00
<b>Autumn Queen</b> —18". Best white dwarf; rebloomer; form and purity of color . . . .	.35	<b>Golden Harvest</b> —20". First yellow fall bloomer; large; good form . . . . .	1.00
<b>Autumn Surprise</b> —Standards and falls blue . . . . .	.50	<b>September Skies</b> —16". Deep red purple self; blooms freely in Spring . . . . .	.75
<b>Dorcas Hutchinson</b> —26". Early and consistent rebloomer; pansy-violet self . . . .	.50	<b>Ultra</b> —Fine, clear colored ultramarine blue bicolor . . . . .	.25

## Bargains in Good Iris for Massing

A fine collection of old favorites. 2 of any one kind for 25 cents, 10 for 75c. 50 of one kind at 5c each!

- 30 cents each, 6 or more of one kind at \$3.00 per dozen (except where noted)
- maximum**—2-2½'. Shasta Daisy. White, June-Sept., cut flower.
- Uliginosum**—4-5'. Pyrethrum. White, Aug. bushy and handsome.
- CHRYSANTHEMUM Korean Hybrids**—A distinct type of chrysanthemum that adds new color and new hardiness. Can be used where winter killing was a serious objection. 50 cents each, \$5.00 per doz. One each of six varieties \$2.50. Three each of six varieties \$5.00.
- Apollo**—Bronze, red and gold.
- Ceres**—Yellow and soft bronze.
- Daphne**—New shade of pink.
- Diana**—Rose pink and soft salmon.
- Mars**—Deep amaranth red.
- Mercury**—Single bronze red flowers. Huge.
- COREOPSIS lanceolata grandiflora**—2-2½'. Golden, June-Aug., cut flower.
- DELPHINIUM chinense**—1½-2'. Deep blue, June-Sept., nice foliage.
- Album**—1½-2'. White, June-Sept., rockery or border.
- Belladonna**—2½-3'. Sky blue, June-Aug., forces well.
- Bellamosum**—2-2½'. Dark blue forms of last, June-Oct.
- Gold Medal Hybrids**—4-6'. Various, June-Aug., best strain.
- DIANTHUS deltoides**—6-9". Pink, May-July, deep green mats.
- Plumarius**—9-12". Various, May-Sept., large flowers.
- DICENTRA spectabilis (Bleeding Heart)**—Pink, white, May-June, fern-like foliage. Above at 50 cents each
- Eximia**—1-1½'. Deep pink, May-July, cut foliage.
- DICTAMNUS albus**—2-2½'. White, May-June, dislikes transplanting.
- Ruber**—2½-3'. Rosy purple, May-June, cut flower.
- DIGITALIS (Foxglove)**—3-4'. Rose to white, June-July, handsome spikes.
- DORONICUM excelsum (Leopardbane)**—Yellow, May, cut flower.
- ECHNIOPS ritro (Globe Thistle)**—3-4'. Steel blue globes, July, very attractive.
- ERYNGIUM planum**—1½-2'. Steel blue thistle-heads, July-Sept.
- EUPATORIUM coelestinum**—1½-2'. Blue, Aug.-Oct., cutting flower.
- GAILLARDIA grandiflora**—1½-2'. Orange and red, July-Aug.
- GEUM Mrs. Bradshaw**—1½-2'. Vivid red, June-Sept., very double.
- GYPSOPHILA paniculata**—2-2½'. White, June-July, for cutting.
- Bristol Fairy**—2-3'. Double white, June-Sept., dries well.
- Repens**—4-6". White, June-July, grayish foliage.
- HELENIUM autumnale superbum**—4-5'. Yellow, Aug.-Sept., useful mass plant.
- Riverton Gem**—2½-3'. Bronze, Aug.-Sept., indispensable.
- HELIOPSIS scabra, Excelsa**—2½-3'. Rich yellow sun flower, July-Oct.
- Pitcheriana**—3-4'. Golden yellow, Sept.-Oct., yellow day lily.
- HELLEBORUS niger (Christmas Rose)**—Pot-grown, \$1.00 each, \$10.50 dozen.
- HEMEROCALLIS flava**—3-4'. Lemon, May-June, profuse, early.
- Thunbergi**—2½-3'. Pale yellow, July, clear color.
- HEUCHERA brizoides**—15-18". Pink, June-Sept., graceful clusters.
- Sanguinea**—15-18". Coral, June-July, for cutting.
- Splendens**—15-18". Bright red, June-July, handsome form.
- HIBISCUS moscheutos**—4-6'. Pink, red, white, Aug.-Sept.
- IBERIS sempervirens**—8-10". White, April-May, evergreen.

- Aeacia Rose
- Aftersglow
- Alcazar
- Ambassadeur
- Amber
- Anne Bullen
- Anne Leslie
- Apache
- Archeveque
- Argynnis
- Arlington
- Autumn King
- Beau Ideal
- Bertrand
- Blue Boy
- Bluet
- Bonita
- Brandywine
- B. Y. Morrison
- Canopus
- Caprice

- Cassiopee
- Chester J. Hunt
- Citronella
- Cluny
- Corot
- Crusader
- Cygnat
- Daphne
- Dejah
- Delicatissima
- Dorothea
- Dream
- Duke of York
- Eclairer
- Ed. Michel
- Endymion
- Eventide
- Fairy
- Forsette
- Fra Angelico
- Geo. J. Tribol
- Georgia

- George Yeld
- Gertrude
- Goldenrod
- Gold Imperial
- Harpalion
- Her Majesty
- Ideal
- Imperator
- Isis
- Isolene
- Jac. Guillot
- Jean Chevreau
- Kochii
- L. A. Williamson
- Lohengrin
- Lord Lambourne
- Lord of June
- Lorely
- Majestic
- Marsh Marigold
- Marv Gibson
- Mildred Presby

- Mme. Chereau
- Mme. Cheri
- Mme. Chobaut
- Morning Splendor
- Mother of Pearl
- Mrs. H. F. Bowles
- Mrs. Marion Cran
- Nehawka
- Neibelungen
- Nymph
- Opera
- Orion
- Pallida Delmatica
- Parc de Neuilly
- Phyllis Bliss
- Pioneer
- Prairie Gold
- Primrose
- Princess Beatrice
- Prosper Laugier
- Prospero
- Shekinah

- Skitchewang
- Steepway
- Sunset
- Susan Bliss
- Queen Caterina
- Sweet Lavender
- Taj Mahal
- Titian
- Queen of May
- Rhein Nixe
- Roseway
- Rota
- Seminole
- Trostinger
- Tropic Seas
- True Charm
- Vesper Gold
- White Knight
- White Queen
- Wild Rose
- Yvonne Pelletier
- Zada

# Perennials



*Lilium Auratum*

## Perennials

30 cents each, 6 or more of one kind at \$3.00 per dozen (except where noted)

- LAVENDULA vera**—12-18". Lavender, July-Aug., fragrant.
- LIATRIS pycnostachya**—4-5'. Purple, July-Aug., stately spikes.
- LILIES**
- Lily-of-the-Valley**—Clumps, \$.50 each; \$5.00 doz.
- Auratum**—Gold banded. \$.40 each; \$4.00 doz.
- Candidum** (Madonna Lily)—Fragrant. Clear white. \$.30 each; \$3.00 doz.
- Lancifolium Rubrum**—White, spotted red. \$.40 each; \$4.00 doz.
- Lancifolium Album**—White flowers. \$.40 each; \$4.00 doz.
- Phillippinense formosanum**—White tinted rose. Same size, form and fragrance as Easter Lily. Perfectly hardy. August and September. \$.30 each; \$3.00 doz.
- Regale**—Large scented flowers, produced freely, ivory, shaded pink, tinged yellow at base. \$.25 each; \$2.50 doz.
- Tigrinum Flore pleno**—Orange-scarlet, dark spots. \$.20 each; \$2.00 doz.
- LINUM perenne**—15-18". Blue, June-July. Like blue butterflies.
- LOBELIA cardinalis**—2½-3'. Red, July-Aug., best at waterside.
- LUPINUS polyphyllus**—3-4'. Deep blue spikes, June-July.
- Alba**—3-4'. White, June-July.
- Rosea**—3-4'. Varying pink shades, June-July.
- LYCHINIS chalcidonica** (Maltese Cross)—Brilliant scarlet, June to Sept.
- Viscaria splendens fl. pl.**—Bright rose in spikes.
- LYTHRUM salicaria roseum**—3-3½'. Rose, July-Aug., ideal for massing.
- MAZUS rugosus**—3-4". Lilac, May-June, quickly forms mat.
- MONARDA Cambridge Scarlet**—2½-3'. Red, June-Aug., rampant grower.
- MUEHLENBECKIA nana**—2-3". A neat carpeter, very uncommon. \$.50 each; \$4.50 doz.
- MYOSOTIS palustris** (Forget-Me-Not)—Blue, May-Sept., for shade.
- NEPETA mussini**—8-12". Mauve, April-June, soft gray foliage.
- OENOTHERA missouriensis**—9-12". Yellow, June-Aug., large leaves.
- Youngei**—1½-2'. Yellow, June-Aug., bronzy foliage.
- PACHYSANDRA** (See page 8).
- PAPAVER nudicaule** (Iceland Poppy)
- Gellolo**—Attractive.
- Gibson Giant**—Orange.
- Elmont**—Tangerine.
- Oriente** (Oriental Poppy).
- Beauty of Livermere**—Deep red.
- Mrs. Perry**—Salmon-pink, striking.
- PENTSTEMON barbatus, Torreyi**—2½-3'. Coral red, June-July, spikes.

## Paeonia—The Peony

Only a few of the very highest rated Peonies listed here. (Amer. Peony Society ratings). Strong 3 to 5 eye divisions. ORDER EARLY. Should be in the ground by early April.

### SELECT DOUBLE PEONIES

- (Each)
- Baroness Schroeder**—9.0. Late mid-season. A large double flesh-white to soft pink. . . . . \$ .50
- Cornelia Saylor**—9.1. An exquisite late soft rose. One of the best of its color. . . . . 2.50
- Elizabeth B. Browning**—9.2. Huge fragrant flowers very late. Opens bluish, turning white. . . . . 1.00
- Festiva Maxima**—9.3. Large, early white, crimson flecks at center. Perfect rose type . . . . . .50
- Frances Willard**—9.1. A constant prize-winner. Very large fragrant blush, changing white. . . . . 1.00
- Kelway's Glorious**—9.8. Second highest rated Peony. Immense, creamy white. Rose fragrance. . . . . 2.50
- Le Cygne**—9.9. The highest rated Peony. Very large, early, ivory-white. Exquisitely fragrant. Early. . . . . 2.50
- Longfellow**—9.0. Bright crimson, a constant prize-winner. . . . . 1.00
- Martha Bullock**—9.1. Up to 12 inches in diameter, rose-pink, lighter center, rose fragrance. Late. . . . . 1.50
- Mme. Jules Dessert**—9.4. Delicate flesh-pink, shading to creamy white. . . . . 1.00
- Mons. Jules Elie**—9.2. Best of the pink Peonies, center like a large Chrysanthemum. Early, pleasing fragrance. . . . . .50
- Mrs. A. M. Brand**—9.6. Very large, perfect form; pure white and exquisitely fragrant. Late. . . . . 4.00
- Mrs. Edw. Harding**—9.3. Sold for \$100. Large, handsome white, with golden reflection. . . . . 1.50
- Nancy Dolman**—9.1. Late. Huge. Requires 10 days to open. Beautiful soft pink. . . . . 5.00
- Philippe Rivoire**—9.2. Richly scented, early, very dark crimson with blackish sheen. The best red Peony in the world. . . . . 2.50
- President Wilson**—9.3. Opens soft rose-pink, changing to shell-pink. Spicy fragrance. Late. . . . . 3.00
- Solange**—9.7. One of the highest rated varieties, coffee-and-cream color. No other peony like it. Late. . . . . 1.50
- Therese**—9.8. The world's best pink. Very large, with delightful fragrance. . . . . 1.00
- Tourangelle**—9.4. Late. Large, fragrant, pearly white, suffused tan-and-pink. . . . . 1.00
- Walter Faxon**—9.3. Soft coral-pink, lighter at the tips and deeper at the base. Delightfully fragrant. . . . . 1.00

### JAPANESE AND SINGLE PEONIES

Different, more aristocratic type. Fairly new and scarce. Highly recommended.



*Fuji-Zomo-Gorono*

- (Each)
- Albiflora** (The Bride)—8.7. Early. Popular large white with bright yellow stamens. \$1.00
- Fuji-no-mine**—Fine Japanese white of unknown origin. . . . . 1.00
- Fuji-Zomo-Gorono**—One of the best light pinks, center pure gold. . . . . 2.50
- Fuyajo**—9.2. A highly rated Japanese Peony. Dark, rich, mahogany red. . . . . 1.50
- Isani-Gidui**—9.3. Two rows of petals of pure white, with center of rich buff. Very high rating. . . . . 3.50
- King of England**—8.6. Very large. Dark madder-red, with a center of buff, streaked rose-pink. . . . . 1.50
- Margaret Atwood**—8.7. Large, pure white, with an occasional pink flush, center a ball of gold. . . . . 5.00
- Marguerite Dessert**—8.5. A beautiful white variety, powdered with minute carmine dots. . . . . 1.50
- Mikado**—8.6. A magnificent landscape variety. The crimson guards surround a center of chamois. . . . . 1.00
- Nellie**—8.6. Large shell-pink, yellow stamens. . . . . 1.00
- Nippon Beauty**—9.38. An extraordinary high rating for a dark red Japanese Peony. Sensational novelty. . . . . 25.00
- Some Ganoko**—9.0. Very fragrant. Rich, velvety, dark madder-red, center golden yellow. . . . . 2.50
- Silvia Saunders**—9.0. Early. A lovely new pink water-lily effect. Yellow center. . . . . 12.50
- Tokio**—8.9. A beautiful large flower, with guards of rose-pink and center of pink, yellow and buff. . . . . 1.50

### THREE GORGEOUS PEONY ARISTOCRATS—\$5.50 Postpaid



*Therese*—the best of all pinks—9.8



*Philippe Rivoire*—the best red—9.2



*Le Cygne*—the wonderful 9.9—white

# Perennials

30 cents each, six of one kind at \$3.00 per dozen (except where noted).

**PHLOX**  
**Subulata**—4-6". Rose, April-May, good ground cover.  
**Alba**—4-6". White, April-May, a sheet of snow.  
**Vivid**—4-6". Bright rose, April-May, never weedy.  
**Decussata**—1½-2½'. July-Sept.  
**Alpha**—Brilliant rosy pink, long trusses.  
**B. Comte**—French purple.  
**Betty Lou**—New glowing orange scarlet.  
**Beacon**—Bright red.  
**Comus**—Clear cherry-red, overspread scarlet.  
**E. I. Farrington**—Soft salmon pink. An improved Campbell.  
**Europe**—White; decided crimson eye.  
**Feuerbrand**—Brilliant crimson-scarlet.  
**Jeanne d'Arc**—Pure white; late.  
**Jules Sandeau**—Dwarf pure pink.  
**LaVague**—Mauve with earmine eye.  
**Lord Raleigh**—Purple, white markings.  
**Miss Lingard**—White, pink center. Early.  
**Mrs. Jenkins**—Beautiful clear white.  
**Mrs. Milly van Hoboken**—New. Large soft pink.  
**Nicholas Flammel**—Beautiful new red.  
**Painted Lady**—Silver pink with red eye.  
**Pantheon**—Brilliant rose.  
**R. P. Strauthers**—Salmon, crimson eye.  
**Rheinlander**—Beautiful salmon-pink.  
**Rijnstroom**—Color of Paul Neyron rose.  
**Riverton Jewell**—Deep pink, dark red eye.  
**Special French**—Beautiful clear pink.  
**Thor**—Deep salmon-pink.  
**Von Hochberg**—Deep crimson.  
**PHYSALIS franchetti** (Chinese Lantern)—Orange seed pods. Oct. for cutting.  
**PHYSOSTEGIA virginiana**—2½-3'. Pink spires, July-Aug., easily grown.  
**Vivid**—1½-2'. Deep pink, July-Aug., compact, dwarf.  
**PLATYCODON grandiflorum**—1½-2'. Blue, June-July, will stand shade.  
**Album**—1½-2'. White, June-July, large open cups.  
**PLUMBAGO larpentae**—9-12". Blue, July-Sept., best late rock plant.  
**POLEMONIUM reptans**—9-12". Blue, May-June, attractive leaves.  
**PRIMULA denticulata**—9-12". Violet, May-June.  
**PRIMULA polyanthus**—6-9". Various, May-June, yellow and white.  
**Veris**—15-18". Yellow, June-July.  
**PYRETHRUM hybridum**—2-2½'. Mixed, June-Aug., good for cutting.  
**RUDBECKIA purpurea**—Purple, July-Oct.  
**SALVIA azurea**—3-4'. Waving wands of light blue, Aug.  
**SAPONARIA ocymoides splendens**—9-12". Deep rose, May-July, quick growing.  
**SCABIOSA caucasica**—2'. Lavender, all summer, wiry stems.  
**SEDUM acre**—2-3". Yellow, May-June, for dry places.  
**Album**—3-4". White, May-June, ground cover.  
**Kamtschaticum**—6-8". Yellow, June-July, vigorous, green.  
**Sarmentosum**—4-6". Yellow, June-July, July, rapid ground cover.  
**Sexangulare**—2-3". Yellow, June, low bronze moss.  
**Sieboldi**—6-9". Pink, Aug.-Sept., best flowering variety.  
**Spectabile, Brilliant**—15-18". Heads rosy-red, July-Sept., gray leaves.  
**SEMPERVIVUM arachnoideum**—4-6". Red, July, most unusual.  
**Globiferum**—6-9". Yellow, July, red in winter.  
**STATICE latifolium** (Sea Lavender)—Lilac, July-Aug.  
**STOKESIA laevis**—1½-2'. Blue, July-Aug. A splendid cut flower.  
**THYMUS serpyllum albus**—2-3". White, June-July. A carpet of snow.

**Coccineus**—2-3". Deep pink, June-July for paved walks.  
**Lanuginosus**—3-4". Silvery foliage, a lovely woolly mat.  
**TRADESCANTIA virginica** (Spiderwort)—Blue flowers all summer.  
**TRITOMA Pfitzeriana** (Red-Hot Poker)—Orange-scarlet. Aug. to Oct.  
**TROLLIUS ledebori, Orange Globe**—Orange-Yellow. May-Sept.  
**VALERIANA officinalis** (Hardy Heliotrope)—Rose-white flowers, June and July.  
**VERONICA filiformis**—2-3". Blue, April-May, evergreen carpet.  
**Incana**—9-12". Deep blue, June-July, silvery foliage.  
**Longifolia subsessilis**—1½-2'. Violet-blue, Aug., good cut flower.  
**Pectinata**—3-4"—Blue, June, gray erinkled leaves.  
**Spicata**—15-18". Spikes deep blue, June.  
**VINCA MINOR**—4-6". Lilac-blue, April-May, ground cover.  
**VIOLAS**  
**Imperial Blue**—Large, in profusion.  
**Odorata, Rosina**—Fragrant rose-pink.  
**Wedgewood**—Dark blue. Large flower.  
**Jersey Gem**—8 inches. An improved variety with showy violet-blue flowers which are produced more freely and over a longer season than most.



*Veronica spicata* (Speedwell)

This genus varies from fine border plants to dwarf mats.



## The Rock Garden

### ROCK GARDEN EVERGREENS

#### PERENNIALS FOR ROCK GARDENS

*Ajuga reptans*  
*Alyssum saxatile*  
*Anchusa myosotidiflora*  
*Anemone Hupehensis*  
*Arabis alpina*  
*Armeria maritima*  
*Aubretia deltoides*  
*Campanula carpatica*  
*Campanula rotundifolia*  
*Cerastium tomentosum*  
*Cheiranthus Allioni*  
*Chrysanthemum Glory of Seven Oaks*  
*Dianthus deltoides*  
*Dianthus plumarius*  
*Dicentra eximia*  
*Geum, Mrs. Bradshaw*  
*Gypsophila repens*  
*Heuchera sanguinea*  
*Iberis gibraltarica*  
*Iberis sempervivum*  
*Iris cristata*  
*Linum perenne*  
*Lychnis viscaria splendens*  
*Mazus rugosus*  
*Myosotis palustris semper-florens*  
*Nepeta Mussini*  
*Papaver, Iceland*  
*Pulmonaria saccharata*  
*Phlox divaricata*  
*Phlox subulata*  
*Polyanthus, yellow*  
*Primula japonica*  
*Primula veris*  
*Saponaria ocymoides*  
*Scabiosa japonica*  
*Sedum acre*  
*Sedum album*  
*Sedum murale*  
*Sedum sexangulare*  
*Statice latifolia*  
*Thymus*  
*Veronica filiformis*  
*Veronica incana*  
*Veronica pectinata rosea*  
*Viola, Jersey Gem*

Priced and described on other pages of this Guide:

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# Evergreen Hedges

WHEN winter winds blow there is protection and warmth from Evergreens only. Moreover, the dark green makes a fine background for the display of flowering beauty that spring and summer bring. A few of the best hedges are pictured here, but write us your problem and we will write you our recommendations for definite cases.

## How Far Apart to Plant for Hedges?

The best results are obtained from evergreens 12 to 24 inches high, planted 18 inches apart. Plants from 2 to 4 feet high should be set 2 feet apart. Plants 4 to 6 feet high should be set 2½ to 3 feet apart.

### JAPANESE YEW HEDGE

This is the hardiest of the Yews (See page 19) and should give to America the fine hedges the English Yew gives to Europe. It continues putting on new growth all summer, so may be pruned with sharp knife or shears at any time. Allow it to grow about two to four inches each year—no more. Keep the bottom wider than the top.

### A HEDGE OF HEMLOCK— Soft and Dense

One of the finest Evergreen Hedges. Trim it so as to be wide at the bottom and narrow at top. Can be sheared at any time during summer. Allow it to grow 4 to 6 inches a year—cut off the rest of the new growth. To avoid a formal effect, prune in June or early July, so that late summer growth will hide the wounds.

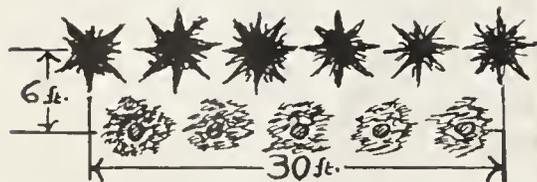
### ARBORVITAE (Thuja)

This makes a fine hedge in the North. Prune any time during the Summer. Cut inside the surface—do not mutilate the foliage itself. Can be kept to narrow width. Should increase about 2 or 3 inches height each year.

### JAPANESE CYPRESS (Retinospora)

Like the above, but better adapted to climate Zones V and VI. Can be allowed to grow 4 to 6 inches a year and still remain dense and bushy. (See page 13.)

### PINE and SPRUCE SCREEN



A section from a screen that has proved practical. A line of Spruce six feet apart and behind them a line of Pine, alternating. The low branches of Spruce and the spreading tops of Pine make a dense screen. For the North—Zones I and II. Prune once in June.



Japanese Yew



Pine (Resinosa)



Hemlock



Retinospora



Spruce (Excelsa)

## EVERGREEN BARGAINS

### FOR HEDGES AND SCREENS

"B. & B." = Balled, burlapped specimens.  
"X" = One transplanting (bare root).

<b>FIR (Abies)</b>	(100)	(1000)
<b>Balsam Fir</b>		
12 to 18 inches X . . . . .	\$ 5.00	\$ 35.00
<b>Nikko Fir (Brachyphilla)</b>		
10 to 12 inches X . . . . .	10.00	90.00
<b>Concolor Fir (White Fir)</b>		
10 to 15 inches XX . . . . .	20.00	150.00
2 to 3 feet, B. & B. . . . .	80.00	550.00
<b>Douglas Fir</b>		
12 to 15 in., XX bushy . . . . .	15.00	100.00
15 to 18 in. XX bushy . . . . .	20.00	120.00
4 to 5 feet, B. & B. . . . .	180.00	.....
6 to 7 feet, B. & B. . . . .	230.00	.....
<b>SPRUCE (Picea)</b>		
<b>White</b>		
18 to 24 inches X . . . . .	\$8.00	\$40.00
<b>Norway</b>		
12 to 18 inches X . . . . .	7.00	32.00
18 to 24 inches X . . . . .	8.00	40.00
15 to 18 inches XX . . . . .	10.00	90.00
<b>Colorado Blue</b>		
9 to 12 inches X . . . . .	8.00	55.00
12 to 18 inches X . . . . .	9.00	60.00
12 to 15 in. XX bushy . . . . .	28.00	250.00
<b>Engelmann Blue</b>		
9 to 12 inches XX . . . . .	8.00	50.00
<b>PINES (Pinus)</b>		
<b>Austrian</b>		
7 to 18 inches X . . . . .	\$10.00	\$70.00
<b>Red (Resinosa)</b>		
2 to 3 feet X . . . . .	10.00	90.00
2 to 3 feet XXX . . . . .	20.00	150.00
2 to 3 feet, B. & B. . . . .	50.00	475.00
3 to 3½ feet, B. & B. . . . .	100.00	900.00
2 to 3½ feet, B. & B. . . . .	.....	600.00
<b>Scotch Pine</b>		
16 to 24 inches X . . . . .	6.00	28.00
<b>ARBORVITAE (Thuja)</b>		
<b>American</b>		
15 to 18 in. XX bushy . . . . .	\$16.00	\$140.00
18 to 24 in. XX bushy . . . . .	24.00	200.00
4 to 5 feet, B. & B. . . . .	100.00	.....
<b>Pyramidal</b>		
10 to 15 inches X . . . . .	\$15.00	\$140.00
<b>YEW (Taxus)</b>		
<b>Upright Japanese Yew</b>		
12 to 15 inches XX . . . . .	\$30.00	\$300.00
18 to 24 inches XX . . . . .	60.00	500.00
<b>Brevifolia (Dwarf—for edging)</b>		
8 to 12 inches, B. & B. . . . .	50.00	400.00
15 to 18 inches, B. & B. . . . .	100.00	.....
<b>HEMLOCK (Tsuga)</b>		
18 to 36 inches X . . . . .	\$20.00	\$150.00
18 to 24 inches XX . . . . .	40.00	250.00
3 to 4 feet, B. & B. . . . .	70.00	.....

YOUR CHOICE OF THESE heavy, bushy, well transplanted, sheared SPECIMENS—perfect examples of the finest art of tree growing—at the rate of \$1.85 each, f.o.b. New Jersey, packing at cost. Or ANY FIVE including packing B. & B. for . . . . . \$10.00

<b>Azalea Kaempferi Hybrids</b> . . . . .	18-24 inch
<b>Bloodleaf Japan Maple</b> . . . . .	18-24 inch
<b>Retinospora obtusa Youngi</b> . . . . .	4-5 feet
<b>Cryptomeria jap. Lobbi</b> . . . . .	4-5 feet
<b>Juniper chinensis column</b> . . . . .	4-5 feet
(both blue and green)	
<b>Juniperus Pfitzeriana</b> . . . . .	4-5 feet
<b>Junip. Virginiana Glauca</b> . . . . .	4-5 feet
<b>Junip. Virgin. Kosteriana</b> . . . . .	4-5 feet
<b>Taxus cuspid. capitata</b> . . . . .	2½-3 feet
<b>Taxus cuspid. spreading</b> . . . . .	2-3 feet
<b>Taxus media Hicksii</b> . . . . .	2-3 feet
<b>Thuja occid. rosenthalii</b> . . . . .	3-4 feet
<b>Thuja occid. spiralis</b> . . . . .	4-5 feet

THIS IS THE MOST EXTRAORDINARY OFFER WE HAVE EVER HEARD OF!