

## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

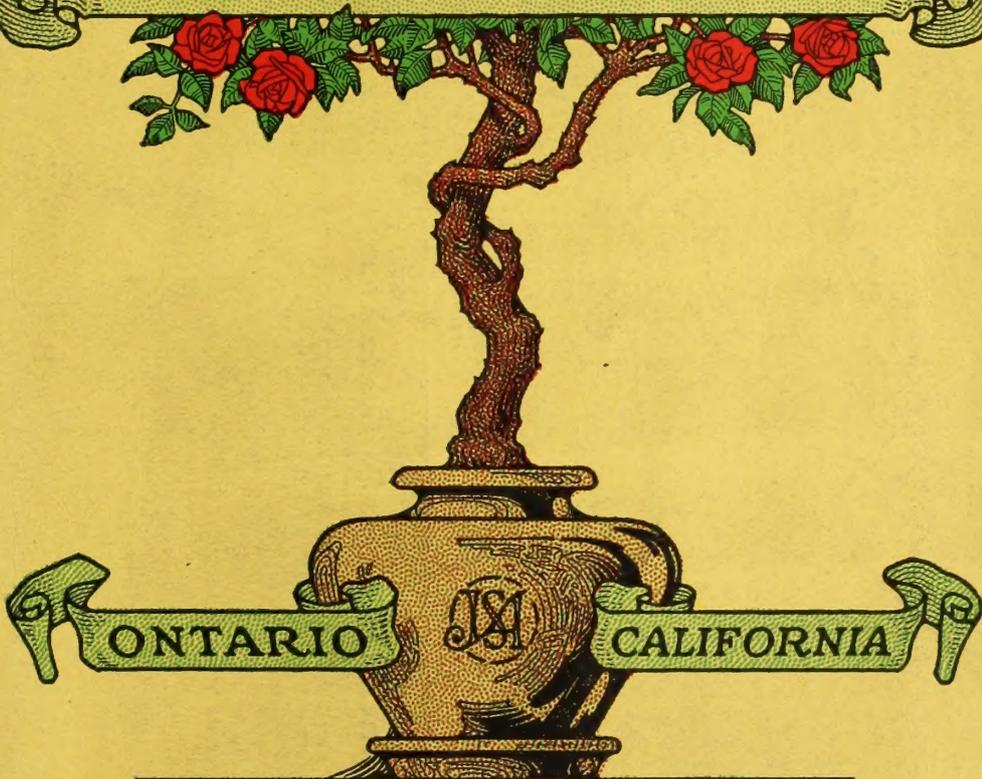


62.09

1931

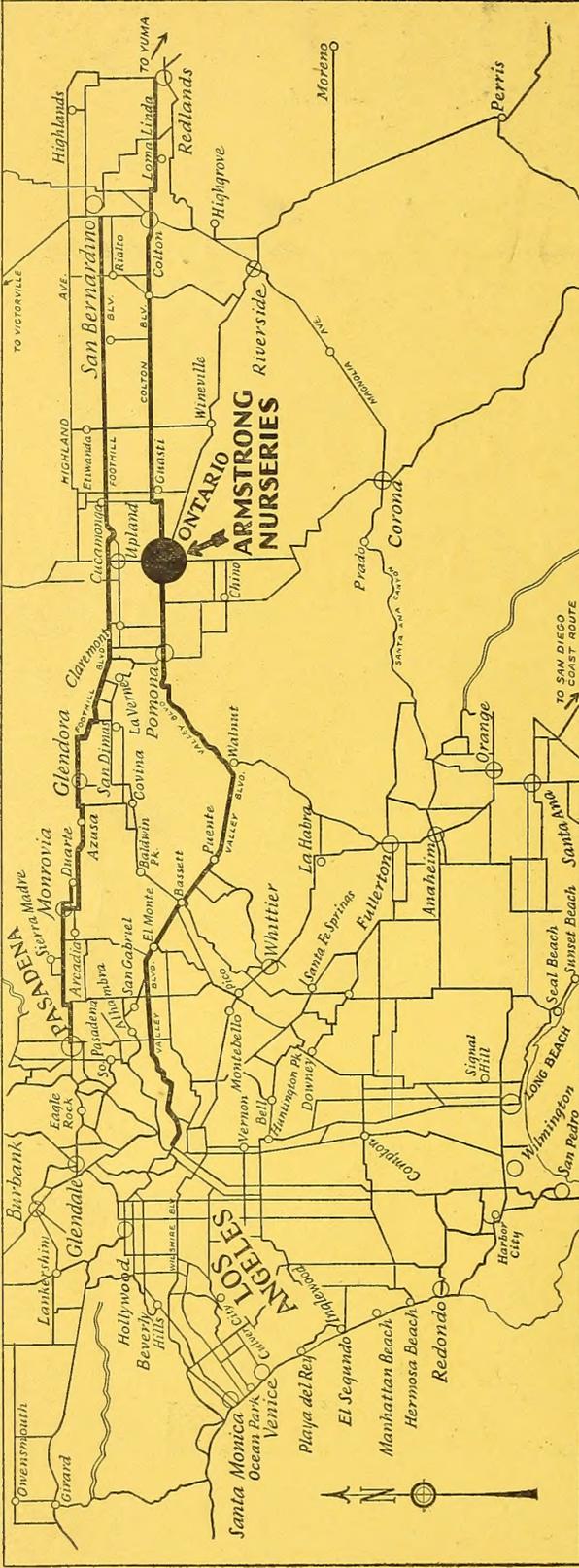
LIBRARY  
RECEIVED  
DEC 13 1930  
U. S. Department of Agriculture

Armstrong Nurseries



"We Grow and Make Friends"

FORTIETH ANNIVERSARY EDITION



### How the Armstrong Nurseries Get to You

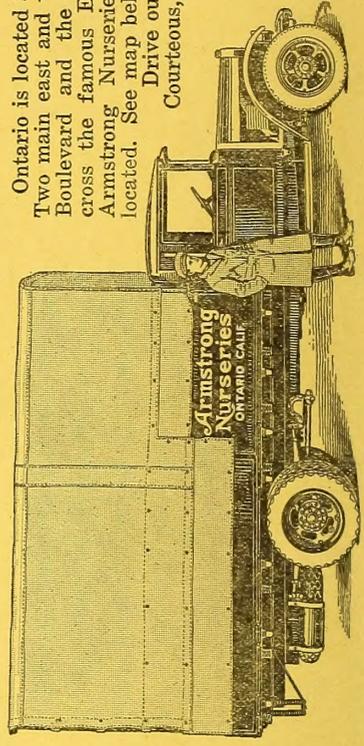
Truck shown at right is one of our fleet engaged in delivering our products fresh from the soil to all accessible points shown on the map above. Covered trucks protect the trees and plants from damaging sun and wind.

To all points shown below and south of Saugus we deliver orders amounting to \$20.00 or more free; and charge \$1.00 for each order of less than \$20.00. To points within 25 miles of Ontario orders amounting to \$10.00 delivered free, with a 50c delivery charge on smaller orders. During the planting season loads are combined for each locality at least one day each week, and in the Los Angeles district nearly every day. Regular deliveries to Santa Barbara and San Diego at less than cost.

### How You Get to the Armstrong Nurseries

Ontario is located 38 miles east of Los Angeles. Two main east and west boulevards, the Pothill Boulevard and the Ocean to Ocean Highway, cross the famous Euclid Avenue on which the Armstrong Nurseries office and salesyard are located. See map below.

Drive out—make your own selections. Courteous, experienced salesmen are in attendance to show you around our ground and to give you such information as you may require regarding your planting. If you cannot do this, send your order by mail and we will fill it with greatest care.



 Use other side of this order blank first.

AMOUNT BROUGHT FORWARD

ARTICLES WANTED

Quantity

Size

Price Each

TOTAL

Clerk's Check

TOTAL AMOUNT

Kindly fill in the blanks below with names and addresses of neighbors who would be interested in planting

NAME

Street, Postoffice Box or Rural Route and Box Number

Town and State



DO NOT fail to use this Order Blank.

# ARMSTRONG NURSERIES. ONTARIO, CALIFORNIA

Order Number

Date 193

Amount Enclosed:

SOLD TO \_\_\_\_\_  
[PLEASE PRINT NAME]

P. O. ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

SHIP TO \_\_\_\_\_

ADDRESS \_\_\_\_\_

Filled	_____
Chkd	_____
Pkd	_____
Bales	_____
Boxes	_____
Crates	_____
Pkgs.	_____
Shpd	_____

When to be Shipped:

How to be Shipped:

Express, Freight, Mail or Truck

(To be filled in only if Shipping Point is different from Postoffice Address)  
If any item is out of stock, may we substitute? Write Yes or No

Clerk's Check

Quantity

ARTICLE WANTED

Size

Price Each

TOTAL

DOLLARS

CENTS

The Armstrong Nurseries will exercise care to have all stock true to name, nevertheless it is understood and agreed that should any stock prove untrue to name, the Armstrong Nurseries shall be liable only for the sum paid for the stock which may prove untrue, and shall not be liable for from flood, drought, frost or other causes beyond their control. All orders travel at risk and cost of purchaser.

Amount Carried Forward

(OVER)



*Office and Sales Yard, Euclid Ave., D to E Street, Ontario, Calif.*

## Please Observe when Ordering

**USE THE ORDER SHEET.** The order sheet is for your convenience. Its use will save both your time and ours, and will greatly reduce the possibilities of mistakes. If in doubt as to the method of shipment, it may be left to our judgment.

**TERMS.** Cash. Send postoffice or express money order, registered letter, bank draft or check. No order will be sent C.O.D. unless accompanied by one-half the amount.

**SHIPPING CHARGES.** All charges for transportation by freight or express collected at destination unless arrangements are made to prepay shipment. On orders to be forwarded by mail, we ask that 10% of the amount of the order be included with your remittance to pay the postage. If postage is less than this amount, the balance will be returned to you when order is shipped.

**SUBSTITUTION.** Please state when ordering an assortment whether substitution will be allowed, as we feel at liberty, when no instructions accompany the order, to use similar varieties when we are out of the kinds named. We never substitute on large orders for commercial planting without consulting the customer.

**PACKING.** No charge is made for packing on retail orders to any point in the United States, Canada or Mexico. When extra packing is necessary for shipments to Foreign Countries, a charge is made only to cover cost of material.

**INSPECTION.** We guarantee all our shipments to pass inspection wherever shipped. On California shipments we notify the Agricultural Commissioner of the County of destination, of the contents, with the name of the party to whom shipped. The local inspector, according to law, must examine stock on arrival.

**TRUCK DELIVERIES.** A small diagram showing the location of your planting grounds with reference to a cross street on either side and nearest main boulevard will be of great help to our delivery men and enable us to serve you better. See inside front cover for further information.

**GUARANTEE.** The Armstrong Nurseries will exercise care to have all stock true to name, nevertheless it is understood and agreed that should any stock prove untrue to name, the Armstrong Nurseries shall be liable only for the sum paid for the stock which may prove untrue, and shall not be liable for any greater amount. The Armstrong Nurseries book all orders with the understanding that same shall be void if injury befall the stock from flood, drought, frost or any other causes beyond their control.

## Armstrong Nurseries

PHONE ONTARIO 102

ONTARIO, CALIFORNIA

Copyright, 1931, by John S. Armstrong



# Select Citrus and Sub-Tropical Fruits

## AVOCADOS

Avocados are divided into two classes: the thick-skinned varieties and the hardier, thin-skinned sorts, each having its own advantages and different climatic requirements, so that the fruit may be grown successfully over a large range of territory. The thick-skinned varieties are best adapted for commercial planting, owing to their large size and shipping qualities.

The thin-skinned sorts are smaller and are poor shippers but they are much hardier, and because of their excellent flavor and quality, and unusually prolific bearing-habit, are highly esteemed for home use and nearby markets.

If customers are not sure which varieties will be most satisfactory in their location we will be glad to make the selections.

The ripening dates given for each variety is only approximate since the exact time of ripening varies with the location. Avocados ripen earliest in the extreme southern portion of the state and latest in the northern portion.

Our Avocado trees are all grown upon selected hardy Mexican seedlings and we use the utmost care in the selection of the buds, most of them being cut from the best fruiting trees in the well known Alta Mira Orchards at North Whittier Heights. We have specialized in avocados since the industry started in California and there is no better nursery stock in the state than ours. All trees are shipped with balls of earth on the roots except for long-distance shipments, in which case the trees are usually handled with bare roots, packed in moss, the tops cut back.

Planting instructions will accompany every shipment of Avocado trees and also a yucca tree protector for covering the trunk of each tree.

Most of the varieties of this group are of Central American origin, having thick shell-like or leathery skins and include all of the commercial sorts for long distance shipping. They are comparatively tender but will grow wherever the Lemon thrives and are not injured by temperatures above 30 degrees.

Balled, field grown, weight 60 to 100 lbs.

Ten assorted Avocados at the 10 rate; 50 at 100 rate.

	Each	Per 10	Per 100
6 to 8 feet.....	\$4.50	\$40.00	\$350.00
5 to 6 feet.....	4.00	35.00	300.00
4 to 5 feet.....	3.50	30.00	250.00
3 to 4 feet.....	3.00	25.00	200.00

Lyon is \$1.00 per tree higher than above prices.

Write for special price on 300 or more trees.

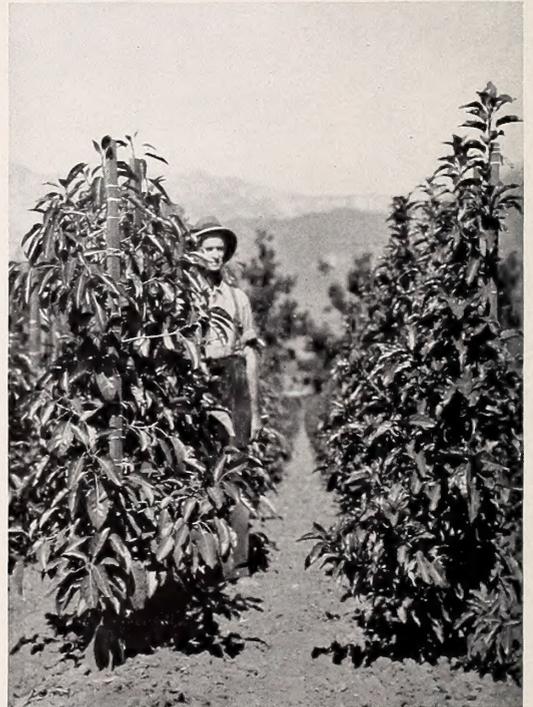
### Thick-Skinned Avocados

**Anaheim.** Fruit oval, glossy green, 18 to 24 ounces in weight; of excellent quality, a fine home fruit and also being planted to a considerable extent commercially, and seems to be well suited to the coast districts. A tall, slender tree well adapted to inter-planting. June to September.

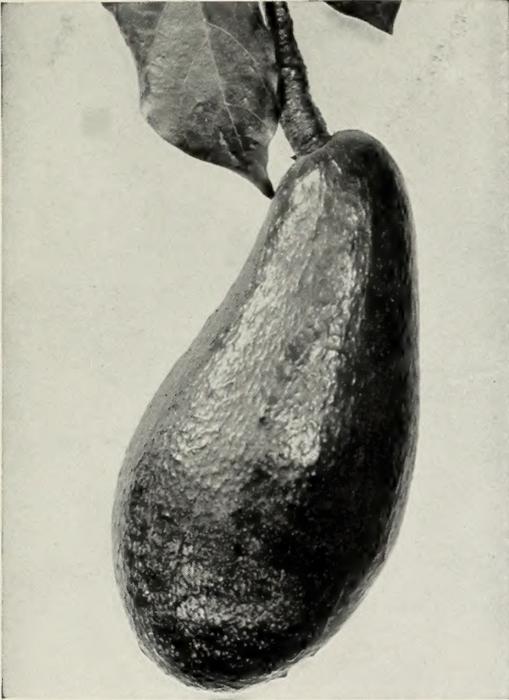
**Benik.** A Guatemalan introduction recommended for experimental planting which has proved to be a very heavy bearer. Pear-shaped fruit, weighing about a pound; of exceptional quality; purplish maroon in color, with a small seed. May to August.

**Carlsbad.** A new fruit which has shown up very favorably indeed as to yield and quality in the coast districts. It is a pear-shaped, one-pound fruit, smooth-skinned, mahogany-purple in color, and of delicious flavor. It matures in the spring, and the tree is very prolific. March to July.

**Dickinson.** A medium sized fruit averaging one pound; oval in shape with a rough dark purple skin. Its only fault from a commercial standpoint is the very thick skin which makes it difficult to tell when the fruit is overripe. A fine home fruit, being a prolific and vigorous tree. March to August.



**ARMSTRONG TREES READY FOR DELIVERY**  
Photographed in Our Avocado Nursery, Nov. 3, 1930



**FUERTE AVOCADO**

The Standard Variety for Commercial Planting and for Home Use, Except in Colder Sections

**Fuerte.** Holds the commanding position among Avocados at the present time, both for home and commercial planting. The rich quality and high flavor of the fruit keeps it in the lead. The fruit is pyriform to oblong; medium size, with a smooth green skin which separates readily from the creamy, yellow, buttery flesh. Fruit usually picked in winter but in some localities have been known to ripen in late fall and early spring, the fruit hanging on for a long time after ripening. Should be in every planting. November to June.

**Itzamna.** Another new Guatemalan fruit which is showing up well. Pear-shaped; 14 to 16 ounces; skin slightly rough, light green in color; quality excellent. The fruit hangs on longer when mature than most summer fruits. August to October.

**Kashlan.** A little known Guatemalan variety which has been tried in Southern California for several years, and because of its extremely fine qualities both for commercial and home planting, we are offering it this season. The fruit is almost round, averaging 20 ounces; smooth skin; green in color, with an unusually small seed. The fruit hangs in clusters, and the foliage is very large and because of its beauty it makes a handsome ornamental tree; quite large and shapely. May to July.

**Linda.** The largest Avocado commonly grown in California, averaging 2 pounds; round, with a rough purple skin, and its immense size does not detract from its quality, which is very high. The tree has very beautiful bronze foliage, but should only be planted in the warmer sections. May to October.

**Lyon.** For early and prolific bearing, the Lyon has no superior since it usually bears the second year after planting. For quality also, there is nothing better. Fruit large, 18 ounces; pear-shaped, with a rough green skin. The tree is an upright, exceedingly slender grower, requires very little space and is suitable for inter-planting. The trees are difficult to grow and are always scarce. The price is \$1.00 per tree higher than quoted above. May to July.

**Mayapan.** Nearly round, averaging 1 pound; brownish purple, with a thick skin, and of very fine quality. One of the heaviest and most consistent bearers in all sections, and the fruit seldom blows off in the wind. The tree is tall and slender. May to August.

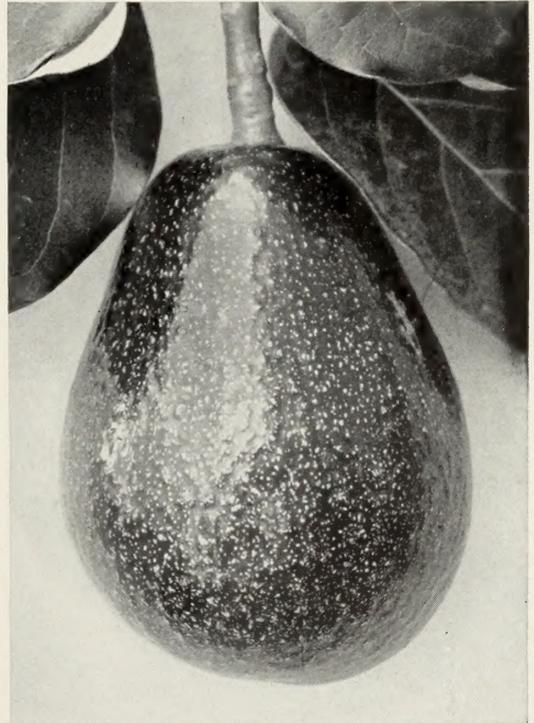
**Nabal.** A new Avocado which in the last three years has been looked upon with a great deal of favor, and many growers rank it second only to Fuerte as a commercial fruit. Fruit round, 16 to 20 ounces; smooth green skin; seed small. The tree is a good grower and is wind-resistant, while it seems to be consistent in bearing qualities. June-July.

**Panchoy.** A large two-pound, pear-shaped fruit, green skinned, with a small seed. The fruit is of good quality and all growers who have it in bearing seem to like it. The beautiful, big, large-foliaged tree is very handsome and comes into bearing early. June to August.

**Prince.** A good late fall and winter fruit of fine quality. Of large size, 16 to 20 ounces; green; pear-shaped, with a small seed. Good Avocados are scarce at this season of the year, and the Prince, being a high quality fruit helps to fill this lack. December to March.

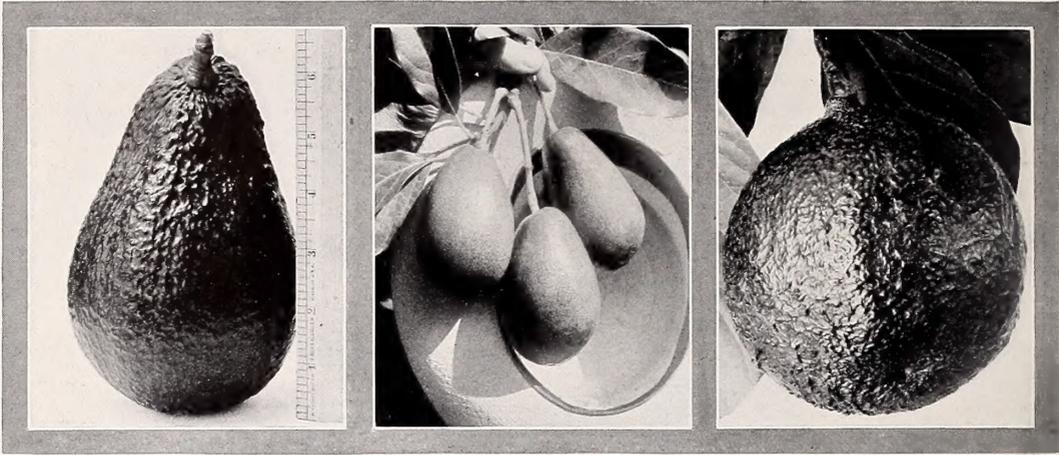
**Queen.** Very large, pear-shaped fruit, somewhat corrugated, weighing 1½ to 2 pounds; purplish maroon in color, and because of its extremely high quality, it should be in every coastal planting. A beautiful spreading but rather tender tree. March to October.

**Sharpless.** We discarded this variety several years ago because there were so many reports of its being a shy bearer. However, it is such an extremely high quality fruit and there have been so many demands for it that we have grown it again. Fruit pear-shaped; 16 to 24 ounces, with a rough purple skin. Ripens May to October.



**PUEBLA AVOCADO**

The Finest of the Thin-Skinned Avocados. Esteemed for its Flavor and Bearing Qualities



**PRINCE AVOCADO**  
A Fine Winter Fruit

**GANTER AVOCADO**  
A Good Hardy Home Fruit

**NABAL AVOCADO**  
Promising New Thick Skin

## Thin-Skinned Avocados

The thin-skinned, Mexican Avocados are quite hardy and usually need no protection unless the thermometer goes below 25 degrees. They are therefore best for planting in the interior valleys and may safely be grown wherever oranges succeed. They all ripen in the fall of the year when thick-skinned avocados are very scarce or entirely absent.

The fruits are smaller than the thick-skinned kinds and because of their thin skins they are not suitable for long distance shipping.

Balled, field grown, weight 60 to 100 lbs.

Ten assorted Avocado trees at 10 rate.

	Each	Per 10	Per 100
6 to 8 feet.....	\$4.50	\$40.00	\$350.00
5 to 6 feet.....	4.00	35.00	300.00
4 to 5 feet.....	3.50	30.00	250.00
3 to 4 feet.....	3.00	25.00	200.00

**Blackbird.** The earliest thin skin on our list and an exceptionally good hardy Avocado for home planting. Fruit elongated oval, of medium size with a beautiful glossy purplish-black skin. Mild and pleasant flavor. August to October.

**Caliente.** A hardy variety which bears almost immediately after planting and continues to bear heavy and regular crops in all sections. The purple fruits are larger than most thin-skinned varieties and although the quality is not of the highest, its never-failing bearing habit makes it a popular fruit. September and October.

**Duke.** A thin-skinned, oval, green variety, larger than the average thin-skinned Avocado, which is undoubtedly one of the best fruits for home use and local markets, particularly in the colder sections, because, in addition to its regular bearing habit and its resistance to the heat of the interior valleys, the fruit is of the best quality. September and October.

**Ganter.** A medium sized, oval, green-skinned fruit of exceptional flavor and quality. It is one of the most dependable hardy Avocados, both as to consistent heavy bearing and resistance to frost. We highly recommend it for home use, particularly in the colder interior sections. October to December.

**Mexicola.** Possibly the hardest variety we grow and one which can be counted on to bear consistently, nearly always fruiting the second year after planting. The fruit is small, dark purple, of excellent quality and fine for home use. September.

**Northrup.** One of the most dependable and best known hardy Avocados. Pear-shaped, of medium size, with a smooth purple skin. Does not bear as young as some other kinds, but produces plenty of fruit within a few years. The quality is high and it grows rapidly into a large spreading, vigorous tree. October to December.

**Puebla.** The largest and finest of all Mexican thin-skinned varieties, but not as hardy as the majority of this race. Oval fruit; 8 to 12 ounces; deep maroon purple in color. Its smooth, yellow buttery flesh is exceptionally rich and fine. For home use and local markets there is nothing better, while it ripens after the other thin-skinned varieties are gone. November to February.

**Topa Topa.** Along with Duke and Puebla one of the best thin-skinned fruits for local markets because of its large size, handsome appearance and good quality. The fruit is elongated, 6 to 10 ounces, with a glossy purple skin. September to December.

## Combination Avocados

For planters who have space in their garden for but one or two Avocado trees we have grown trees upon which two varieties have been budded.

In July we insert in the main trunk of some of our largest one-year trees, a bud of different variety, this bud making a growth of 6 to 12 inches before the trees are dug. Such trees are not only practical but valuable and novel for home plantings.

We can supply the following combinations only. A bud of the first named kind is growing in the top of a large tree of the second kind. Those varieties in the right hand column are the hardiest and are best for colder sections.

Mayapan on Fuerte	Duke on Blackbird
Puebla on Fuerte	Duke on Mexicola
Nabal on Puebla	Ganter on Caliente

Balled trees, 5 to 6 feet, weighing about 80 pounds. Price \$7.50 each.

## Large Boxed Avocado Trees

We have selected the largest trees in our Avocado Nursery, ranging from 6 to 9 feet in height, and have placed them in large 18-inch boxes. When handled in this way, we can leave all of the branches and foliage on the trees and can get more of the small roots when they are dug, so that the tree keeps right on growing when transplanted and does not need to wait until established in the soil before it puts out new growth.

We are providing these trees for those planters who want big trees and quick results and they are well worth the additional cost. The weight of each tree, boxed, is about 400 pounds.

The following varieties only are available:

Fuerte	Caliente
Puebla	Dickinson

Price on large boxed trees, \$10.00 each.

We have also extra large boxed Combination trees as follows:

Ganter on Caliente	Mexicola on Caliente
--------------------	----------------------

Price on large boxed Combination Avocados, \$12.50 each.



## CHERIMOYA

The Delicious Creamy-Fleshed Custard Apple

## Cherimoyas

The Cherimoya is considered by many to be the finest of the sub-tropical fruits. The large heart-shaped fruit is borne on a small tree which seldom attains a height of more than 20 feet. The tree is never without leaves, but in the spring the new leaves pushing out directly under the old leaves, push the old leaves off, and clothe the tree with new leaves each year. The fruit is green in color with many small rough protuberances on the outside, while the flesh is smooth, white and of a custard-like consistency, giving the tree its common name of Custard Apple. Cherimoyas should not be planted where the temperature goes below 26 degrees, but they will stand light frosts without serious injury. Cherimoyas are becoming quite well known in the markets and since they keep and ship well, there is a commercial future for them.

Budded trees in 6-inch boxes, \$3.50 each; \$32.50 per 10.

**Booth.** Large to medium sized fruits, weighing about 3 pounds each, borne in profusion on a large, vigorous tree. The skin is smoother than on most Cherimoyas. Ripens February to May.

**Whaley.** Very similar to the Booth but has more prominent protuberances on the fruit. The flavor and quality of both varieties is of the best.

## Papaya

The Papaya is one of the most delicious table fruits of the tropics and while too tender for most of California, it will grow and bear fruit in sheltered, frostless locations. The plants grow with great rapidity and should bear their large, luscious, melon-like fruits within two years. The Papaya is more like a giant herbaceous plant than a tree and has a luxuriant tropical palm-like appearance with very large leaves 1 to 2 feet across, at the top of the large unbranched trunk. It requires a warm, sunny, well drained location, with plenty of water and fertilizer.

Since the male and female flowers are borne on separate plants, at least three plants should be planted out together in order to be sure that at least one of each sex will be present. Plants in 6-inch boxes, 1 to 2 feet, \$2.00 each; \$17.50 per 10.

## Queensland Nut

(*Macadamia ternifolia*)

A sub-tropical nut tree from the Eastern coast of Australia. It is a beautiful ornamental tree with a dense rounded head of long narrow dark green leaves, and attains a height of 20 to 35 feet. The nuts are about 1 1/4 inches in diameter, round and hard shelled, with a tender white kernel very rich in oil. In delicacy of flavor they resemble the Brazil Nut, but are milder and more tender.

We believe that the Macadamia will be much more widely planted when better known and may become an important commercial product in this country. Our trees are seedlings and they vary somewhat in size of nut and thickness of shell but results with all trees will be fairly uniform.

The trees begin to bear in 5 to 6 years from planting and usually bear good crops. It is healthy and vigorous, is not subject to serious pests or diseases and does not require more than ordinary care. Even when young the trees are not damaged by temperatures higher than 26 degrees.

For ornamental planting alone the Macadamia is a beautiful tree and with the additional value of annual crops of excellent nuts it should be generally planted. In 6-inch boxes, 1 1/2 to 2 feet, \$2.50.

## Granadilla

(*Passiflora edulis*)

The Granadilla, or Passion Fruit, is a strong, rapid-growing evergreen climbing vine, with large 3-lobed bright green leaves, bearing large numbers of dull purple fruits about the size of a hen's egg. The fruits are exceedingly fragrant and aromatic, and may be eaten fresh, in jams, or used for flavoring purposes. As an ornamental alone the vines make an excellent and rapid growing cover for fence and pergola. In Australia the Passion Fruit is widely grown on a commercial scale and there is no reason why it will not do as well here in California.

Strong plants in gallon containers, \$1.00 each, \$9.00 per 10; in 4-in. pots, 75c each, \$6.50 per 10.



## BEARING PAPAYAS

A Tropical Fruit for Frostless Sections

## Loquats

(*Eriobotrya japonica*)

The loquat is widely grown in California not alone for its fruit, but also as an ornamental tree. Since it is the earliest of the spring fruits, it is much relished. It is used for jelly, and when fully ripe, is delicious to eat fresh. The tree is quite hardy and thrives almost anywhere in California, but does best near the coast. The tree is evergreen and gets quite large in time.

Ten assorted Loquats sold at the 10 rate.

	Each	Per 10
Boxed, fruiting size.....	\$10.00	....
Balled, 4 to 5 feet.....	3.00	\$27.50
Balled, 3 to 4 feet.....	2.50	22.50
Balled, 2 to 3 feet.....	2.00	17.50
Balled, 1½ to 2 feet.....	1.50	12.50

**Advance.** One of the best Loquats for general use; large pear-shaped fruits; borne in compact clusters; skin deep yellow in color; flesh white, juicy and of pleasant flavor. March to June.

**Champagne.** The individual fruit is larger than the Advance, and of the very finest quality, but it does not bear quite so heavily. Clusters of fruit large and loose; skin deep yellow with grayish bloom; flesh white, melting and very juicy.

**Thales.** A fine Chinese variety, of a different type than the other kinds. Very large, pyriform, orange-colored fruits, much meatier, sweeter and milder than the Japanese varieties. Ripens late and should be planted in coastal regions as it will not stand extreme heat. May and June.

## Natal Plum

(*Carissa grandiflora*)

A striking and exceedingly ornamental flowering and fruiting shrub for specimen planting, also for hedges. Grows to a height of 8 to 10 feet with a spread of 6 to 8 feet, but may be trimmed to any desirable shape. Branches spiny with beautifully shaped, glossy leaves; flowers large, white and fragrant. Fruits which ripen almost continually—although the largest crop matures in the late fall—are of an attractive brilliant red color, about the size of a date, and are edible. When cooked the fruit makes a delicious sauce hardly distinguishable from Cranberries. Excellent for jams.

The plant is quite hardy in all but locations where very heavy frosts are experienced. It thrives in extreme heat, and because of its dense glossy foliage and the large, white, fragrant flowers, it would be a valuable ornamental, even without the heavy crop of excellent fruit which it bears. Gal. containers, \$1.00 each, \$9.00 per 10; 4-inch pots, 75c, \$6.50 per 10.

## Guavas

(*Psidium cattleianum*)

For eating fresh and for jelly the Strawberry Guava is one of the finest small fruits that can be grown in California, and its relatives, the Yellow Strawberry Guava and the large Lemon Guava, are also very valuable for the same purposes. They all make very handsome ornamental shrubs with their beautiful evergreen foliage, and the two smaller Guavas make a remarkably fine medium-sized hedge. The fruit ripens September to November.

**Strawberry Guava.** A fine glossy-leaved shrub or small tree, which produces an abundance of luscious fruit about the size of a large strawberry; round and deep reddish-brown color. The fruit is highly prized for eating when fresh, and for jams and jellies has few equals. Hardy and easily grown. Balled and bushy, 2-3 ft., \$1.50 each, \$12.50 per 10; 1½ to 2 ft., \$1.00 each, \$9.00 per 10; in gallon containers, slender, 1½ to 2 ft., 75c each, \$6.50 per 10.

**Yellow Strawberry Guava.** Similar in habit of growth to the above, but the fruit is greenish yellow in color, is larger and milder in flavor. Very fine for eating fresh. Balled, broad and bushy, 2 to 3 feet, \$1.50 each, \$12.50 per 10; 1½ to 2 feet, \$1.00 each, \$9.00 per 10; gallon containers, 2 to 3 feet, 75c each, \$6.50 per 10.

**Lemon Guava.** The largest of the Guavas, the fruit often attaining the size of a pear, and the plant grows rapidly into a bushy shrub 6 to 8 feet high. This variety is quite tender. In gallon containers, 2 to 3 feet, 75c each, \$6.50 per 10.

## Carob — St. John's Bread

(*Ceratonia siliqua*)

The Carob is now recognized as one of the best evergreen shade and street trees for California, since it makes a beautiful uniform head and thrives regardless of heat, alkali, or drouth. Seedlings are usually planted for ornamental purposes, but such trees may or may not bear the characteristic seed pods, since usually male and female flowers are borne on separate trees.

These long, dark brown pods contain a sweet pulp, have long been used for stock food and are now made into a healthful flour for human consumption. The Carob is a native of the eastern Mediterranean and the "locusts" which St. John the Baptist ate in the wilderness were the pods of the Carob.

**Bolser.** We have selected this variety for propagation because it has perfect flowers (both male and female), and therefore produces large crops of pods, often the first year after planting, these pods showing an analysis of 52 per cent sugar. The tree makes a beautiful ornamental.

Budded trees, 3 to 4 feet, \$3.00.

For Seedling Trees see page 48.



**NATAL PLUM**  
Brilliant Scarlet Fruits

**STRAWBERRY GUAVA**  
Finest for Jelly

**YELLOW STRAWBERRY GUAVA**  
Delicious to Eat

## Olives

Olives will do well almost anywhere in California and will thrive with a minimum of care and water. The home cured ripe olives are superior to most purchased fruit and are not difficult to process. Olive trees with their soft gray-green perpetual foliage make an attractive ornamental and give that exotic, sub-tropical effect which is part of our California landscape.

Olive trees are sold by caliper rather than height, because it is necessary to prune the trees back rather severely when digging and shipping for commercial plantings, and the trees are shipped with bare roots. For ornamental planting, however, all the top may be left on if desired and the shipping distance is not great, and in this case the trees are shipped with a ball of earth on the roots, or are taken up in large boxes.

	Each	Per 10	Per 100
Boxed, bushy, 8-10 feet.....	\$12.50	.....	.....
1-in. caliper (6-8 ft.).....	2.00	17.50	150.00
¾- 1 in. caliper (5-6 ft.).....	1.75	15.00	125.00
½-¾ in. caliper (4-5 ft.).....	1.25	11.00	90.00
¼-½ in. caliper (3-4 ft.).....	1.00	9.00	75.00

Balled trees with the top left on, \$2.00 per tree additional in the 6-8 foot size, and \$1.00 per tree additional in the two smaller sizes.

Write for prices on large quantities.

**Ascolano.** An Italian olive, larger than any other variety grown in California. Makes a wonderful pickle but the fruit is tender, and the tree does not bear as well as some other kinds. Fruit broadly oval, deep wine colored. Tree large and vigorous.

**Manzanillo.** The fruit of this variety is a little larger than the Mission and of somewhat better pickling quality, but the fruit is more tender and must be handled carefully. Round-oval in shape, rich dark purple in color. The tree is vigorous and spreading. Ripens early, avoiding fall frosts.

**Mission.** The well-known standard variety introduced by the Spanish Padres. Large trees of this variety are still growing and bearing fruit at some of the old Missions in California. The tree is a handsome upright grower, excellent for ornamental planting. The fruit is medium to large, obliquely oval, pointed at the apex, deep purple turning to jet black, richly flavored.

**Sevillano.** This is the famous variety imported from Spain under the name "Queen Olive," and in California the fruit attains even greater size than in Spain. The very finest pickled ripe olives are made from this variety, and the trees have been in great demand during recent years. Due to the difficulty in propagating this variety, we ask 25c per tree more for Sevillanos than the prices quoted above.

## Sapota

(Casimiroa edulis)

The White Sapota is a strong growing evergreen of spreading habit with large divided leaves. It thrives anywhere in the milder coastal and foothill regions of California and is about as hardy as the orange and lemon. It is said to be one of the best fruits for people with weak digestive systems and the natives of Mexico, from which country it comes, claim that it induces sleep.

**Wilson.** The parent tree is growing in Monrovia and we consider it to be one of the finest fruits of its kind that we have seen in California. The fruit resembles a good sized green apple, somewhat flattened, and the flesh is delicious and melting with a rich peach-like flavor. Ripe fruit may be picked during 8 months in the year. In 6-inch boxes, \$4.00.

## Fruiting Bananas

Fruiting Bananas are too tender to plant in most of Southern California but there are some frostless districts where they will thrive and bear fruit.

For additional ornamental Bananas see page 26.

**Hart's Choice.** A tall growing, luxuriant banana, growing to 25 feet. Shows a pink color on trunk and leaf stems and with its big leaves is very ornamental. Bears large fruit of a very fine flavor. The leading Florida variety. In 5-gallon containers, 3 to 4 feet, \$2.50. Divided roots, without earth, \$1.00.



**WILSON SAPOTA**

It Thrives Wherever the Orange Does

## Feijoas

(Pineapple Guava)

This attractive tree or large shrub attains a height of about 15 feet, but can be made into a smaller compact shrub by pruning and can be used for a large hedge or border. The upper side of the leaves is glossy green and the lower side silver-gray, while the showy flowers are whitish purple with conspicuous red stamens. The oval or round fruit is delicious to eat and has a penetrating and delightful aroma which lasts for days and is suggestive of pineapple, strawberries and bananas.

It also stands considerable heat and may be planted in any of the interior valleys of California, making a beautiful ornamental shrub, producing at the same time its useful, perfumed fruits. It is advisable to plant two varieties in order to provide cross-pollination and insure a crop.

**Choiceana.** We have coined this word, pronounced Choic-e-ana, for this variety, because the fruit is indeed choice and has a pleasant banana flavor. The fruit is the size of a large hen's egg, 3 inches by 2¼ inches. This variety is the very finest Feijoa, but another variety or a seedling must be planted with it to insure cross pollination and a resulting good crop. Ripens in October and November. Specimen balled plants, broad and bushy, 5 to 7 ft., \$5.00; balled, bushy plants, 18-24 in., \$2.50 each, \$22.50 per 10; 12-18 in., \$2.00 each, \$17.50 per 10; quart containers, 12-18 in., \$1.25 each.

**Coolidge.** A long oval fruit, not quite as large as Choiceana or Superba, but which never fails to bear a crop even when planted by itself because the flowers are self-fertile and do not need cross-pollination. Balled, bushy plants, 18-24 in., \$2.50; 12-18 in., \$2.00; quart containers, \$1.25; \$11.00 per 10.

**Superba.** Similar to Choiceana, but the fruit is almost round. Balled bushy plants, 1½ to 2 feet, \$2.50; 12-18 in., \$2.00; quart containers, 12-18 in., \$1.25 each, \$11.00 per 10.

**Seedlings.** Suitable for ornamental plantings and often bear crops of good fruit, but there is no certainty as to its size or quality; makes a striking hedge or large background shrub. In quart containers, 1½-2 ft., 50c each, \$4.00 per 10; flats of 100 small plants, \$8.00.

## Mangos

Only a few trees of the Mango are now growing in California, but some of them are bearing very good fruit. The tree is very tender and should be planted only in protected frostless locations.

**Haden.** This is the finest Mango now grown in Florida. Beautiful in appearance and high in quality. In 6-inch boxes, 18-24 inches, \$5.00.

**Sandersha.** A more dwarf tree than the Haden, the fruit ripening much later. In 6-inch boxes, 12-18 inches, \$5.00.

# Select California Citrus Fruits

Extra care at all times is necessary in order to grow a good citrus tree, since if the trees are neglected at one stage they may be stunted for life. At all stages in the growth of our citrus trees they are under the constant care of men who have been trained by years of experience in this work.

The seedlings are carefully selected for vigor and root growth, and our buds are taken from trees of true type and known vigor. Buds of commercial varieties are supplied by the Fruit Growers Supply Company from performance record trees.

With our careful methods of packing we ship citrus trees safely to any part of the world. For long distance shipment the earth is entirely removed from the roots and the tops cut back to reduce the weight, the trees carrying well for a number of weeks when handled in this way.

Ten assorted Citrus trees at the 10 rate:

	Each	Per 10
3 or 4 year, fruiting size, boxed.....	\$12.50	.....
2-year, 1-inch caliper.....	3.00	\$27.50
2-year, ¾-1 inch caliper.....	2.50	22.50
1 or 2 year, ⅝-¾ inch caliper.....	2.25	20.00
1-year, ½-⅝ inch caliper.....	2.00	17.50

Write for special prices on quantities.

Prices are for trees with roots in a ball of burlap-tied earth, weighing from 40 to 60 pounds each.....

The extra size boxed 4-year-old citrus trees, priced above, are heavy trees with large heads, many of them with fruit, and they weigh 400 pounds each.

## Oranges

**Washington Navel.** Easily heads the list of all oranges and by reason of its superiority, is largely responsible for California's world-wide citrus fame. The fruit is large with the characteristic navel at the blossom end, quality excels that of any other orange, and the tree is large and vigorous. December to April.

**Carter Navel.** Several years ago our attention was called to several trees of an especially fine type of the Washington Navel. We have observed this fruit for several years and we believe that for home use there is no better orange grown. The fruit is medium to large and has all the characteristics of the ordinary navel except that it has a very thin smooth skin, is much juicier and sweeter and has a wonderful flavor. The skin is too soft and tender to ship and keep well commercially, but there is nothing finer for the home planting. **Carter Navel trees can be supplied in all sizes given above, but the prices are 50c per tree additional.**

**Valencia.** The only orange which shares the popularity of the Washington Navel. As the Navel season closes the Valencia season begins and lasts through the summer and fall months. The two varieties will supply oranges for the table throughout the year. The fruit is medium size, juicy and sweet, with few seeds. The tree is strong, vigorous and upright. Ripens April to October.

**Lue Gim Gong.** This variety resembles a high quality Valencia and ripens about the same time, but the color is a deeper orange-red and the fruit hangs on the tree much longer. Fruit large, rich and juicy, and the tree is a very thrifty grower, possibly harder than any of the other oranges that we list. April to December.

**Mediterranean Sweet.** A good sized spreading tree, possibly a little harder than the Navel or Valencia. A medium to large fruit, rich orange-yellow in color, and of excellent quality. Ripening season between Navel and Valencia. March to June.

**Ruby Blood.** This is the best Blood Orange. Of medium size, round, very sweet and juicy. In mid-season the flesh is streaked with red and when fully ripe is blood-red, the color extending through the peel to show a red blush on the outside. The bright red juice is valuable for beverages, and the fruit meets any home use. February to May.

**Thompson Navel.** Similar to the Washington Navel, but matures about one month earlier, and has a thinner, smoother peel. Beautiful deep orange fruit of excellent quality. November to April.

**St. Michael.** A high quality, thin-skinned, light-colored orange, with an abundance of juice. The tree is above the average in size and is very productive. February to June.

## Lemons

One or two lemon trees will supply the household with an abundance of juicy, beautiful fruit, and there are so many uses for lemons that no home garden should be without a tree. Lemon trees are not quite as hardy as orange trees, but for home use may safely be planted anywhere except in the very cold interior districts.

Ten assorted Citrus trees at the 10 rate:

	Each	Per 10
3 or 4 year, fruiting size, boxed.....	\$12.50	.....
2-year, 1-inch caliper.....	3.00	\$27.50
2-year, ¾-1 inch caliper.....	2.50	22.50
1 or 2 year, ⅝-¾ inch caliper.....	2.25	20.00
1-year, ½-⅝ inch caliper.....	2.00	17.50

**Eureka.** The leading lemon for both commercial and home planting; fruit uniform, of medium size, of the highest quality. The seeds are few and the juice is abundant. The tree is almost thornless. It bears continuously all through the year and ripens most of its fruit in the summer.

**Lisbon.** A very large, heavily foliaged, but thorny tree, somewhat harder than other varieties. The fruit is of medium size, with few seeds, abundant juice, and has no superior in quality. A good keeper and shipper. December to May.

**Ponderosa.** A novelty fruit for home planting, the fruit attaining enormous size, often 12 inches in circumference. The tree is dwarf, quite hardy, and the fruit is of good quality. Usually bears the first year and throughout the year thereafter.

**Villa Franca.** Several types of Villa Franca lemons are extant. Our trees are grown from buds selected from trees of the thornless, open, fruitful type. Fruit of superior quality, large and juicy. Ripens from December to May.

**Sweet Lemon.** The tree is like the ordinary lemon tree and the fruit which is borne very freely resembles the ordinary lemon, but the abundant juice is sweet, without the sour acidity of the other lemons, yet with the lemon flavor.



**RUBY BLOOD ORANGES**  
The Flesh and Juice is Rich Blood Red

## Limes

Limes are perhaps the most valuable of all citrus fruits for beverage purposes because of their characteristic quality and flavor. In addition to their value as a home fruit, the planters are beginning to realize the possibilities of the lime commercially in California.

Ten assorted citrus trees at the 10 rate:

	Each	Per 10
3 year, fruiting size, boxed.....	\$12.50	.....
2 year, balled.....	2.75	\$25.00
1 year, balled.....	2.50	22.50

**Bearss Seedless (Tahiti).** The largest and finest lime, the fruit resembling a small lemon. Seedless; very juicy; a high degree of acidity and abundance of the delicate lime flavor. A vigorous, dense tree, the fruit ripening in large quantities in the summer-time when it is scarce and brings a higher price.

**Mexican.** The strongly acid green fruits of small size, used in the soda fountains, are of this old standard variety. Largely planted commercially because of its heavy crops. A semi-dwarf tree, ripening fruits all through the year.

**Bangpur.** One of the hardiest of the limes, bearing extremely heavy crops of medium-sized fruit, with a deep orange-red skin and deep orange flesh; strong in acid, with a pleasant and agreeable flavor. In appearance, more like a tangerine than a lime.

**Sweet Lime.** While the fruits of this variety have the characteristic lime flavor, it has very little acid, and the juice is so sweet that it may be taken without sugar. The fruit is quite large, almost round, and very juicy.

## Kumquat

**Nagami Kumquat.** The smallest citrus fruit, the most ornamental, and possibly the hardest in general cultivation. The tree is semi-dwarf, of round symmetrical shape, and when literally covered with its small, olive-shaped golden fruits in the winter is a novel and beautiful sight. The fruit makes the very finest marmalade and candied fruit. Usually bears first year after planting.

3 year, fruiting size.....	\$4.00	
2 year, bushy.....	2.50	



**KUMQUATS**

Makes the Finest Marmalade—Extremely Ornamental



**TREE OF SAMPSON TANGELO**

Only Four Years Old and Loaded with Fruit

## Tangelos

The Tangelos are new citrus fruits originated a few years ago by scientists of the U. S. Department of Agriculture by crossing the Tangerine and the Pomelo, producing a number of hybrids varying in characteristics, but all retaining the best qualities of their parents. They are remarkably fine for juice fruits, and we highly recommend them for home use. They are beginning to acquire some importance as a commercial fruit and the few which have reached the markets have been sold at a very high price. They are very easily grown, bear very heavy crops, and come into bearing very young.

	Each	Per 10
3 year, fruiting size, boxed.....	\$15.00	.....
2 year, balled.....	3.25	\$30.00
1 year, balled.....	2.75	25.00

**Sampson Tangelo.** The best known of the Tangelos and one of the best. The fruit is round, of medium size, golden yellow in color, and with a distinct and pleasant flavor of its own. The fruit colors early but should not be picked until sweet, which is usually not until early spring. Bears heavy crops within two or three years after planting.

**Thornton Tangelo.** This fine hybrid leans more toward the Tangerine in characteristics. The fruit is more irregular and flattened in shape, and is a beautiful deep golden yellow in color. It ripens considerably earlier than Sampson but does not hold on the tree like the latter. The flavor is very fine.

**Williams Tangelo.** This is the largest of the Tangelos and retains more of the characteristics of the Grapefruit than most of these hybrids and is one of the very finest for juice. It has a delightful and piquant flavor.

**Tangelolo.** This interesting fruit is different from the above three Tangelos in that it is a Tangelo crossed back again on a Tangerine. The fruit is medium size, bright yellow in color, and the flesh is soft pink in color. The flesh is sweet and very pleasantly flavored. The tree is one of the largest of all citrus trees, and bears extremely heavy crops.

## Combination Citrus Trees

For the accommodation of home planters who have room for but one Citrus tree in their garden, we offer Combination Citrus Trees upon which will be found a Washington Navel Orange, a Valencia Orange and a Eureka Lemon, all budded on a large tree of the Marsh Seedless Pomelo.

Two-year, balled, 70 to 85 lbs. packed. Each \$4.00.

## Tangerines

The piquant-flavored Tangerines are harder than oranges, and they always bear young and heavily.

Ten assorted Citrus trees at the 10 rate:

	Each	Per 10
4 year, fruiting size, boxed.....	\$15.00	.....
2 year, balled.....	2.75	\$25.00
1 year, balled.....	2.50	22.50

**Dancy Tangerine.** This is the leading commercial Tangerine and the most popular of the Mandarin family, a medium to large fruit, intense orange red in color, firm in texture, flattened in shape, exceedingly juicy and highly flavored. The tree is a strong grower and very prolific. February to May.

**Algerian.** A fine, early tangerine, ripening before Christmas; several months earlier than Dancy. The fruit is almost round, deep reddish-orange, sweet and mild. The tree has deep green foliage and is more attractive in appearance than Dancy. It may be identical with the Clementine, as grown in Florida. December to March.

**King.** A very high quality Mandarin-orange, particularly well known in Florida, but thriving just as well in California. The fruit is very large and flattened, with a rough, thick peel which adheres loosely to the flesh. Deep orange in color. Very few seeds, and a delightful aromatic flavor. Ripens very late, from March to August.

**Satsuma (Owari).** The hardest orange that we grow, and for this reason can be planted where other citrus fruits will not succeed. Fruit is large, flattened; deep orange in color, with a thin rind that peels off very easily, and the fruit is sweet, tender and juicy. The tree is semi-dwarf and of spreading habit, with heavy, dark green foliage, bearing while very young. November to April.

**Willow-leaved Mandarin.** A very ornamental tree with its dense, dark green, willow-like foliage in a dense symmetrical head. The fruit is of medium size, flattened; deep yellow in color, with a very thin skin and spicy aromatic flavor. A heavy bearer even while young. January to May.

## Eustis Limequat

The Eustis Limequat is one of the finest small citrus fruits. It is a cross between the lime and the kumquat and we believe that we are the first to offer this fruit for planting in California. The fruit is strikingly beautiful in appearance, resembling a beautiful light yellow lime. It is thin-skinned, firm, very juicy, almost seedless, with a flavor very much like that of the lime.

The tree is of medium size, of rapid upright growth, with small pointed leaves, and it will produce fruit almost immediately after planting, bearing very heavy crops and ripening fruit through almost six months of the year. Unlike the lime, it is quite hardy and is not damaged by temperatures as low as 17 degrees. Large 1 year trees, \$3.50 each.

## Unusual Citrus Fruits

Ten assorted Citrus trees at the 10 rate:

	Each	Per 10
3 year, fruiting size, boxed.....	\$15.00	.....
2 year, balled.....	3.25	\$30.00
1 year, balled.....	2.75	25.00

**Citron of Commerce.** The fruit from which the candied Citron Peel of Commerce is made. Large conical fruit with an exceedingly thick, rough furrowed rind. The tree is low and spreading, ripening its fruit profusely throughout the year.

**Hawaiian Pomelo.** A citrus novelty from the Hawaiian Islands. The fruits are of no value to eat but they are enormous in size, almost one foot in diameter. The trees, which bear well, look like they were hung with pumpkins.

**Meyer Lemon (Chinese Dwarf Lemon).** A semi-dwarf lemon introduced from China a few years ago. It usually starts to bear the second year and has large, almost round, deep orange fruits of beautiful appearance. It is harder than any other Lemon we grow and is also valuable as a dwarf fruiting ornamental for growing in pots or tubs. In addition to the usual one and two year grades of balled trees, we have dwarf, bushy plants grown for containers in 14-inch green tubs at \$4.00 each.

**Thomasville Citrangequat.** Another interesting citrus hybrid which is a cross between the citrange and the kumquat, producing on a vigorous upright tree large quantities of little orange-yellow fruits about two inches in diameter, with greenish-amber flesh and an abundance of pleasantly flavored juice which makes one of the finest ades in existence. This variety is also exceedingly hardy and will stand more cold than possibly any other citrus fruit that we list with the exception of the Kumquat.

## Pomelos-Grape Fruit

Grapefruit are becoming more and more popular as a table fruit. They are easily grown with reasonable care in most of California.

Ten assorted Citrus trees at the 10 rate:

	Each	Per 10
3 or 4 year, fruiting size, boxed.....	\$12.50	.....
2-year, 1-inch caliper.....	3.00	\$27.50
2-year, ¾-1-inch caliper.....	2.50	22.50
1 or 2 year, ½-¾-inch caliper.....	2.25	20.00
1-year, ½-¾-inch caliper.....	2.00	17.50

Write for special prices on quantities.

**Marsh Seedless.** All commercial plantings of grapefruit in California and Arizona are of this variety and it is superior to all others tried. The fruit is large and practically seedless, with a thin rind, abundant juice, and exceptionally fine flavor. The tree is a vigorous and compact grower and bears very heavily. Ripens February to September.



**THOMASVILLE CITRANGEQUAT**

**KING ORANGE**

**EUSTIS LIMEQUAT**

Three Out-of-the-Ordinary but Delicious Citrus Fruits



## Select Deciduous Fruit Trees

The best time for planting all deciduous fruit trees in California is during the months of January, February and March since it is only during that period that the trees are dormant and in good condition to be dug and shipped. These trees are all handled without earth on the roots. Our list includes the finest commercial varieties for the market, as well as those kinds that are best for home orchards.

We have listed the varieties of each fruit in the order of their ripening, so that planters may easily select several kinds which will provide fruit continuously throughout the ripening season.

As a precaution against sunburn, the use of tree protectors is advisable. We list these on page 68.

### Peaches

All peaches are freestone except where the word **Cling** follows the name. We can supply most commercial varieties on either peach or apricot root.

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 peach trees but not less than 10 of a variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$40.00
3 to 4 feet.....	.65	5.50	35.00

Write for special prices on 300 or more. Listed in order of ripening:

**Mayflower.** The earliest of all peaches and, therefore, of great value for both home orchards and commercial planting. Fruit is medium-sized, creamy white, flushed and mottled with dark red; flesh white, firm and of good quality.

**Early Rose.** A delicious white-fleshed, red-cheeked semi-clingstone. Very profitable for the early market because of its extremely handsome appearance and its extreme earliness. Early June.

**Alexander.** A well known early peach of medium size; skin greenish-white, with deep red shading; flesh greenish-white, sweet and juicy. Early June.

**Patison.** The first yellow-fleshed peach of the season, similar to Early Imperial but one week earlier, and slightly smaller. Skin deep yellow with red blush; flesh yellow, sweet and juicy. June.

**Australian Saucer.** Obtains its name from its peculiar flattened shape; small, skin white with red cheek; flesh white, very sweet and delicious. One of the few satisfactory peaches for the hot interior of California, Arizona and Mexico, ripening a large crop no matter what the weather conditions. June.

**Early Imperial.** For a number of years this variety has been the leading early yellow freestone for commercial and home use. Fruit medium size with small pit; skin yellow, shaded with crimson; flesh yellow, rich and firm. A standard peach for home and market. Late June to July.

**Red Bird Cling.** A strikingly handsome very early shipping peach. Of immense size and of a beautiful creamy-white flushed with deep red; flesh white and juicy. June.

**Hales Early.** One of the very best early white peaches. Possesses high quality and is unequalled for home use. Skin greenish, splashed with red. Flesh white, juicy and sweet. Late June.

**Strawberry.** One of the best and finest flavored peaches for home use. Medium to small size; skin white; with beautiful red markings; flesh white, juicy and highly flavored. Bears heavily. June.

**Opulent.** One of Luther Burbank's introductions and of very high quality for home use. Medium size; skin without fuzz, white, beautifully marbled with deep red; flesh white, sweet and highly flavored. There is no better eating peach. Early June.

**Early Crawford.** In past years this was the earliest peach, but now much earlier kinds are grown. Very large; flesh yellow, firm and juicy. A very dependable peach. Late July.

**Geo. IV.** A large, round white freestone; skin creamy white, with red cheeks. Flesh pale; juicy, with an exquisite flavor. Very desirable for the home garden. Late July.

**Champion.** Often looked upon as the standard by which to gauge all white-fleshed freestones. This variety has everything a peach should have—size, tender flesh, juiciness, a honeyed flavor, attractive appearance and a productive tree. Early August.



**EARLY IMPERIAL PEACH**  
The Best Early Yellow Freestone Peach

**Ontario Cling (Southern Tuscan).** The earliest commercial canning peach; large and round; deep red on the sunny side, with rich firm flesh. August.

**Lukens Honey.** One of the finest and sweetest of all peaches for home use, the quality and flavor unexcelled for eating. Fruit small to medium; skin greenish-white; flesh white, very sweet and juicy. Can always be depended upon to bear a good crop anywhere, even in the hottest interior valleys. August.

**Gold Medal.** A very fine yellow-fleshed peach for home and local markets. Bears very heavy crops, and the fruit is firm yet juicy and of excellent flavor. Early August.

**Redbreast.** A chance seedling discovered by us and of which we think very highly. Medium size; beautiful highly colored red skin; delicious white flesh of exquisite flavor. It has quality for home use and appearance and firmness for the market. Late July.

**J. H. Hale.** California growers have demonstrated during the past several years that this is a profitable variety. Fruit is of largest size, highly colored; flesh is yellow, exceedingly firm and yet tender when eaten; flavor is unexcelled. Fruit ships exceedingly well; remains on the tree in a firm condition for a longer time than any other freestone. The trees, although small, bear very heavily. The finest peach for home and market. August.

**Elberta.** This variety has been for many years, and still is one of the finest peaches. Large, rather elongated, yellow with red cheeks, juicy and well flavored. Bears heavy crops consistently, and is much planted for home and market. August.

**Lovell.** Skin and flesh clear yellow; a heavy and regular bearer; a leading commercial freestone for canning and drying, is a good home fruit August.

**Peaks Cling (Palora).** As a mid-season canning peach, the Peaks has no superior. The fruit is large, uniform and round; skin clear yellow; flesh yellow to pit. A very heavy bearer. August.

**Sims Cling.** Now a leading mid-season commercial cling. The fruit is larger than average, golden yellow, with a faint blush; flesh clear deep yellow to the pit, which is small. August.

**Muir.** The finest commercial drying peach. Clear golden yellow in skin and flesh. Rich, sweet, firm flesh, but not very juicy. Late August.

**Orange Cling.** Very large, deep yellow, with golden yellow flesh; rich and sweet, popular as a home canning variety. Late August.



**J. H. HALE PEACH**  
The Finest Peach Grown

**Phillips Cling.** This prime variety is well known as a standard late canning peach. Large, round, firm and clear yellow to the pit. September.

**Indian Blood.** A small, round, deep red cling; sweet and highly flavored, with reddish streaks and flesh. Unexcelled as a home peach for canning and sweet pickles. Early September.

**Salway.** Peaches are beginning to get scarce when this variety ripens, and since it is of extremely high quality, is popular both for the market and home use. Large, round, with a creamy yellow skin and sweet, white, juicy flesh. September.

**Krummel.** One of the latest freestone peaches and a profitable market variety. Fruit large, lemon yellow, lightly blushed with carmine; flesh yellow, red at the pit; of excellent quality. September.

**White Heath Cling.** Creamy white, blush on sunny side; flesh white, tender, juicy and delicious. A fine late cling for home use. Late September.

**Miller's Late.** There are few peaches ripening after the Salway; hence a good peach ripening as late as November is a valuable acquisition. Miller's Late is a fine yellow freestone of the Salway type, having better flavor and quality than the latter; a heavy bearer. November.

**Sabichi Winter Cling.** Medium size; flesh white, juicy and sweet; of excellent flavor. Its chief value is in lateness, ripening as late as December.

## Nectarines

The tree of the Nectarine looks like a Peach tree, and the pit is the same as that of a peach, but the skin is smooth; and the rich, aromatic flesh is quite different from that of the peach. One of the finest home fruits.

	On Peach Root Each	Per 10	Per 100
4 to 6 feet.....	\$.75	\$6.50	\$40.00
3 to 4 feet.....	.65	5.50	35.00

Write for prices on 300 or more.

Listed in order of ripening:

**Gower.** The earliest nectarine, large, round; skin pale green overspread with deep red; flesh is white, sweet and juicy. The earliness and firmness of the fruit makes it a good market variety. Early July.

**Gold Mine.** A new freestone nectarine from New Zealand, bearing very heavy crops; red and yellow skin and juicy white flesh of excellent flavor. The fruit is very large; one of the most beautiful nectarines grown. August.



**SALWAY PEACHES**  
A Profitable Heavy-Bearing Late Peach

## Cherries

The sub-acid or "pie" cherries, Morello and Richmond, cover a wide range of territory and will bear almost anywhere, whereas the sweet cherries will not bear in the lower altitudes and coastal regions of Southern California.

Several varieties of sweet cherries should be planted together so that they may cross-pollinate, as one kind will not bear well alone.

### On Mazzard or Mahaleb Roots

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 cherry trees but not less than 10 of one variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$45.00
3 to 4 feet.....	.65	5.50	40.00

Write for prices on 300 or more.  
Listed in order of ripening:

**Tartarian.** The very finest cherry to eat fresh. Medium sized, with a rich purplish-black color which is tempting to the eye, and sweet, rich, juicy flesh. The robust erect trees are heavy consistent bearers. A good pollinizer for other sweet cherries and should be included in every planting. Early June.

**Richmond.** Leading early sour cherry, similar to Morello, with a small round-headed tree. Ripens two weeks earlier.

**Bing.** A very large, dark brownish-red cherry of extremely handsome appearance, and since it has the firmest flesh of all cherries, it is a wonderful canning and shipping cherry. Fine for eating fresh. Should be interplanted with other varieties to secure cross-pollination. Late June.

**Morello.** Standard sour cherry for the Southwest. Fruits very large, handsome, dark wine-red, with a sprightly aromatic flavor; flesh tender and melting. A small round-headed tree. Late June.

**Royal Ann (Napoleon).** A magnificent cherry of the largest size; pale yellow with bright red cheek; flesh firm and sweet; tree an enormous bearer. The leading canning cherry. Late June.

**Lambert.** The largest cherry and one of the latest. Very large, heart-shaped; rich red in color; very firm fleshed, and one of the most beautiful cherries in appearance. Not a heavy bearer but the fruit brings very high prices. Early July.



**STANWICK NECTARINE**

**Stanwick.** Possibly the leading nectarine. Fruit large; skin pale green, shaded purplish red; flesh white and juicy, of delicious, aromatic flavor. This variety has greatly increased the popularity of the nectarine in California. August.

**Quetta.** Some of our best nectarines have come from New Zealand, and of these importations, Quetta is one of the best. Very large and handsome, with a mottled red-yellow skin and richly flavored white flesh. It bears well also. August.

**Boston.** Large, bright yellow with red cheek; flesh yellow, sweet and pleasant flavor; freestone. The leading yellow fleshed nectarine. August.

## Apricots

By planting Newcastle, Royal, Tilton, and Moorpark, ripe apricots can be obtained over a considerable period, for each ripens a few days later than the preceding kind. The later varieties have the highest quality.

### On Peach, Apricot or Myrobalan Roots

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 apricot trees, but not less than 10 of a single variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$40.00
3 to 4 feet.....	.65	5.50	35.00
2 to 3 feet.....	.50	4.00	30.00

Write for prices on 300 or more.  
Listed in order of ripening:

**Newcastle.** The earliest apricot to ripen, although the quality is not as high as in the later varieties. Medium size, round, pale orange in color. A good commercial fruit in early-ripening sections. May.

**Royal.** The leading apricot for commercial planting and for the home. Medium size; skin orange-yellow, often with a red cheek; flesh deep orange, rich and sweet. A very heavy bearer. Early June.

**Blenheim.** Very similar to Royal in all respects but is preferred for commercial planting in some sections of the state. Regular and heavy bearer. June.

**Tilton.** One of the largest apricots, somewhat heart-shaped, with a rich apricot color. Very finely flavored, sweet and juicy. Does particularly well in the interior valleys. Middle June.

**Moorpark.** Very large deep yellow fruit, brownish-red on the sunny side, with numerous red dots. Has the highest quality and finest flavor of any apricot grown, but rather a shy bearer. July.



**LAMBERT CHERRY**

Big, Red, Luscious Fruits, the Last to Ripen



## STANDARD PRUNES

Big Blue Fruits with Sweet, Amber Flesh

## Plums

Most varieties of Plums will bear heavier crops if certain other varieties are planted nearby as pollinizers. Burbank, Wickson and Climax all successfully pollinate the blossoms of most varieties, as well as each other, and we advise including some of these sorts in all Plum plantings.

All home planters should endeavor to include the Methley and Becky Smith Plum in their list since these two varieties ripen extremely early and extremely late, when no other varieties are available.

### On Peach or Myroholan Roots

Ten fruit or nut trees, assorted in any way, or five of a single variety sold at the 10 rate; 50 Plum trees, but not less than 10 of a single variety, sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$40.00
3 to 4 feet.....	.65	5.50	35.00

**Write for prices on 300 or more.  
Listed in order of ripening:**

**Methley.** Earliest plum to ripen and only recently introduced from South Africa. Small to medium in size; dark purplish-red in color, with red, juicy, sweet flesh. Of excellent flavor. Bears extremely heavy crops. June.

**Apex Plumcot.** This fruit, as its name indicates, is a cross between the Apricot and the Plum. The big globular pink and red fruit has rich aromatic honey-yellow flesh. One of the earliest. June.

**Beauty.** Fruit large and beautiful, deep crimson with amber-crimson flesh. A remarkably vigorous grower and never-failing bearer. June.

**Climax.** One of Luther Burbank's finest introductions. Very large, heart-shaped, firm and with a beautiful color, being deep red and yellow. The flesh is yellow and rich. June.

**Santa Rosa.** Possibly the most popular plum in California, and certainly one of the handsomest. Large oval, purplish-crimson fruit, covered with light blue bloom. Flesh amber, veined with crimson. Another Burbank variety, highly valued for both shipping and home use. Early June.

**Burbank.** A fairly early plum, always producing heavy crops. Fruit medium to large, almost round; light red mottled with yellow and covered with lilac bloom; flesh deep yellow and very juicy. July.

**Alma.** The European plums as grown in the East do not thrive in Southern California, but this hybrid plum resembles the favorite old Yellow Egg and has true Eastern plum flavor, yet it likes our California climate. Skin yellow flushed red, with sweet, juicy, yellow flesh.

**Duarte.** A true blood plum, resembling the Satsuma in appearance, but ripening earlier; both skin and flesh deep blood red and of excellent quality. A vigorous tree and an extremely heavy bearer. July.

**Satsuma.** The well-known Japanese blood plum so prized for preserves. Large, almost round, deep red outside and in, firm, juicy, and of fine flavor. Must be planted with other varieties such as Wickson, Burbank or Climax to secure good crops. July.

**Wickson.** A very large heart-shaped plum, deep yellow, overlaid with carmine and a white bloom. Flesh crisp, sweet, amber colored. August.

**Green Gage.** Medium size, round; skin yellowish-green; rich and sweet when fully ripe. An old favorite variety, but which does not do so well in the warmer interior sections. August.

**Kelsey.** One of the finest shipping plums. Very large, heart-shaped; greenish-yellow, blushed with red; flesh yellow, firm and of fine quality. Because of its lateness and shipping qualities it has been very profitable commercially. September.

**Damson.** Fruit small; oval; skin purple; flesh melting and juicy; rather tart; an old well-known sort; desirable for making jam. September.

**Becky Smith.** A fine late-ripening variety; big, round red fruits of excellent quality and good shipping qualities. A wonderful plum. September.

## Prunes

Prunes are merely plums with a high percentage of sugar which will dry without removal of the pit. Prunes do not thrive particularly well in the lower altitudes of Southern California, but succeed admirably in the high inland valleys and foothills. The yield of all varieties of prunes will be materially increased if several kinds are interplanted to secure cross-pollination.

### On Myroholan Roots

Ten fruit or nut trees, assorted in any way, or five of a single variety sold at the 10 rate; 50 Prune trees, but not less than 10 of a single variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$40.00
3 to 4 feet.....	.65	5.50	35.00

**Write for prices on 300 or more.  
Listed in order of ripening:**

**Sugar.** Very large, oval, dark purple fruit, tender, sweet and sugary; particularly fine for home planting. Tree is vigorous and productive. July.

**Tragedy.** A desirable early variety; large, handsome; skin dark purple; flesh greenish-yellow; sweet and rich. Excellent for eating out of hand. July.

**Robe de Sargent.** Large oval deep purple fruits, excellent for both drying and preserving; flesh greenish-yellow, sweet and rich. Good pollinizer for the other prunes. August.

**Burton.** A new prune which is claimed to be one of the largest and finest drying prunes. Rich violet-purple in color, with golden yellow flesh and small pit. A consistent and regular bearer. August.

**Standard.** Possibly the handsomest and finest of all prunes for home use in Southern California. Big oval fruits, deep purple with a blue bloom; flesh amber, rich and juicy; a good bearer. August.

**French Improved.** The standard commercial drying variety which has made Santa Clara Valley famous. Large oval fruits of deep purple, with sweet sugary flesh and small pit, produced in great quantities. September.

## Espalier Fruit Trees

Espalier fruit trees are dwarf trees, trained into fixed shapes for planting against patios or garden walls or along walks and trellises. They serve to provide fruit and to ornament the garden. They require very careful pruning, for the fruit spurs must be carefully selected and the surplus wood removed. Support of some kind must always be provided to tie the branches to. Figs make fine espalier trees because of their large, luxuriant foliage. When the standard trees of any fruit do well in a certain section, the espalier will succeed also.

We can supply apples, apricots, figs, nectarines, peaches and plums in standard varieties in many different shapes, including palmetto, single U, double U, cordon and other shapes. Shape may be specified if desired. Trees supplied balled during the dormant season at \$5.00 each.



**DELICIOUS**  
The Standard of Excellence Among Apples

### Apples

As a general rule the summer and early fall apples, which are usually green or yellow, do best in the lower altitudes in Southern California, while the late fall and winter apples, usually high colored, should be planted in the foothills and mountains.

**Red Astrachan, Gravenstein, Winter Banana, and Rhode Island Greening** are best for the lower altitudes of Southern California.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$45.00
3 to 4 feet.....	.65	5.50	40.00
2 to 3 feet.....	.50	4.00	30.00

Listed in order of ripening:

**Red Astrachan.** Large and handsome, nearly covered with deep crimson; juicy and crisp, with rich acid flavor; very productive; California's best early summer apple. Does well in valley situations. July.

**Gravenstein.** A very large, striped, roundish apple of the best quality. Tree remarkably rapid, vigorous, and erect in growth and very productive. The finest of the early autumn apples. August.

**Winter Banana.** One of the most dependable apples for all districts. Large, handsome fruits, clear waxen yellow with a delicate blush. A delightful flavor and aroma. September.

**Rhode Island Greening.** The favorite green apple of the entire country. Large, rotund, yellowish-green, with juicy mellow flesh. For culinary purposes it is unexcelled. October.

**Delicious.** A magnificent variety of fine appearance and delightful flavor; large size, rather conical in form; brilliant red, slightly splashed with yellow; flesh fine grained, crisp, juicy and a distinctive flavor. The standard of excellence in the apple and probably the best known variety today. November.

**Jonathan.** In appearance and quality one of the best apples grown. Brilliant red striped with carmine, almost round, with crisp, white flesh. Only to be grown in good apple sections. October.

**Yellow Bellflower.** A standard market variety in California, doing particularly well in the coast valleys. Oblong fruits with a pale yellow waxen skin, beautifully blushed on one cheek. October.

**White Pearmain.** An oblong greenish-yellow apple, medium to large, juicy and mildly flavored. It wears well and has long been a standard variety. A good keeper. November.

**Yellow Newton.** A high quality, long keeping late apple, roundish, flattened at both ends, yellow skin sometimes russeted, and yellow crisp fine-grained flesh. Aromatic sub-acid flavor. December.

### Crab Apples

Crab Apples comprise, as a rule, those small hard-fleshed varieties which are prolific bearers and are distinguished by their hardness. A tree or two in every home orchard is desirable for preserving.

Ten assorted fruit and nut trees, or five of a single variety are sold at the 10 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$45.00
3 to 4 feet.....	.65	5.50	40.00
2 to 3 feet.....	.50	4.00	30.00

**Hyslop.** Brilliant dark red with heavy blue bloom, thickly borne in large clusters. Flesh yellow, fine-grained and juicy. It has long been a standard crab apple. October.

**Transcendent Crab.** The best of all crabs for general use. Tree remarkably vigorous and immensely productive; fruit large, skin yellow striped with red; of a pleasant aromatic flavor; fine for preserves and jellies. August.

### Quinces

The Quince is one of the finest fruits for preserves and since it will bear a large crop in almost any location and with very little care, there should be a few trees in every family orchard.

#### On Quince Roots

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 Quince trees but not less than 10 of one variety, sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$45.00
3 to 4 feet.....	.65	5.50	40.00

**Orange.** Fruit almost round, golden-yellow in color, the flesh becoming a beautiful dark red when thoroughly cooked. The oldest and best known of the quinces. October.

**Pineapple.** One of Luther Burbank's originations, with a round, short-necked, golden-yellow fruit, the flesh becoming a beautiful dark red when cooked. The flavor is suggestive of the pineapple.

**Smyrna.** The fruit of this superb variety is very large; lemon-yellow in color, possessing a delightful fragrance. Delicious when cooked. October.



**PINEAPPLE QUINCE**  
California's Leading Quince

## Pears

The yield of Bartlett Pears, under most conditions, will be materially increased by interplanting with a pollinizer, the best varieties for the purpose being Winter Nelis and Beurre D'Anjou.

### On French Pear Roots

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$40.00
3 to 4 feet.....	\$0.65	\$5.50	\$35.00
2 to 3 feet.....	\$0.50	\$4.00	\$30.00

Write for prices on 300 or more.

Listed in order of ripening:

**Bartlett.** The most widely cultivated pear in California, large, buttery and melting, with rich flavor; tree a vigorous grower; bears abundantly. Bartlett has every quality needed for a perfect home and market pear. August.

**Flemish Beauty.** A superb roundish pear of medium size, with a rich, pleasing, musky flavor. Skin clear and yellow with the exposed cheek marbled red. An old standard kind. September.

**Seckel.** The standard of excellence in the pear. Fruit small, but well colored and there is no other variety which possesses such exquisitely flavored, perfumed, juicy and melting flesh as this pear, even the skin being spicy. August.

**Buerre D'Anjou.** A standard fall pear. Large, of typical pear shape; deep yellow, marked with russet and crimson. Flesh tender, sweet and juicy. An excellent pollinizer for Bartlett. October.

**Buerre Bosc.** A pear of uniquely beautiful color and shape, the fruit having a long tapering neck, deep yellow color, heavily overlaid with cinnamon-russet, and the quality of the flesh is exceedingly fine. Ranked second only to Bartlett. September.

**Kieffer.** Extremely handsome in appearance and borne on a very vigorous and fruitful tree. Fruit roundish, yellow, heavily russeted, with coarse crisp flesh. Valued highly as a canning pear. October.

**Winter Bartlett.** A small pear, suggesting Bartlett in shape, color and flavor, but ripening very late. The tree is very productive and the fruit keeps remarkably well. The only pear which does well in the Imperial Valley. November.

**Winter Nelis.** The standard winter pear. Fruit small, unusually russeted, with a ruddy cheek; a delectable, rich, aromatic flavor. Tree is an irregular grower, but enormously productive, and the fruit will keep well in storage all winter. December.



**FOUR-YEAR-OLD JUJUBE TREE**  
Produced 150 Pounds of Fruit at this Age  
Insert: Lang Jujube, Half Natural Size

## The Chinese Jujube

The Jujube is a small deciduous tree. The fruit of the larger kinds is from 1½ to 2 inches in diameter, may be round, oval, or pear shaped according to variety; has a smooth, brittle skin, rich dark brown in color. The flesh is sweet, crisp and rather dry when fresh. The fruit is excellent when eaten fresh, and when picked and allowed to stand, it dries and gains an added flavor. It makes an excellent jam or butter when cooked, but the best way to enjoy the fruit is to cook it in a sugar syrup and allow it to dry, when it becomes a delicious confection, which we believe will eventually rival the date as a commercial product.

The tree is a heavy and consistent bearer, never failing to produce a large crop, and it begins to bear usually at the age of one year. It blooms very late in the spring, avoiding all danger from spring frosts and the fruit ripens in September and October. Because the Jujube is a sure producer, because it is a highly nutritious, delicious fruit, capable of being used in many ways, and because it thrives in locations where many fruits will not grow, it will be a valuable addition to the orchards and gardens of the West and South, particularly in the interior valleys of California and Arizona. It does not bear so well directly on the seacoast and prefers the interior valleys. Although not particular as to soil or care, it will respond quickly to water and fertilizer.

Additional information on the Jujube with recipes for the use of the fruit may be secured by writing to the Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing ten cents, and asking for Bulletin No. 1215 of the U. S. Department of Agriculture.

Prices for stocky, grafted, field grown trees:

	Each	Per 10
4 to 6 feet.....	\$1.75	\$15.00
3 to 4 feet.....	1.50	12.50
2 to 3 feet.....	1.25	10.00

**Lang.** Large pear-shaped fruit, 1½ to 2 inches long. Produces a great abundance of fruit and often bears the first year after planting.

**Li.** This variety has the largest fruits of all, often 2 inches in diameter. The shape is almost round, somewhat flattened at the ends; has a very small pit and is deliciously sweet and crisp.



**WONDERFUL POMEGRANATES**  
Big, Red and Sweet

## Figs

Figs require a warm, dry climate, with temperatures above 18 degrees F., and since these conditions are found in most of California, there is a wide field in which they may be successfully grown. They also need more water during the growing season than most deciduous fruits.

Figs are very susceptible to exposure and the roots must never be allowed to dry out during transplanting. After planting, the tops should be cut off to 24 inches or less and the wound covered with asphaltum paint or grafting wax.

### On Fig Roots

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 Fig trees, but not less than 10 of one variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$45.00
3 to 4 feet.....	.65	5.50	40.00
2 to 3 feet.....	.50	4.00	30.00

Write for prices on 300 or more.

**Brown Turkey.** (Black San Pedro, Black Spanish, Duro.) There has been considerable confusion as regards the correct name of this variety, but all figs commonly sold under the above names are identical, as far as we can determine. It is a very large, handsome, purplish-brown fig, becoming darker as it matures; oblique in shape, with a medium long neck; flesh rich strawberry red, fine grained, sweet and juicy. The quality is excellent and because of the size, appearance and earliness of the fruit, Brown Turkey is an exceedingly profitable market variety and is unexcelled for home use.

**Brunswick (Magnolia).** A medium to large fig, light brown in color, with a short neck and often one-sided. Flesh is fine grained and sweet, brownish-amber in color. The tree is short and stubby and will stand more cold than any other fig.

**Calimyrna (Smyrna).** The largest and finest fig grown, of enormous size, round and flattened at the end; a greenish-yellow skin and coarse reddish-amber pulp. The fruit has a richness and meatiness not found in any other fig and is the standard commercial variety for drying. Will not mature crop unless pollinized by the fig wasp (*Blastophaga grossorum*) which breeds in the wild Capri Figs. A Capri must be planted nearby and infested with the wasp to obtain a crop on the Calimyrna.

**Capri.** Capri Figs are valueless in themselves but provide a home for the fig wasps which are necessary to pollinize the Calimyrna. In large plantings the planting ratio is one Capri to twenty-five Calimyrnas.

**Mission.** The well-known California Black Fig. The fruit is medium to large, with a long neck, mahogany-violet in color and brownish-red flesh. The leading black variety for shipping and drying. It is quite hardy and does well in nearly all sections, producing extremely heavy crops. The tree is very large and thrifty.

**Kadota.** One of the finest figs for all purposes, as it will can, dry, pickle or ship fresh and give excellent results in every case. Largely planted for the fresh fruit market and most people prefer it to any other fig for eating fresh. Of medium size, with waxy, smooth, yellowish-white skin and pale amber flesh. Extremely sweet and rich. Very prolific in bearing.

**Panachee.** (Striped.) A peculiar variegated fig in which the fruit and often the stems and leaves are brilliantly striped with green and yellow. The figs are large, with blood-red pulp, of excellent quality.

**White Adriatic.** Very large, elongated, yellowish-green fruit with a short neck; flesh bright red, somewhat coarse but of excellent quality. A strong-growing prolific tree.

**White Genoa.** A very large pear-shaped variety with a waxy yellow skin and sweet amber pulp, somewhat similar to Kadota but a much larger fig. One of the finest for home use.

## Pomegranates

Pomegranates are one of the most ornamental of all fruit trees with their bright scarlet hibiscus-like flowers and their big crimson fruits which form a beautiful contrast with the dense bright green foliage. They grow naturally into a large bush but may be trained into a tree if desired.

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 Pomegranates sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$45.00
3 to 4 feet.....	.65	5.50	40.00
2 to 3 feet.....	.50	4.00	30.00

Write for prices on 300 or more.

**Papershell.** As the name indicates this is a thin-skinned variety of highest quality; fruit large; skin pale yellow with crimson cheek, the edible portion being a rich red, sweet and aromatic. October.

**Wonderful.** The largest and most highly colored of all Pomegranates. Big fruit, rich crimson in color; rich garnet flesh, very juicy and of excellent flavor. The best shipping variety, selling well in the Eastern markets. October.

## Paw Paw

The true Eastern Paw Paw which grows in the Eastern and Middle Western States. It grows to a height of from 10 to 40 feet in its native habitat but will probably not get as large in California. It is well worth a place in the garden for its beautiful large foliage and the purplish-red flowers which appear in the spring, but most people value it for the large dark brown fruits which ripen in the fall and possess a highly aromatic flavor. Those who have gathered it in the woods in their boyhood days will cherish it for the memories it recalls. Strong plants, 2 to 3 feet, \$1.00 each.



**BROWN TURKEY**

**PANACHEE**

**WHITE ADRIATIC**

**KADOTA**

Four Reasons Why Figs are a Popular Fruit

## Walnuts



**FUYU PERSIMMON**  
New, Different, Non-astringent Variety

## Persimmons

The Japanese Persimmon adds a touch to the home orchard that is out of the ordinary and the large, luscious fruits, ripening after the fall frosts have come, offer a fitting close to the fruit season. It succeeds almost anywhere in California.

It is not necessary to plant pollinizers with Persimmons in California, but doubtless a larger crop will be obtained if one or more trees of the Gailey are planted with other kinds.

### On Lotus Roots

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 Persimmon trees, but not less than 10 of one variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 5 feet.....	\$1.25	\$11.00	\$90.00
3 to 4 feet.....	1.00	9.00	75.00
2 to 3 feet.....	.75	6.50	50.00

### Write for prices on 300 or more.

**Gailey.** The fruit is small and valueless and we recommend it only for planting with other kinds for cross-pollination purposes.

**Hachiya.** Very large conical fruit of bright orange-red, with sweet, rich, mellow flesh. Astringent until ripe and then very fine indeed. A large well-grown Hachiya persimmon is one of the most beautiful fruits we know of. It is the leading commercial persimmon at the present time.

**Okame.** A medium sized, flattened and slightly four-sided fruit of excellent quality; rich red in color. A prolific tree.

**Tamopan.** A very large fruit, flattened, often five inches in diameter, weighing over a pound and oddly marked by a crease completely around the stem end. Deep golden red in color. Ripens late.

**Fuyu.** This new persimmon is quite different from all other commonly grown varieties in that it is never astringent or puckery. It is quite firm even when fully ripe and may be eaten hard like an apple whenever it is sweet enough. The fruits are large, flattened and are borne freely. Predictions are freely made that it will surpass all other kinds as a commercial fruit and we certainly have great difficulty in growing enough trees to supply the demand for home planting. The trees bear quite young and produce great clusters of fruit in abundance thereafter. Fuyu is one of the heaviest and most consistent bearers among Persimmons.

Prices on Fuyu:	Each	Per 10	Per 100
4 to 5 feet.....	\$1.50	\$13.50	\$125.00
3 to 4 feet.....	1.25	11.50	110.00
2 to 3 feet.....	1.00	9.00	85.00

Walnuts have brought a more consistent price to the grower over a period of years than most orchard crops, due largely to the splendidly organized co-operative marketing association formed by the growers. The acreage even in California is necessarily limited to certain situations, so that the industry has a favorable outlook.

Our trees are grown from carefully selected scions from the best fruiting orchard trees under conditions of soil and climate which produce an excellent root system and a clean vigorous top. They are grown on the native Northern Black Walnut (*Juglans Californica*).

Walnuts make a wonderful shade tree for the home, but should be planted where they will have plenty of room to spread out, as they get very large in time. The trees grow rapidly after the first year and begin to bear at two or three years of age.

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 Walnut trees sold at the 100 rate.

	Each	Per 10	Per 100
10 to 12 feet.....	\$2.00	\$17.50	\$150.00
8 to 10 feet.....	1.75	15.00	125.00
6 to 8 feet.....	1.50	12.50	110.00
4 to 6 feet.....	1.25	11.00	90.00

### Write for prices on 300 or more.

**Placencia.** While new varieties come and go, the Placencia remains the most popular and profitable walnut in Southern California. The nuts are roundish oval, smooth, with a thin strong shell and are of a desirable commercial size. The kernel is smooth, plump and light colored. The tree is precocious and a heavy bearer.

**Eureka.** Ranks second to Placencia as a commercial nut. Very large, elongated nuts; shell light straw color, very heavy and well sealed; cream colored, plump, waxy kernels. An ideal nut for the market and brings higher prices than the Placencia, but does not bear as young as the latter nor so heavily. Hardier than Placencia, because it blooms later, and also more immune to sunburn.

**Franquette.** Owing to its lateness in blooming, its hardiness and dense foliage, this French variety stands in high favor with Northern growers. The nut is large, elongated, smooth, tightly sealed, with a full, sweet kernel.

**Wilson Wonder.** The "Jumbo Walnut," so called because of its enormous size. An extremely large nut, with a rough shell. The kernel is good, but does not always fill the shell. Bears very young and heavily.

## Chestnuts

The Chestnut should be planted far more in California than it is at the present time, because it does particularly well in most sections of the state, producing very heavy crops of nuts which bring a good price in the markets. Also the trees make beautiful large ornamental shade trees with dense, dark green foliage and symmetrical tops. They do not attain great size, but make a medium growth which is most satisfactory for many locations, and we can recommend them for all parts of this state, except the hot dry desert sections. For trees combining beauty and a valuable economic crop, we know of nothing better than the Chestnut.

In order to secure cross-pollination at least three trees should be planted together.

**Marron Combale.** A beautiful big golden-brown nut of French origin. One of the finest of all chestnuts. Grafted trees, 3 to 4 feet, \$2.50; 2 to 3 feet, \$2.00.

**Spanish Seedlings.** The European type of chestnuts which are also called Italian Chestnuts, do particularly well on the Pacific Coast. The different trees vary only slightly in their bearing habits and the nuts are quite uniform. The trees are very ornamental with large dark green leaves and we highly recommend them for shade trees. The nuts are fairly large, sweet and of good quality, and the tree bears very young. Larger crops will be secured if several trees are planted together. 4 to 6 feet, \$1.50 each, \$12.50 per 10; 3 to 4 feet, \$1.00 each, \$9.00 per 10.

## Almonds

Two or more varieties of Almonds must be planted together, in the right combination, to secure successful pollination. Good combinations are Nonpariel and Drake or Texas, Nonpariel and Ne Plus Ultra, Ne Plus Ultra and I.X.L.

### On Peach or Almond Roots

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 Almond trees, but not less than 10 of one variety, sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$0.75	\$6.50	\$45.00
3 to 4 feet.....	.65	5.50	40.00

Write for prices on 300 or more.

**Drake.** A good commercial nut because it bears uniform crops from year to year and adapts itself to all almond districts. Medium size, almost round, with a medium soft shell, plump and well filled with a good kernel. A good pollinizer for Nonpariel.

**Ne Plus Ultra.** A widely planted and popular almond, chiefly valuable because of its very attractive outside appearance and its generally large size. The tree is a vigorous grower and bears large regular crops, and the nuts are large and long with a soft, corky shell. A good pollinizer for Nonpariel.

**Nonpariel.** Probably the most valuable commercially grown variety in California at the present time because of its excellence for shelling purposes and its habit of bearing regular and uniform crops year after year. Medium size, soft shell, with plump elongated kernels which are clean and attractive.

**I. X. L.** This variety brings the highest prices for nuts marketed in the shell because of its clean, attractive appearance and plump kernels. Of medium size, white soft shells. The tree is tall and upright.

**Texas.** Now one of the most popular almonds commercially because of its extremely heavy, consistent crops of small soft-shelled plump nuts, excellent for shelled kernels. A late bloomer and good pollinizer for Nonpariel and Drake.

## Filberts

Filberts are certain varieties of European Hazel Nuts. They are produced on a large bush or small tree, and bear good sized nuts of excellent quality. They do best in a cool, fairly moist climate and are well worth trying in the coastal district of Southern California.

Two or more varieties must be planted together to insure cross-pollination.

Heavy, well-rooted trees, \$1.50 each; \$12.50 per 10.

**Barcelona.** The best Filbert for general planting. A large, round nut, sweet and rich, which drops freely from the husk. Bears well when properly pollinated.

**Du Chilly.** A large fine nut, bearing fair crops, but its chief value is a pollinizer for the Barcelona. Filberts make beautiful ornamental bushes where they do well.



SPANISH CHESTNUTS THRIVE IN CALIFORNIA



## LEADING PECANS FOR THE SOUTHWEST

Burkett	Halbert	Stuart
Success	Van Deman	

## Pecans

Pecans are a comparatively new crop for the Southwest but with the right location, good, deep soil and plenty of water, there is no reason why excellent results cannot be obtained with Pecans in the interior valleys of California and Arizona. Most of the varieties that we list below are Western Texas varieties which are adapted to the arid districts of our section and which have been found successful here. Of the following varieties, only Halbert and Success are self-fertile and will bear alone without cross-pollination. In commercial plantings several varieties should be included to insure cross-pollination.

	Each	Per 10	Per 100
8 to 10 feet.....	\$3.50	\$32.50	\$275.00
6 to 8 feet.....	3.00	27.50	225.00
4 to 6 feet.....	2.50	22.50	175.00
3 to 4 feet.....	2.25	20.00	150.00

**Burkett.** Probably the most valuable pecan for California and Arizona, and the trees that have come into bearing in this section have borne very heavy crops. The nut is large, almost round, thin-shelled, the whole meat coming out very readily. Makes a beautiful shade tree.

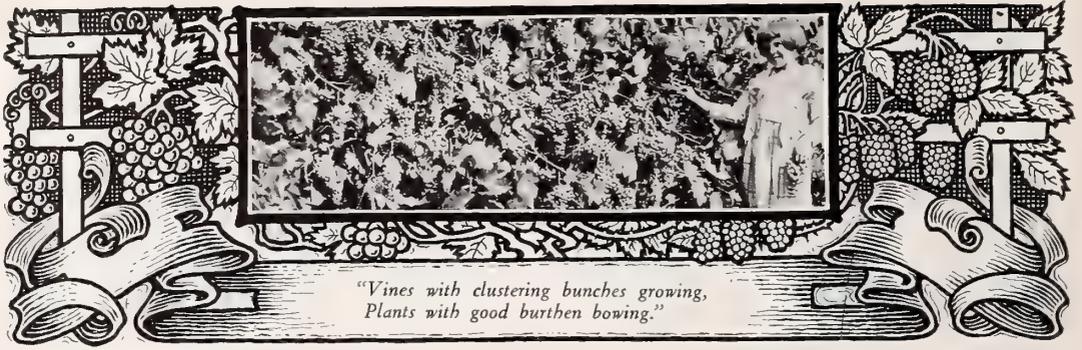
**Delmas.** A long, large pecan of excellent quality, with a medium thin shell. Not so thoroughly tested in California as some other kinds.

**Halbert.** A rather small, almost round nut; an extremely heavy bearer, the trees in the desert sections of California producing as much as 190 pounds eight years after planting. The nuts are thin-shelled, of very high quality, and shell out easily.

**Success.** This has been the most widely planted of all pecans in California and the finest and oldest-bearing trees are of this variety. Large and oblong, with medium thick shell; quality good.

**Stuart.** A well known and widely planted variety in the Southern States, with very large handsome nuts; fairly thick shell; high quality kernel. A comparatively shy bearer in California.

**Van Deman.** A large, long, smooth nut, with a medium thick shell, shelling easily, and with a high quality kernel. Fine, large ornamental tree.



## Select Vine and Bush Fruits

Grapes and berries from all over the world do wonderfully well in California and every home should have a few vines near it. It only takes two years to get good crops on most grape vines, so results are soon obtained. Grapes are also valuable ornamentals on fence or arbor.

### Home and Shipping Grapes

	Each	Per 10	Per 100
Price.....	\$0.25	\$2.00	\$10.00

Ten assorted grapevines sold at the 10 rate, less than 10 at the each rate; 50 vines, but not less than 10 of one variety, sold at the 100 rate.

Write for prices for 500 or more, naming quantity and varieties.

Varieties suitable for arbor or trellis have the capital letter "T" following the name.

Listed in order of ripening.

**Khalili.** A new Persian grape which is the very first variety to ripen. White, round berries of excellent flavor, borne in loose bunches. Brings good prices on the early market and is much relished in the home garden as the first grape of the season.

**Chasselas Fontainbleau.** (Sweetwater or Chasselas Rose.) Compact bunches; very sweet and juicy; color amber, flushed with rose. Valuable because of its extreme earliness. Early July.

**Chasselas Neuschatel.** A very early, extremely juicy white grape in very close, compact bunches; bears enormous crops. July.

**Black Monukka.** T. A seedless black Persian grape much resembling Thompson Seedless, except that the berries average one-third larger and are purplish black when mature. Very large, loose bunches borne in great profusion. A wonderful early eating grape. Prune long. Early August.

**Thompson Seedless.** The best known seedless grape, widely planted for raisins and market and a fine home fruit as well. Very large bunches of rather small, greenish-yellow berries, sweet and mild. Canes should be pruned long. August.

**Hyaless.** A very large, early, white grape ripening with Thompson Seedless. The big berries, in large compact bunches are sweet and juicy, and although the berries are too tender for shipping, its earliness recommends it for home planting. July.

**Sultanina Rosea.** A grape which is exactly like the Thompson Seedless, but the berries are colored a beautiful blush pink, deepening to red in the sun. The same high quality as the Thompson.

**Sultana.** Great large bunches of small, round, golden-yellow seedless berries. Largely planted for seedless raisins and table fruit. August.

**Kandahar.** A comparatively new Persian grape, with beautiful amber berries in large loose bunches, of far better appearance than any other white grape of its period. The berries are very large, with a mild pleasant flavor.

**Black Muscat.** Large black berries with a pronounced muscat flavor, decidedly the richest flavored of all grapes we grow. We recommend it especially for home planting. August.

**Dizmar.** A new grape with great possibilities for shipping. Large, elongated white berries in medium size bunches; skin very firm; flesh crisp, meaty, and sweet. Early August.

**Zante Currant.** T. (Black Corinth.) The variety from which the dried currants of commerce are made. Large, compact bunches of very small blue-black seedless berries like currants, very juicy, sweet and richly flavored. August.

**Malaga.** A leading shipping variety and one of the finest table grapes. Bunches very large and loose; berries large, oval, yellowish green, with a thick skin and firm, sweet, rich flesh. Does best in hot climates. Late August.

**Ribier.** T. One of the largest grapes grown, and at the same time one of the most handsome. Extremely large, round, perfectly black berries in medium size bunches, very sweet and rich in flavor. Ripens in August, but will stay on vine until late September. Unexcelled for home and market.

**Black Malvoise.** T. A fine grape bearing immense crops of oval, juicy, reddish black berries. A strong grower and good arbor grape. Late August.

**Dattier de Beyrouth.** A Persian grape which is one of the finest varieties for eating that can be grown, and also excels for shipping and raisins. Very large, elongated oval, amber berries of exquisite flavor, in large, loose bunches. September.



**BLACK MUSCAT GRAPES**  
Possess the Richest Flavor of All



**MARAVILLE DE MALAGA GRAPE**  
One of the Very Finest Red Grapes

**Lady Finger (Rish Baba).** Got its name because the berries are very long, slender and white-skinned. Large long bunches; flesh crisp, tender and sweet. A good home and shipping grape. Late September.

**Black Hamburg.** T. Has large bunches of coal black, round berries, very firm, juicy, sweet and rich. A favorite grape for home and local markets. Late September.

**Rose of Peru.** T. A very beautiful high quality grape for local markets or home use. Large, loose bunches of large, round, black berries, crisp, sweet and rich. Excellent for trellis. September.

**Maraville de Malaga (Molinera).** This is a wonderful red shipping grape, and for home use it is unexcelled. The berries are large, round and bright red. Very firm, sweet flesh with a thick skin. The vine is very vigorous and produces a heavy crop of large, loose bunches. Early September.

**Muscat.** The white raisin grape planted so extensively in California, and one of the richest flavored of all grapes. Large, loose bunches of oval berries. September.

**Alicante Bouschet.** One of the most famous juice grapes. Sweet, bright red juice, much used for coloring. September.

**Zinfandel.** Compact bunches of very juicy black grapes, borne in enormous quantities. Planted extensively as a juice grape. September.

**Zabalkanski.** A red Persian grape with large, slender, elongated berries, coppery red in color, in long bunches; highly flavored and handsome.

**Kurtelaska.** Medium sized white berries, mild and pleasant in flavor, and similar to Malaga in general appearance. Good grower and bearer. September.

**Mission.** T. Berries medium, round, black, sweet; bunches large, loose; an old standard juice grape. Produces large tonnage to the acre. September.

**Olivette Blanche.** T. Large, long, slender berries, greenish-white in color, with a rich flavor. The bunches are large and compact and the berries very firm. The vine is vigorous and a heavy producer and it is becoming one of the best known late market grapes. September.

**Olivette de Cadanet.** T. Very similar to Malaga, but ripens considerably later; large, well filled bunches of oval, greenish-white berries; skin rather tough, handling well for market. Early October.

**Flame Muscat.** A new grape exactly like the Muscat, with the same rich flavor and large berries of that famous variety, but with bright red berries, the color being intensified in hot weather. It ripens from 3 to 4 weeks later than Muscat.

**Flame Tokay.** One of the leading shipping grapes of California. Berries and bunches very large, red, covered with lilac bloom; flesh firm, crisp and sweet. One of the handsomest grapes grown. October.

**Gros Colman.** T. Berries of this variety are as large as small plums, and are borne in immense clusters. Berries a rich blue, firm and crisp, and extremely handsome in appearance. Early October.

**Cornichon.** T. One of the best late shipping grapes. Berries long and oval, purplish black; skin very thick; bunches long and loose; sweet and of excellent quality. October.

**Emperor.** T. Bunches, large, long and rather loose; berry large, oblong, wine colored, very firm; a very late variety and one of the standard shipping grapes. October.

**Hunisa.** A large late new purplish black grape, with large elongated, cylindrical berries, mild in flavor with a thick skin. Late October.

**Almeria (Ohanez).** Berries greenish-white, medium to large, cylindrical, flattened on the ends. The latest white grape, keeping for a long time after picking because of its tough skin. October.

**Black Morocco.** Berries extremely large, round, purplish black; sweet and crisp; in large compact bunches. One of the largest of all grapes and one of the latest, ripening up to Thanksgiving.

## Grafted Grapes

There are certain regions in which grape vines become infested with *Phylloxera* on the roots. This may be overcome by planting vines grafted on resistant stock.

We can furnish vines grafted on *Phylloxera* resistant stocks in the following varieties:

	Each	Per 10	Per 100
Price.....	\$0.60	\$5.00	\$40.00
Black Hamburg		Maraville de Malaga	
Black Muscat		Muscat	
Emperor		Thompson Seedless	
Cornichon		Tokay	
Malaga		Zinfandel	



**BLACK MONUKKA**  
Early, Sweet and Seedless—Delicious to Eat



**CONCORD GRAPE**  
Most Famous American Grape

**Hardy American Grapes**

This type of grape, of which the Concord is a typical example, is quite hardy and is extensively grown in the eastern and middle western states. They are sometimes known as "slipskins," are usually strong growing vines, are all suitable for arbor and trellis, and do well anywhere on the Pacific Coast with the exception of locations where extreme heat and dryness is experienced.

Those people from the East and Middle West who prefer this type of grape may enjoy them to the full, because they produce just as well in California as anywhere in the country. The stronger growing kinds such as Pierce, Christmas, America and Niagara, make wonderful arbor grapes.

	Each	Per 10	Per 100
Price.....	\$0.40	\$3.00	\$20.00

Write for prices on quantities, naming quantity and varieties.

All of the following varieties are suitable for arbor or trellis.

Listed in order of ripening.

**Campbell Early.** The first American grape in our list to ripen. Large, black, sweet berries in small or medium bunches. July.

**Amber Queen.** An early American grape with large, richly flavored, juicy berries; dark amber red in color. A heavy bearer. July.

**America.** The berries are similar to Concord, but two weeks earlier, being large and black and of excellent flavor. Fine for arbor or trellis because of its great, long canes and large leaves. August.

**Pierce (California Concord, Isabella Regia).** Similar to Concord, but the berries and bunches are larger and the vine is a stronger grower. It is one of the finest of the American grapes for California and we highly recommend it. August.

**Worden.** Similar to Concord in shape and flavor, but larger, ten days earlier, but does not keep as well. Early August.

**Niagara.** The standard American green grape, holding the same rank among green kinds that Concord holds in the blacks. Berries large, pale-yellow, tender, sweet and juicy. August.

**Concord.** Undoubtedly the most widely known and popular of all American grapes. Black in color, with a bluish bloom, borne profusely in medium sized bunches. The Concord does well in California, except in the regions of extremely hot summers, and its rich flavor is just the same when grown here as in the East. August.

**Catawba.** The leading red American grape, of high quality and a very productive bearer. Dull purplish-red in color. A good keeper. September.

**Isabella.** An attractive large, glossy black grape, with a thick skin and a musky flavor. A very vigorous grower with large leaves. September.

**Christmas.** A Luther Burbank introduction, similar to the Concord in size, color and flavor, but much later and ripens over a long period. A vigorous growing vine suitable for trellis. October.

**Blackberries**

Less than 10 of a variety at each rate; 50 at 100 rate. Write for prices on 500 or more.

Price for Himalaya and	Each	Per 10	Per 100
Crandall.....	\$.25	\$2.00	\$10.00

**Crandall's Early Blackberry.** A strong, vigorous grower; very productive; berry firm and of good size, rich black color; one of the earliest to ripen.

**Himalaya Blackberry.** A rampant grower, the canes often reaching 40 feet in one season, and bearing enormous crops of excellent medium sized berries. This variety and Crandall's do well in the Imperial Valley because they are early.

**Mammoth Thornless Blackberry.** (Cory Thornless.) The very finest of all blackberries, producing great quantities of long black berries, often 2 inches in length, with a sweet delicious flavor. The flesh is firm, melting and juicy, with few seeds. The plants are extremely vigorous, often making a growth of 20 feet in one season. The canes are thornless. Ripens midseason.

Price for Mammoth Thornless:	Each	Per 10	Per 100
One year transplants.....	\$.35	\$3.00	\$17.50
Strong rooted tips.....	.25	2.00	12.50

Write for prices on 500 or more.



**MAMMOTH THORNLESS BLACKBERRY**  
The Best of All Blackberries

## The New Youngberry

Here is a berry which positively has revolutionized the berry industry in Southern California, at least during the past year or two, and has done so on sheer merit. The Youngberry was originated in Louisiana 24 years ago as a cross between the Phenomenal Berry and the Mayes-Austin Dewberry. It was not introduced into California until 1925, but it seems to be particularly well adapted to our conditions and it has now attained amazing popularity.

The berries are always large and often enormous in size, yet they are firm enough to be remarkable keepers and shippers. They are a deep wine-color, changing to jet black as they age, and the exquisite flavor suggests a combination of raspberry, blackberry and dewberry, with a piquancy which gives just the right zest to their superior sweetness. The seeds are so few and so soft that the berries may be considered as practically seedless, and even the cores are tender and melting. For eating fresh or for jams and jellies, we do not believe they have a superior, and market dealers will corroborate the fact that housewives once familiar with the Youngberry will select it in preference to any other kind.

The vines are extremely vigorous, mildly thorny and should be trained on wire trellises. The large size of the berries and their accessibility makes picking cost much less than ordinary berries. The fruit ripens very early, about two weeks after the Gardena, and is borne continuously for several months. We have no hesitancy in highly recommending the Youngberry either for home or commercial planting. Plant six to seven feet apart in rows eight to nine feet apart.

	Each	Per 10	Per 100
Extra large Transplants.....	.50	\$4.50	\$35.00
Strong Rooted Tips.....	.25	2.00	10.00

## Raspberries

	Each	Per 10	Per 100
Price—Strong plants.....	\$.25	\$2.00	\$10.00

Less than 10 at each rate; 50 at 100 rate. Write for prices on 500 or more.

**Black Cap Raspberry, "King of the Cliff."** A fine, large jet-black berry, a very vigorous grower. It is not so dry and seedy as most Black Raspberries and does particularly well in California.

**St. Regis Raspberry.** The best red raspberry for general use in California. It ripens early and continues to produce good crops throughout the season. The berries are medium to large, rich and sugary, while the bushes are strong and vigorous.

## Dewberry

	Each	Per 10	Per 100
Transplants .....	\$.25	\$2.00	\$12.50

**Gardena Dewberry.** The very earliest berry that we have, ripening two weeks before any other kind. Large, glossy black fruit of fine flavor, borne abundantly. Trailing grower, quite different from any other berry grown.

## Loganberry

	Each	Per 10	Per 100
One year transplants.....	\$.35	\$3.00	\$17.50
Strong rooted tips.....	.25	2.00	10.00

**Loganberry.** Berries extremely large, purplish-red with a very pleasant tart flavor, combining the taste of the blackberry and raspberry. A strong trailing grower.

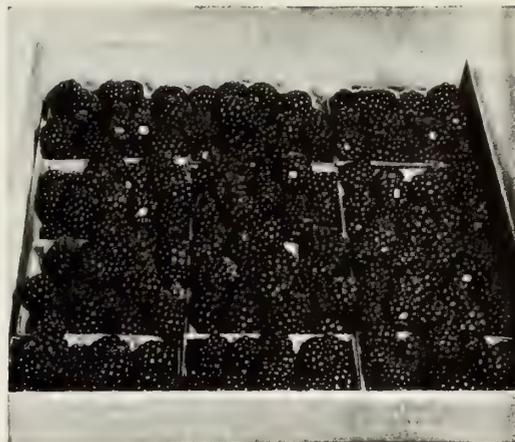
## Currants

Currants and Gooseberries ordinarily do not bear well in the low altitudes of Southern California, but in higher altitudes and in other parts of the State they do exceedingly well.

Rooted Plants, 40c each; \$3.00 per 10.

**Cherry.** A popular, well-known variety. Large, bright red berries, juicy and fine flavored.

**Perfection.** Berries good size; good quality; bright red; flavor rich, mild and sub-acid; exceedingly productive.



**THE NEW YOUNGBERRY**

Delicious for Pies and Jams—Profitable for Market

## Strawberries

50 at 100 rate; 500 at 1000 rate. Write for prices on 5000 or more.

**Banner.** There is no finer strawberry than Banner for the Coastal region. The sweet flavor and attractive appearance of its dark red, roundish-conical fruits carry it ahead of all others. A heavy bearer, and unexcelled for quality. 50c per 10; \$2.50 per 100; \$17.50 per 1000.

**Blakemore.** A new strawberry just introduced by the U. S. Department of Agriculture possessed of qualities which will cause it to supersede many of the commercial varieties now grown. Its biggest advantage is the beautiful bright light red color which does not change as the berries are picked and held or when they are preserved. The firm berries are above average in size, easy to pick and of high quality. 75c per 10; \$4 per 100; \$25 per 1000.

**Carolina.** A vigorous grower with good covering foliage, probably more largely planted commercially than any other because it produces so heavily and is a good shipper. Best for interior sections. 40c per 10; \$2.00 per 100; \$12.50 per 1000.

**Progressive.** We like the berry because of the great richness of its flavor and the length of its season, which lasts three months longer than most other kinds. The berries are long and pointed, small to medium in size and borne in great abundance. As nearly everbearing as any. 50c per 10; \$2.50 per 100; \$17.50 per 1000.

**Mastodon.** The berries are mammoth in size, round-conical in shape, and of a good, medium dark red color. It starts producing its giant richly colored berries early in the summer and keeps them coming until Thanksgiving, the last picking producing the same enormous berries as the the first one. The flavor is not as good as some other kinds, but very pleasant, the size and appearance being unequalled. 50c per 10; \$2.50 per 100; \$17.50 per 1000.

## Gooseberry

40c each, \$3.00 per 10.

**Oregon Champion.** Large round, transparent, pale green fruits of excellent quality. The bush is large and a prolific bearer.

## The Vegetable Garden

### ASPARAGUS

50c per 10; \$2.50 per 100; \$15.00 per 1000.

**Mary Washington.** The earliest of all varieties of asparagus. Said to be rust resistant.

### RHUBARB

**Giant Crimson Winter.** Stalks of mammoth size, excellent flavor and quality. Heavy roots, 25c each; \$2.00 per 10; \$15.00 per 100.

# Beautify your Home Grounds

California and the Southwest are known the world over for their attractive homes, because no home is considered complete until it is properly set in a garden. However, our diversity of plant material and variation of climate and soil sometimes make gardening for the uninitiated a difficult task.

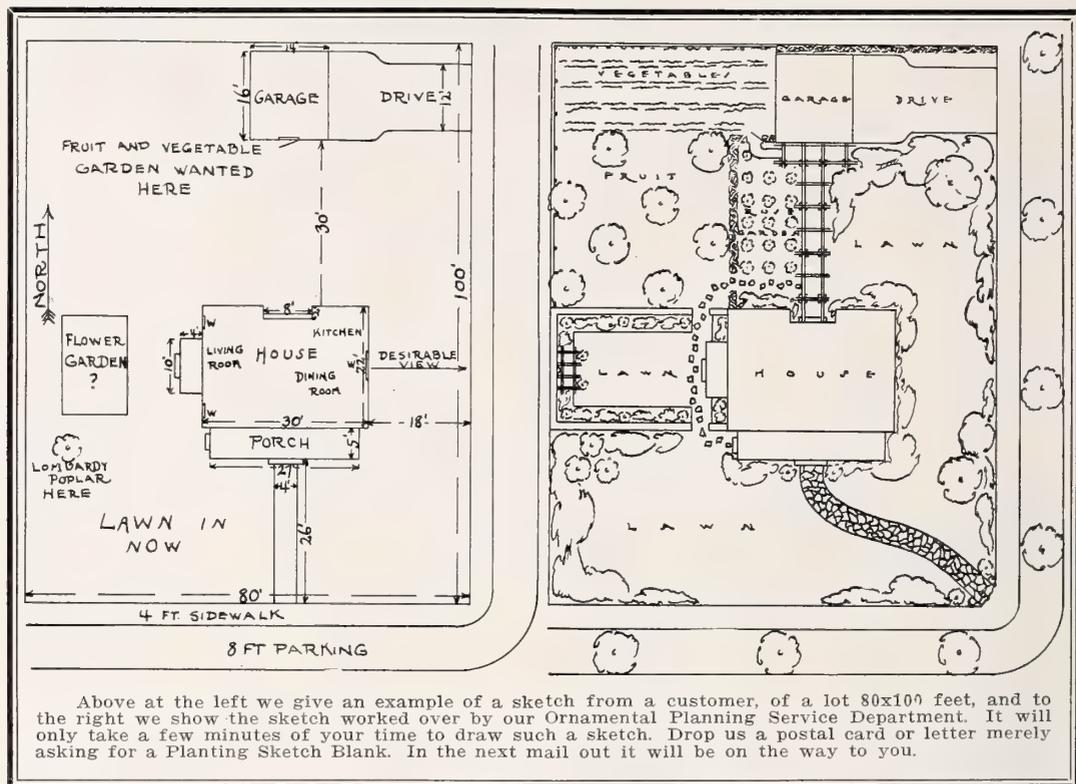
## A Free Offer of Help

We have recognized this problem of the home owner and have developed a Planning Service which makes it possible to select the proper material, and to place it in the planting scheme in such a way that it will grow into a delightful garden. The economy of this idea is evident, for not only are the plants properly spaced with relation to one another, but they are arranged for permanent effect so that they become a part of the home.

## We Guarantee Satisfaction

A deposit of \$5.00 is required when you send in the blank. This is placed to your credit and applied on any purchase made; the service rendered thus costing you nothing.

This department welcomes inquiries concerning your proposed planting and if no plan is made, a deposit is not required. Many satisfied planters throughout the Southwestern portion of the United States testify to the success of our plan in helping to make their home grounds beautiful.



Above at the left we give an example of a sketch from a customer, of a lot 80x100 feet, and to the right we show the sketch worked over by our Ornamental Planning Service Department. It will only take a few minutes of your time to draw such a sketch. Drop us a postal card or letter merely asking for a Planting Sketch Blank. In the next mail out it will be on the way to you.

## More about Our Plan

Send for our Planting Sketch Blank, which is ruled for scale. Draw a rough pencil sketch of your lot, showing location of house, garage or other buildings, walks, pergolas, permanent trees or shrubs already planted, etc.—following instructions given on the reverse side of the Sketch Blank. Photographs or sketches of the house are also welcome.

When the sketch is received, the experienced men in our landscape department will give your drawing personal attention and quickly revise it, showing the location of every plant suggested to make a harmonious planting. A list will be made of the plants needed, with the price, all of which will be returned to you, for your approval.

You then send us the order and if you live within our delivery limits, as shown on the front inside cover of Catalog, we will make delivery by truck on terms given, or if at a greater distance, we crate the plants securely and ship by freight. The planting is easily done, but if you cannot do the work yourself, the services of a nearby and usually available gardener may be obtained.

## Drive out and Consult with Us

It may be convenient for you to visit our salesyard, where all the trees and plants that we grow are on display. Bring along your sketch and courteous salesmen will be at your services to give you any information needed and to assist you in your selection. But if this is impossible be assured that we will give complete service and careful consideration when you deal with us through the mail, from the time your sketch is received until the plants are at your door.

We guarantee that your dealings with us will be satisfactory to you.

## What about Large Places?

This service is offered to all home owners whose lots are the usual size with a frontage up to about 75 feet. Larger lots and big country places should have personal attention and a visit. For such places special arrangements are necessary and advisable, and our landscape department is prepared to render such service at moderate cost.



# Palms, Bamboos and Grasses

Palms are sentinels of plant life in the arid region of the Southwest; no plants lend such a sense of majesty and dignity to the landscape when once the larger varieties attain mature age. And no group is capable of producing so strong a suggestion of tropical vegetation as the Palms with their graceful arching evergreen fronds. Among the sorts listed below are low growing, spreading varieties, tall, slender palms, kinds that are only hardy near the coast, and others which find congenial conditions anywhere from California to Texas.

## CHAMAEROPS. Wind Mill Palm

**Chamaerops excelsa.** "Windmill Palm." 20 ft. Has a tall, dark, slender, densely hairy trunk, with a compact crown of stiff, deeply cut leaves at the top. Thrives even under very adverse conditions. Very hardy and requires very little space. Boxed, 5-6 ft., \$12.50; balled, 3-4 ft., \$3.50; 2-3 ft., \$2.50; gal. containers, \$1.00.

## COCOS

**Cocos australis.** "Pindo Palm." Paraguay. 10 to 15 ft. A short-trunked palm with a stout base and arching, graceful leaves of a powdery blue color. One of the hardiest and most drought resistant of all palms. Balled, 3-4 ft., \$4.00; 2-3 ft., \$3.00; 1½-2 ft., \$2.00; gal. containers, \$1.00.

**Cocos plumosa.** "Queen Palm." Brazil. 25 ft. The well-known palm so desirable for street planting in Southern California, with a tall, slender, smooth trunk topped with a plume-like crown of feathery, graceful leaves. The roots accommodate themselves to surprisingly small spaces. Balled, 9-10 ft., \$17.50; 8-9 ft., \$15.00; 7-8 ft., \$12.50; 6-7 ft., \$8.00; 5-6 ft., \$6.00; 4-5 ft., \$4.00.

## ERYTHEA

**Erythea armata.** "Blue Palm." A fan palm of comparatively slow growth. Desirable because of the lovely steel-blue color of its leaves. Very hardy. Balled, 2-3 ft., \$3.00; gal. containers, 1 ft., \$1.00.

**Erythea edulis.** "Guadalupe Palm." 30 ft. A rapid growing fan palm found in the wild state only on the Island of Guadalupe off the coast of Lower California. The leaves are large, rich green, and even the oldest leaves hold their color for many years. Balled, 3-4 ft., \$2.50; gal. containers, 1-1½ ft., 75c.

## KENTIA

**Kentia forsteriana.** The most beautiful palm for indoor decoration, being widely used in house and conservatory. Dark green foliage on graceful arching branches. In green redwood tubs, 4-5 ft., \$12.50; 3-4 ft., \$7.50; in 7-inch pots, 34-36 in., \$5.00; 30-34 in., \$4.00; 5-inch pots, 26-30 in., \$2.50.

## PHOENIX. Date Palm

**Phoenix canariensis.** "Ornamental Date Palm." Canary Isles. 60 ft. This is easily the best and most popular palm for general planting in California and the Southwest. It thrives under all sorts of conditions, is quite hardy, and grows very rapidly. Its dense, immense crown of beautifully curving leaves, each 15 feet long and of a very pleasing dark green color, and its stately and rapid growth, combine to make this species an ideal palm for street, park and lawn. Boxed, 5-6 ft., \$7.50; 4-5 ft., \$4.00; 5-gal. containers, 3-4 ft., \$3.00; 2-3 ft., \$2.00; gal. containers, 1½-2 ft., 75c.

**Phoenix roebelinii.** This beautiful dwarf palm grows only about 3 feet high, with a slender trunk and a soft-textured arching head of bright green fronds. It is slightly tender for outdoor planting, but is a good house plant and does well in containers for an indefinite period. In 6-inch pots, \$4.00

## OREODOXA. Royal Palm

**Oreodoxa regia.** "Royal Palm." A beautiful, smooth-trunked palm with a graceful head of drooping plumes at the top. Should be planted only in frostless locations. 6-inch pots, 1-2 ft., \$1.00.

## WASHINGTONIA. Fan Palm

**Washingtonia filifera.** "California Fan Palm." 80 ft. The most characteristic plant of California, being native to the desert regions. Very tall, stout trunk surmounted by large fan-shaped leaves, dark green with numerous whitish filaments. Gal. containers, 4-5 ft., \$4.00; 3-4 ft., \$3.00; 1½-2 ft., 75c.

**Washingtonia gracilis.** (W. robusta.) A palm very similar to the preceding but the trunk is proportionately much more slender and it attains greater height. Smaller leaves with few filaments. Balled, 4-5 ft., \$4.00; 3-4 ft., \$3.00; 2-3 ft., \$2.50; gal. containers, 1½-2 ft., \$1.00.



**COCOS PLUMOSA**  
The Famous Queen Palm

## AGAVE

**Agave americana. "Century Plant."** For desert or tropical effect, this rapid growing desert plant is valuable. Thrives from the ocean to the desert. 5-gal. containers, 1½-2 ft., \$1.50; gal. containers, 75c.

**Agave americana variegata.** The same as above, but the long thick leaves are striped green and white. Balled, 2-3 ft., \$1.50; gal. containers, 75c.

**Agave imperialis.** A handsomer variety than *A. americana*, the leaves being a brighter blue and the plant having a smoother, more uniform appearance, without the conspicuous thorns along the sides. Balled, 2-3 ft., \$2.50; 1½-2 ft., \$2.00.

**Agave fourcroydes.** A very tall type, with leaves six inches wide and seven to nine feet long, bright blue in color. This plant is the "henequen" grown for the fibre in Yucatan. Balled, 2-3 ft., \$2.50; 1½-2 ft., \$2.00.

## DRACAENA

**Dracaena australis.** New Zealand. 30 ft. A tropical appearing plant with sword-shaped arching leaves borne in a cluster at the top of the rather slender trunk. Once a year bears large panicles of white flowers. Much in demand for adding a decorative effect to houses with a Spanish type of architecture. Balled, 4-5 ft., \$5.00; 3-4 ft., \$3.00; 2-3 ft., \$2.50; gal. containers, 2-3 ft., 75c.

## YUCCA. Spanish Dagger

**Yucca whipplei. "Spanish Bayonet."** The finest of all Yuccas, the magnificent flower stalks bearing thousands of waxy white flowers, rising 10 to 15 feet above the low rosette of narrow leaves at the base. Gal. containers, \$1.00.

## BAMBOOS

**Bambusa nana. 6 ft.** A low-growing dwarf bamboo with graceful arching branches and finely divided compound leaves. Makes a broad spreading clump rather than a tall growing one. 5-gal. containers, \$2.00; gal. containers, \$1.00.

**Bambusa nana striata. "Striped Bamboo."** 6 ft. A rather dwarf arching clump, remarkable for the delicate beauty of its canes which are striped green and golden yellow. 5-gal. containers, \$2.00; gal. containers, \$1.00.

**Bambusa thousarsi.** A medium sized strong growing bamboo attaining a height of 20 feet, forming a thick clump of large stems one to three inches in diameter, with long slender leaves. 5-gal. containers, \$2.00; gal. containers, \$1.00.

**Dendrocalamus latiflorus. "Japan Giant Bamboo."** The most desirable of the Giant Bamboos, forming clumps of large stems three to four inches in diameter and 30 feet high, with long, broad leaves. 5-gal. containers, \$2.00; gal. containers, \$1.00.

## PAMPAS GRASS

**Pampas Grass. White.** Argentina. 10 ft. Forms a large clump of grass-like leaves, surmounted by great silvery white plumes which last for a long time. 5-gal. containers, \$1.50; gal. containers, \$1.00.

## ARUNDO

**Arundo donax variegata. "Giant Reed."** 15 ft. A woody plant resembling the Bamboo with foliage striped green and white. Hardy anywhere, and thrives in sand and dry places, therefore excellent for anchoring banks or making a low windbreak. Spreads from the roots. 5-gal. containers, \$1.50; dormant roots, 75c each, \$5.00 per 10, \$25.00 per 100.

## MUSA. Banana

**Musa ensete. "Abyssinian Banana."** 15 to 20 ft. A popular foliage banana with great broad leaves, borne on a heavy stout trunk. Does not sprout from the base. 5-gal. containers, 5-7 ft., \$3.00.

**Musa Martretti.** 20 ft. A very fast-growing Banana which sprouts from the roots and makes a tall, thick clump of enormous trunks and leaves in a short time. In tubs, 8-10 ft., \$4.00.

**Musa rosacea. "Pink Flowering Banana."** 10 ft. A rare decorative Banana with great, bright green leaves and stalks, and beautiful, deep rose pink blooms. A wonderfully novel and decorative plant, giving a luxuriant tropical effect. If severely frosted will sprout up quickly from the roots. 5-gal. containers, 4-6 ft., \$3.00; root divisions, shipped without earth, which make a rapid growth after being planted out, 75c each.

## CYPERUS

**Cyperus alternifolius. "Umbrella Plant."** A semi-aquatic plant with rush-like green stems, 1 to 3 feet high, surmounted by grassy whorls. Excellent for damp places, banks of pools or shady spots. Spreads from the roots. Gal. containers, 75c; 4-inch pots, 50c.

## EULALIA

**Eulalia zebrina.** 2 ft. One of the finest ornamental grasses, with narrow, ribbon-like leaves, deep green, banded with white, bearing panicles of purple flowers. We also have plants with plain green leaves. Either variety, gal. containers, 75c.

## Indoor Ferns

**Nephrolepis bostoniensis. "Boston Fern."** The standard indoor pot fern, dark green, graceful and healthy. In 8-inch pots, \$3.00; 7-inch pots, \$2.00; 6-inch pots, \$1.50; 5-inch pots, \$1.00; 4-inch pots, 60c.

**Nephrolepis whitmani.** Beautiful, feathery, fine-cut fronds like fine lace, about 18 inches long. 6-inch pots, \$2.00; 5-inch pots, \$1.25; 4-inch pots, 75c.

## Hardy Outdoor Ferns

**Asparagus plumosus.** Has handsome dark green lace-like foliage. Grows bushy in a pot but in the ground, partially shaded, forms tall climbing sprays. 5-inch pots, 50c; 4-inch pots, 35c.

**Asparagus Sprengeri.** Desirable for potted plants or suspended baskets, hardy and easily grown. In 10-inch hanging baskets, \$4.00; 5-inch pots, 50c; 4-inch pots, 35c.

**Alsophylla australis. "Australian Tree Fern."** 8 ft. A magnificent, fast growing tree fern, with a hairy trunk and gigantic yet graceful fronds 6 feet or more in length. Should have a moist shaded location. 10-inch boxes, 1½-2 ft., \$3.00.

**Nephrolepis exaltata. "Sword Fern."** The common easily grown fern so fine for planting outside in shaded situations. Spreads from the roots. 4-inch pots, 35c, \$3.00 per 10, \$25.00 per 100.

**Pteris tremula.** The fronds are 2 to 4 feet long, 6 to 12 inches broad on 1-foot stems. One of the finest hardy ferns. 6-inch pots, 75c.

**Woodwardia radicans.** The best hardy fern for outdoor planting, doing best in partial shade. Bright green fronds 2 to 4 feet long. Grows very rapidly. A native of the California mountains. In 5-gal. containers, \$1.25; gal. containers, 75c.



**PINK FLOWERING BANANA**  
Gives a Luxuriant Tropical Effect

# Ornamental Vines and Trailers

Nothing will produce a home-like and restful appearance quicker than to cover blank walls, bare fences and arbors with a covering of green vines. All vines are evergreen, unless stated to be deciduous

## AMPELOPSIS

**Ampelopsis quinquefolia.** "Virginia Creeper." Large green foliage, changing to brilliant scarlet in the fall and later dropping the leaves. Bare root, 50c.

**A. veitchi.** "Boston Ivy." A clinging vine useful for covering walls, chimneys and stone work. Changes from green in summer to gorgeous reds and yellows in autumn. Leafless for a time in winter. Gal. containers, 75c; 4-inch pots, 50c.

## BIGNONIA. Trumpet Flower

**Bignonia cherere.** Red Trumpet Vine. A beautiful evergreen climbing shrub bearing long, tubular flowers; blood-red, yellow at the base. 5-gal. containers, \$2.00; gal. containers, 75c; 4-inch pots, 50c.

**B. siderifolia.** A magnificent rampant deciduous trumpet vine, which covers an enormous space in one season when established. Many trumpet-shaped yellow flowers. 5-gal. containers, \$2.00; gal. containers, 75c; 4-inch pots, 50c.

**B. tweediana.** A yellow trumpet vine with many long slender shoots, clinging to any surface and making a dense mat of foliage. Excellent for Arizona and Imperial Valleys. 5-gal. containers, \$1.75; gal. containers, 75c; 4-inch pots, 50c.

**B. venusta.** The vivid orange colored flowers are borne in great masses all during the winter. Conspicuous in color, handsome in foliage, and vigorous in growth, but somewhat tender. Gal. containers, \$1.00; 4-inch pots, 75c.

**B. violacea.** One of the most beautiful of the Trumpet Vines, being covered in spring with large flowers of a delicate violet shade. Beautiful evergreen foliage. 5-gal. containers, \$2.00; gal. containers, 75c; 4-inch pots, 50c.

## BOUGAINVILLEA

**Bougainvillea Braziliensis.** One of the showiest plants in cultivation. Bears a mass of brilliant reddish-purple flowers, against a background of bright green leaves. The hardiest of the bougainvilleas, growing almost anywhere. Gal. containers, 75c; 4-inch pots, 50c.

**B. Crimson Lake.** A very showy bougainvillea. Just as vigorous in growth as the above, but immensely different in the color of the flowers which are large and brilliant crimson. Fairly tender. 5-gal. containers, \$3.00; 5-inch pots, \$1.50.

## CISSUS. Evergreen Ivy or Grape

**Cissus capensis.** "Evergreen Grape." A strong-growing plant exactly like a luxuriant, heavily foliaged grape vine, but it holds its leaves all through the year. The reddish-black fruits are edible. A fine vine for rambling over a large space. Gal. containers, \$1.00.

**C. striata.** (Ampelopsis sempervirens.) A slender evergreen climber with daintily cut leaves, fine for loose climbing on pillars and porches. Gal. containers, 75c; 4-inch pots, 50c.

## CLEMATIS

**Clematis paniculata.** "Sweet Autumn Clematis." An exceedingly popular, hardy vine of remarkably vigorous habit, often growing 25 feet in a season. Very thick, heavy foliage. Covered with a dense sheet of delightfully fragrant, white flowers in the summer. 4-inch pots, 50c.

## DOLICHOS. Pea Vine

**Dolichos lignosus.** "Australian Pea Vine." A perennial vine, rapid in growth and fine for a thick covering over fence or shed. Many small pea-like purple flowers. Gal. containers, 75c; 4-inch pots, 50c.

## EUONYMUS. Wintercreeper

**Euonymus radicans.** A low trailing shrub, which will climb if necessary, with little, round, dull green leaves. Much used as a hardy ground cover. Gal. containers, 1 ft., 75c; 4-inch pots, 50c.

## MANDEVILLA. Chile Jasmine

**Mandevilla suaveolens.** "Chile Jasmine." A fast growing tall climber with large, very fragrant white trumpet flowers two inches across. 5-gal. containers, \$2.00; gal. containers, 75c; 4-inch pots, 50c.

## FICUS. Fig Vine

**Ficus repens.** "Creeping Fig." The best evergreen vine for covering stone, brick or wood, making a close mat of foliage which clings to any surface. Small heart-shaped leaves. Very hardy, thriving anywhere. In gal. containers, 75c; 4-inch pots, 50c.

## GELSEMIUM. Jessamine

**Gelsemium sempervirens.** "Carolina Jessamine." A slender twining vine, rapid growing and hardy, covered in spring with golden-yellow, fragrant, bell-shaped flowers. Splendid for framing a small arch or gateway or low fence, where moderate size is desired. 5-gal. containers, \$2.00; gal. containers, 75c; 4-inch pots, 50c.

## HARDENBERGIA

**Hardenbergia comptoniana.** A handsome evergreen twining vine with long slender clusters of violet blue pea-like flowers in winter. A marvelously beautiful vine which should have partial shade in the interior. Gal. containers, \$1.00; 4-inch pots, 75c.

**H. monophylla.** Excellent half-climbing shrub, to 8 ft., with large, handsome foliage and spikes of lovely deep blue flowers. Likes partial shade and does best reclining against fence or wall. Gal. containers, \$1.00; 4-inch pots, 75c.

## HEDERA. Ivy

**Hedera helix.** "English Ivy." Too well known to need description; nothing is better for a permanent covering of green. Makes excellent wall or bank covering. Gal. containers, \$1.00; qt. containers, 50c.

**H. helix hibernica.** "Irish Ivy." Similar to the English Ivy except that the foliage is smaller. In gal. containers, \$1.00; qt. containers, 50c.

**H. helix marmorata.** Small leaves, irregularly blotched yellowish-white. Does best in half shade. Gal. containers, \$1.00; 4-inch pots, 50c.

**H. maderensis.** "Variegated English Ivy." Center of leaves light and dark green with creamy yellow margin. Plant in shady place. Gal. containers, \$1.00; qt. containers, 50c.



MANDEVILLA (CHILE JASMINE)  
Fragrant White Flowers and Luxuriant Foliage

## JASMINUM. Jasmine

**J. grandiflora.** "Spanish Jasmine." Probably the best white flowered Jasmine. Very vigorous, hardy to 10 degrees and does not mind heat. Intensely fragrant, and extremely rapid in growth. Gal. containers, 75c; 4-inch pots, 50c.

**J. primulinum.** "Primrose Jasmine." A very excellent yellow flowering vine, blooming profusely in the summer and very strong growing. 5-gal. containers, \$1.75; gal. containers, 75c; 4-inch pots, 50c.

**J. revolutum.** 6 ft. A half climbing shrub for use against fences or for filling in corners. Glossy evergreen foliage and fragrant yellow flowers. 5-gal. containers, \$1.75; gal. containers, 75c; 4-inch pots, 50c.

## LONICERA. Honeysuckle

**Lonicera japonica Halliana.** "Hall's Japan." Evergreen, vigorous climber; flowers white, changing to yellow; delightfully fragrant; fine for the Imperial Valley since it enjoys warm weather. In gal. containers, 75c; 4-inch pots, 50c.

**L. japonica halliana variegata.** "Variegated Hall's Japan." Has the same vigorous habits as above but the leaves are traced with a delicate network of gold. 4-inch pots, 50c.

**L. japonica rosea.** "Woodbine." Has small leaves and very fragrant flowers, yellow shaded purple. Gal. containers, 75c; 4-inch pots, 50c.

**L. sempervirens.** "Red Coral Honeysuckle." Less vigorous and bushy than above varieties, with twining grayish green shoots; oval leaves and large showy orange scarlet flowers. Gal. containers, 75c; qt. containers, 50c.

## MUEHLENBECKIA. Wire Vine

**Muehlenbeckia complexa.** "Maiden Hair Vine." Rapid growing, twining vine, with dark wiry stems and tiny round leaves. Gal. containers, 75c; 4-inch pots, 50c.

## PASSIFLORA

**Passiflora alba.** "White Passion Vine." A vigorous twining vine of loose open habit with beautiful white flowers, from the peculiar structure of which the plant gets its name. Gal. containers, 75c; 4-inch pots, 50c.

**P. caerulea.** "Blue Crown Passion Vine." A slender strong grower. Flowers a mixture of blue, white and purple. 4-inch pots, 75c.

## PHILADELPHUS. Syringa

**Philadelphus mexicanus.** "Climbing Syringa." A wonderful and extremely vigorous vine from Guatemala. Excellent for training along the eaves of a house or over a pergola, the branches growing outward and downward like a waterfall. Covered in spring with creamy-white double flowers two inches across and intensely fragrant. Hardy anywhere. Gal. containers, 75c; 4-inch pots, 50c.

## PLUMBAGO. Leadwort

**Plumbago capensis.** A semi-climbing plant covered all summer with lovely clear azure blue flowers. If not trained makes a large satisfying shrub which gets quite large in time and requires plenty of room. Quickly fills a corner or hides a fence. 5-gal. containers, \$1.75; gal. containers, 75c; 4-inch pots, 50c.

## PUERARIA. Kudzu Vine

**Pueraria hirsuta.** Kudzu Vine. For producing a quick effect this vine has no equal, since it often makes a growth of 40 to 60 ft. in one season. A perennial, with very large leaves and pea-shaped, purple flowers. Large roots, 35c each; \$2.50 per 10.

## RHYNCHOSPERMUM. Star Jasmine

**Rhynchospermum jasminoides.** "Star Jasmine." A very delightful, deliciously fragrant, hardy evergreen climber, rather slow growing, which may be trained over a pergola or against a porch, thriving in either sun or shade. The sweet scented, star-like flowers cover the plant all summer, perfuming the entire garden. 5-gal. containers, \$2.50; gal. containers, \$1.00; 4-inch pots, 50c.

**R. jasminoides variegata.** A slow growing form of the above for shady places, with the foliage beautifully marked and mottled with red, green and white. 4-inch pots, 75c.

## SOLANDEA. Cup of Gold

**Solanandra guttata.** "Cup of Gold." A tall vigorous vine with big shiny leaves and enormous trumpet-shaped, golden-yellow flowers six to eight inches across and quite fragrant. A climber that is truly snowy and different. Fairly tender. Gal. containers, \$1.00; 4-inch pots, 75c.

## SOLANUM

**Solanum jasminoides.** A good hardy trailing vine with loose climbing shoots and white flowers. 5-gal. containers, \$2.00; gal. containers 75c; 4-inch pots, 50c.

## SOLLYA. Australian Bluebell

**Sollya heterophylla.** Australian Bluebell Creeper. A trailing shrub with many slender, twining stems, of great value for covering banks, low fences, and arbors, or for twining over other objects. Brilliant blue, small, bell-shaped flowers. 5-gal. containers, \$2.00; gal. containers, 75c; 4-inch pots, 50c.

## TECOMA. Trumpet Flower

**Tecoma australis.** For rapidity of growth and for quantities of dense, glossy foliage on fence, arbor or building, this variety is unequalled. The plant is thick with small cream colored flowers in the spring. Gal. containers, 75c; 4-inch pots, 50c.

**Tecoma capensis.** "Cape Honeysuckle." May be grown as a half climber or a large shrub. Has thick bright green foliage and clusters of bright red flowers in the fall and winter. Gal. containers, 75c; 4-inch pots, 50c.

**T. grandiflora.** "Chinese Trumpet Flower." A handsome half-climbing deciduous plant, the most floriferous and gorgeous of all Trumpet Vines. Flowers very large, of a brilliant orange hue, in large terminal clusters. Grafted, field grown, \$1.50.

**T. grandiflora Mme. Galen.** 8 ft. A very fine variety of *T. grandiflora* but, if anything, more profuse in bloom and with flowers much deeper in color, being a very rich orange-scarlet. Its rich mass of color cannot fail to excite admiration. Grafted, field-grown plants, \$1.50.

**T. Mackenii.** A very strong growing evergreen climber with divided leaflets and many trumpet-shaped bright pink flowers, striped red. 5-gal. containers, \$1.50; gal. containers, 75c; 4-inch pots, 50c.

## THUNBERGIA

**Thunbergia Gibsoni.** For brilliancy of coloring, this vine is difficult to surpass. Its golden-orange flowers, one and a half to two inches across, never fail to draw admiration when in bloom, and it is in bloom almost all during the year. Not to be planted in cold locations. 4-inch pots, 75c.

**T. grandiflora.** "Sky Flower." Rather tender, but in frostless locations a magnificent vine and rare in California. Of extremely rapid growth, with large heart-shaped leaves which overlap to make a dense covering, the individual three-inch blossoms hanging in clusters over the plant, and with a color that is rare in vines, bright sky-blue. Even if frozen down, it comes right up and blooms the same season from September to January. Gal. containers, \$1.25.

## VINCA. Periwinkle

**Vinca Major.** "Periwinkle." Bright blue, flowering trailer for banks, borders, hanging baskets, window boxes, etc. Grows rapidly. In 2 1/4-inch pots, \$1.25 per 10, \$10.00 per 100; flats of 100, \$3.00.

**Vinca variegata.** Same as the above, has white and green variegated foliage. Potted, 2 1/4-inch pots, 25c each; \$1.25 per 10; \$10.00 per 100.

## WISTERIA

**Wisteria chinensis.** "Chinese Wisteria." The strongest grower and most prolific bloomer of all Wisterias. Flowers are blue, pendulous and cover the vine in spring. 2-yr. plants, \$1.50 1-yr., \$1.00.

**W. chinensis alba.** "White Chinese Wisteria." A fine variety with white flowers; otherwise same habit as preceding. 2-yr. plants, \$1.50; 1-yr., \$1.00.

**W. Multijuga.** "Japanese Wisteria." Probably the most beautiful of all Wisterias, because of the extreme length of its lilac flower racemes, which sometimes measure over 2 feet. Does not bloom as young as *W. chinensis*. 2-yr. plants, \$2.00.

**W. Multijuga rosea.** "Pink Japanese Wisteria." Same as above, but the long slender racemes are light lavender-pink. 2-yr. plants, \$2.00.

**W. violaceo-plena.** A beautiful double flowering variety, with violet-blue racemes, the flowers being deliciously fragrant, unlike most Wisterias. 2-yr. plants, \$2.00; 1-yr., \$1.50.

**Wisteria megosperma.** "Evergreen Wisteria." Not a true Wisteria but resembles them in habit of growth and flowers. However the vine is evergreen, and the flower racemes, four to six inches long, are very deep velvety red. Not to be planted where extreme frosts are experienced. Gal. containers, \$1.25.



# The World's Choicest Roses

We like roses and derive a great deal of pleasure from growing them. Accordingly we take great pride in the strength and quality of our rose bushes, giving them the utmost care and skillful nursery culture. Many unsolicited testimonials from the East, South, Middle West and Pacific Coast tell us that Armstrong Roses are giving satisfaction in all parts of the United States.

All of our plants are budded on **Ragged Robin** (*Gloire des Rosomanes*) root with the exception of some of the **Hybrid Perpetuals** and **Polyanthas**, which are grown from cuttings on their own root. **Roses** budded on **Ragged Robin** make strong vigorous plants almost everywhere in this country, providing the utmost in size, quality and abundance of bloom.

**ROSE CLASSES.** Nearly all of the roses we grow belong to the **HYBRID TEAS (HT.)**, and all varieties listed in this catalog belong to this group unless some other abbreviation follows the name. These are the **Everblooming Roses**, so called because they flower continuously, or at brief intervals, all through the spring, summer and fall. This group includes most of the finest roses, embracing all colors and including double, semi-double and single varieties, bush as well as climbing.

Of recent years new blood has been introduced into the **Hybrid Teas** by crossing them with the **Austrian Briers**, the resulting hybrids being called **Pernetianas**. Many of the new roses, particularly in the yellow, orange and apricot shades, were produced in this way, but there has been so much hybridization that it is no longer possible to keep them separate, and we list them all as **Hybrid Teas**.

The **Hybrid Teas** thrive over all of the American continent but most of them must have some winter protection where the temperature goes down to zero.

The **TEA ROSES** (designated **T**) are also ever-blooming but not quite so hardy as the **Hybrid Teas** and do best in mild climates. We list only a few.

Two other classes, **HYBRID PERPETUALS** and **POLYANTHAS**, are listed separately and described on page 33. Several additional classes of climbers are briefly described on page 34.

## New Roses

Trying out the newest rose introductions is a fascinating pastime in these days of progress, for the hybridizers have done amazing things to rose colors and characteristics. We try out each year all of the most promising new varieties from all over the world, selecting for propagation only those which are a distinct advance and an improvement over older sorts.

In the following selected new varieties rose lovers will find some of the most interesting and unusual roses of recent years. Some of the new shades and color combinations are amazingly beautiful.

## Five Outstanding 1931 Novelties

The price on the following five **Roses**, \$2.00 each.

**E. G. Hill.** (E. G. Hill Co., 1929.) Here is the finest new red rose in several years, with immense flowers of very lasting, dazzling scarlet, never fading or turning blue, but actually becoming deeper red as it opens. The flowers are borne on long stems, and are deliciously fragrant. The foliage is abundant. There are few of the older red roses which will rival E. G. Hill, for it is truly a magnificent red rose.

**Li Bures.** (P. Dot, 1928.) A lovely rose from Spain remarkable because of its kaleidoscopic colorings, which include a great variety of tints. The bud is maroon-red, and as the flower opens bright shades of pink, orange, and yellow become visible, and when the flower is fully opened, the outer petals are usually bright pink and the center salmon-orange. This brilliant and variable coloring, combined with its vigorous, bushy growth, abundance of blooms, will make it a joy in any garden.

**Mari Dot.** (P. Dot, 1927.) Another fine Spanish rose, with more petals than **Li Bures** and holding up better in hot weather. The color is a rich shade of salmon-orange, paling to salmon-pink at the edges. Large, glossy foliage and vigorous growth.

**President Herbert Hoover.** (Coddington, 1930.) The latest of the new multi-colored roses combining many shades of cerise-pink, flame, scarlet, and yellow, the long buds being beautifully formed, opening slowly, and possessing a delicious fragrance. It is certainly quite different from ordinary rose varieties and we have been much impressed with its brightly colored flowers.

**Sally Tite.** (Sandy Dickson, 1930.) A fine new rose of an entirely new shade in roses, brilliant crimson-cerise, a color which does not fade. The flowers are many-petaled and high-centered, and because of its remarkable color we can highly recommend it. Probably best near the coast.



**DAINTY BESS**

The Finest New Single Rose in Years  
See Description on Next Page



**JOANNA HILL**

A New Yellow with Perfectly Formed Buds

### Selected New Roses

These New Roses are \$1.50 each; \$12.50 per 10.

**Adele Crofton.** (A. Dickson, 1928.) A full, double, and lasting flower of salmon-orange, borne on strong stems. The coloring is not spectacular, but is most attractive and it is not so fleeting as many of the highly colored new kinds which have but a few petals. Bush is of medium size, vigorous, and upright. Moderately fragrant.

**Canary.** (A. Dickson, 1929.) A light golden-yellow bud tinted lemon, opening to a medium-full, moderately fragrant flower of the same shade. The growth is quite vigorous, and it blooms continuously. A fine rose of a shade in between the very light yellows and the very deep ones.

**Charles P. Kilham.** (Beckwith, 1926.) This variety has many of the finest characteristics of that favorite variety, Mme. Edouard Herriot, including an even more brilliant coloring of coral-red and orange, but unlike Herriot it has long, straight stems for cutting, larger foliage, and a slight fragrance. The bush is vigorous and widespreading.

**Clarice Goodacre.** (A. Dickson, 1916.) This rose was introduced some years ago, but has not been generally known in this country. We are listing it this year because we consider it to be one of the very finest white roses in existence. The buds are beautifully formed, long and pointed, ivory-white in color. The flowers are quite double, hold their shape well, and are delightfully fragrant and lasting.

**Dainty Bess.** (Archer, 1925.) The finest single rose introduced in years. The five-petaled flowers are borne in clusters of three and are delicate pink in color, with a brownish-red overcast, and a contrasting center of wine-red stamens. The flowers are very lasting when cut, and the bush is strong, very tall, and vigorous, blooming continuously.

**Doris Traylor.** (McGredy, 1924.) Long, slender, tight buds of a very delicate shade of orange-apricot, shading to yellow at the base, and with considerable red on the reverse of the petals. Moderately fragrant; with rich green, glossy foliage; few thorns; and a vigorous plant. The beautifully formed buds are its most attractive characteristic.

**Dr. Edward Deacon** (Morse, 1926.) Large, very double, flattened flowers of delicate salmon-pink, verging to deep orange at the base of the petals. Foliage is abundant, glossy green and mildew-resistant. Somewhat similar to Etoile de Feu, but with more salmon and less orange.

**Fontanelle.** (E. G. Hill Co., 1927.) This fine rose has the largest buds and flowers of any yellow variety that we grow, and at the same time they are beautifully shaped and quite full. The color is lemon-yellow, deepening to gold in the center; moderately fragrant flowers. The buds actually astonish the beholder with their gigantic size.

**J. C. Thornton.** (Bees, 1926.) Full, well-shaped, high-centered flowers of glowing crimson-scarlet, borne on long, strong stems, and quite sweetly scented. It is a strong grower with good healthy foliage and has so many excellent characteristics that we can highly recommend it to those who like good red roses.

**Joanna Hill.** (J. J. Hill Co., 1928.) A slender, daintily colored variety of orange-yellow, similar to that favorite old rose, Mrs. Aaron Ward. The flowers are moderately fragrant and excellent for cutting because they last a long time and are borne on long, upright stems.

**Kardinal Piffl.** (Leenders Bros., 1925.) A very profuse blooming rose, with large, very double flowers of orange-pink, well shaped, and with a fruity fragrance. The bush is low and spreading. A fine rose if you can overlook the name.

**Lady Forteviot.** (B. R. Cant, 1928.) A rose which is evidently related to that favorite variety, Angele Pernet, because it has the same healthy, glossy foliage and the same shaped buds and flowers. However, it is a much stronger grower than Angele Pernet, and the color is soft apricot-yellow, the bushes being covered with the blooms at all times.

**Lady Mary Elizabeth.** (A. Dickson, 1927.) We have been admirers of this rose since we first glimpsed its brilliant cerise-pink blooms. The buds are large and long-pointed, while the flowers are very double and high-centered and extremely fragrant. Plants are very tall and upright. The long stems make it a beautiful rose for cutting.

**Lord Castlereagh.** (A. Dickson, 1927.) Has only a few petals and opens quickly, but the flowers last a long time and have a remarkably dark color of blackish-crimson. One of the darkest shades in roses. Extremely fragrant, possessing a peculiar intense peppermint-like aroma.



**MRS. BEATTY**

**Mrs. Beatty** (B. R. Cant, 1926.) We consider this fine rose to be the best light yellow variety we grow. The soft even shade of creamy yellow is very pleasing, and the buds are always well shaped, and are borne in great profusion, the bush seldom being without blooms. The bush is low, but spreading and vigorous. The foliage is mildew-proof. Not the least of its valuable characteristics is the delightful fragrance.

**Miss Bowena Thom.** (Howard & Smith, 1927.) A cross between those two popular roses, Radiance and Los Angeles, with enormous, very double flowers of rose-pink. While the color and shape are not out of the ordinary, it is a good garden rose because of its very vigorous habit of growth, the great quantities of flowers that it bears, and the size of the blooms.

**Mrs. G. A. Van Rossem.** (Van Rossem, 1926.) This is one of the most outstanding color novelties in this entire group of new roses. The general color effect is intense orange overlaid on a dark golden-yellow ground, the brilliant coloring being intensified by the rich bronze veins which stand out over the petals. The bush is of medium growth; stems stiff and heavy.

**Nona.** We have admired this rose so much all through the several summers that we have observed it and cut so many of its wonderful long buds that we cannot help but be enthusiastic over it. It has the same appeal possessed by that dainty little rose, Lulu, but the buds are even longer than those of that variety, and the bush is loaded with them at all times from early in the spring until late in the fall. The blooms are semi-double, of rich vermilion and flame-pink. The bush is very large and the stems are very long and upright. \$1.00 each.

**Paloma Falco.** (P. Dot, 1928.) A beautifully formed little rose made up of a very large number of small petals, varying in color with the weather, but usually light coppery-pink, often with apricot or golden shadings. Senor Dot has sent us several very fine roses from Spain and this is one of the best.

**Princess Marie Jose.** A new European rose of bright orange-vermilion, with shadings of yellow and red; large, full and high-centered, with a fruity perfume. The brightly colored flowers with their long stems will make a brilliant show in any garden.

**Talisman.** (Montgomery, 1929.) This vividly colored rose is receiving much publicity and it actually does merit all of the fine things that are claimed for it. The coloring is truly marvelous, being a mixture of orange and yellow in irregular proportions, varying so much that no two flowers are alike. Fairly double, borne on long stems; exceedingly sweet-scented. When you have once seen a perfect bud of Talisman, you cannot rest until you have it in your garden.



**CECIL**

Clear Buttercup Yellow, Over Four Inches Across

## General Collection of Armstrong Select Roses

From the many hundreds of rose varieties, we are growing the following representative list in which we believe are included practically all of the best and most worthwhile roses, including the old favorites and the newer kinds:

When ten or more assorted roses are ordered, those priced at \$1.50 will be sold at \$1.25, those priced at \$1.00 will be 90c, those priced at 75c will be 65c, and those priced at 50c will be 45c.

**Angele Pernet.** A most remarkable color, rich brownish-orange, entirely different from anything yet produced in similar shades. The flowers are beautifully formed, quite double, hold their color well, and possess some fragrance. The bush is of moderate growth, the stems are stiff and unbending while the clean, shiny, glistening foliage is especially attractive. Its marvelous color alone makes it an outstanding rose. \$1.00 each.

**Aspirant Marcel Rouyer.** A delicately beautiful rose with long pointed buds of bronzy apricot tinted light salmon. A very tall, strong and erect bush with the flowers on long stems. It blooms steadily and we enthusiastically recommend it. 75c each.

**Barbara Robinson.** Daintily formed, sweetly scented little flowers, exactly the color of rich cream. The buds are beautiful in shape, the outer edge of the bud often being fluted and waved. Blooms are produced in the greatest profusion and the rose possesses an indescribable charm. 75c each.

**Betty Uprichard.** A most charming semi-double rose with copper-red buds, opening to lovely bi-colored flowers, soft salmon pink on the inner surface of the petals and glowing orange-carmine outside. The plant is tall and erect, and the flowers are borne on long stems. The blooms open quickly in warm weather, but its superb coloring has made it popular. 75c each.

**Cecil.** A wonderfully decorative, new, single rose with good-sized five petalled flowers of a glorious buttercup yellow. There is no other variety anything like it. It blooms continuously on a large, densely-branched bush with glossy green, mildew-proof foliage. \$1.00 each.

**Cuba.** This dazzling new rose somewhat resembles Padre, but its brilliant long orange-scarlet buds are deeper in color with heavier stems. A semi-single rose, tall in growth, producing a continuous succession of richly colored blooms. \$1.00 each.



**CUBA**

Long Buds of Dazzling Orange Scarlet  
Has Rich Color, Long Stems, and a Tall Bush



**ETOILE DE HOLLANDE**  
Fragrant Flowers of Brilliant Red

**Constance.** The bush forms a rich nest of bright green, glossy foliage profusely covered all through the growing season with its beautiful orange-yellow buds lavishly streaked with crimson, opening to full, flowers of various shades of yellow. 75c each.

**Crimson Queen.** One of the finest red roses for the hot summer climates of California and Arizona because it likes the heat. Long, well-shaped buds of crimson opening fairly quickly, but fine when cut in the bud. 50c each.

**Dame Edith Helen,** \$1.00 each. See opposite page.

**Duchess of York.** The buds are a charming shade of rich orange, opening to flowers of soft apricot-pink. The flowers are large and full, and are freely produced on long, stout stems. We can highly recommend it. \$1.00 each.

**Duchess of Athol,** \$1.00 each. See opposite page.

**Edith Nellie Perkins.** A beautiful two-toned rose with the outside of the petals shaded light cerise and the inside delicate salmon-pink. The flower is gracefully formed, fairly full and sweetly scented. The bush is vigorous, of medium height, with dense, attractive foliage. \$1.00 each.

**Edward Mawley.** A big, bold, handsome rose of very dark crimson with enormous petals. Its great buds open out to great cup-shaped flowers, with all their size not a bit coarse. 50c each.

**Elvira Aramayo.** An unusual and brilliantly colored rose with slender scarlet buds and semi-double flowers of reddish-copper, borne on a vigorous upright plant. The blooms are like no other rose and indeed they resemble a cactus dahlia or a huge carnation more than they do a rose. \$1.00 each.

**Etoile de Feu.** Has large cupped flowers of flaming orange, quite solid and full. Resembles Louise Catherine Breslau in form and has the same beautiful glistening foliage of that variety, but is much more fiery in color. Plant low and spreading. 75c.

**Etoile de France.** A sparkling red rose which has long been a favorite in its color because of its continued bloom, beautiful color and rich fragrance. It is particularly good in hot dry weather, and we recommend it for the interior sections. 50c each.

**Etoile de Hollande.** Brilliant red blooms of magnificent size, perfect in bud, half-open or fully developed flower. The flowers always open cleanly and do not fade. Quite fragrant. A strong free branching plant. A splendid rose with no apparent faults. The demand has steadily grown for it. \$1.00 each.

**Florence Pemberton.** For cut flowers, this is one of the most satisfactory roses among the lighter shades, on account of the thriftiness of the bush and the long, upright flower stems; color, creamy white suffused with pink; large bud, perfect in form, with high-pointed center. 50c each.

**Feu Joseph Looymans,** \$1.00 each. See next page.

**Frank Reader.** Long buds and beautifully pointed blooms of pale yellow, showing a center of rich apricot when fully open and paling as it ages until it is nearly white. Sweetly scented. 75c each.

**General McArthur.** Bright red, with flat open blooms, very sweetly scented. Blooms well on a strong bush, particularly fine in early spring and autumn. For a long time the best red rose. 50c each.

**Golden Emblem.** See page 35. 75c each.

**Golden Ophelia.** A flower of medium size, deep golden yellow; of perfect symmetrical form, and the plant is a sturdy stiff-stemmed grower. 75c each.

**Gruss an Tepitz.** An old favorite red rose, always covered with its bright cherry crimson flowers, which often cover the plant, and are intensely fragrant with the rich perfume that so many new roses lack. A large bush, very hardy. 50c each.

**Gwyneth Jones.** Here is a gorgeous thing, so dazzling and striking in color that it makes you catch your breath the first time you see it. Only a few petals and opens quickly, but has a good bush and its red-hot carmine-orange hue will make you like it. \$1.00 each.

**Hadley.** A brilliant rich crimson rose, which with its vigorous growth, long stems, mildew-proof foliage, full blooms and rich fragrance is close to the top in red roses. 50c each.

**Harry Kirke, T.** Color deep sulphur-yellow, passing to a lighter shade at the edges of the petals. The buds are long and gracefully formed. Plant is free branching, blooming continuously. 50c each.

**Hawmark Crimson.** One of the finest dark red decorative roses. The color is deep intense crimson, with maroon markings, becoming lighter as the large, almost single flowers open. The blooms last a long time and the sturdy bush is a continuous mass of crimson. 75c each.

**Hollywood Beauty.** This is a sport of Rose Marie and has all of the characteristics of that fine variety, except color, which in this case is dark rosy-red. \$1.00 each.

**Hoosier Beauty.** An intense rich dazzling scarlet with darker shadings, and acknowledged to be one of the best and most highly colored red roses. The beautifully formed flowers have a texture like velvet and possess a delicious fragrance. The plants are never without flowers in the blooming season and the blooms never fade or turn blue. 75c each.

**Hortulanus Budde.** A splendid bedding rose because of its low, bushy growth and freedom of bloom. The semi-double fragrant flowers are very bright scarlet and it makes a continuous display of bright color. 75c each.

**Imperial Potentate.** Dark shining rose-pink in color, very double, with firm heavy petals. Not only is it one of the finest pink roses in color, form and texture, but it possesses a most delicious fragrance, which we believe is unexcelled in any other pink rose. 75c each.

**Irish Charm,** \$1.00 each. See page 36.

**Irish Courage.** High-centered, very double, and lasting flowers, of soft shrimp-pink, merging to salmon when fully open. The flowers are always perfect and every bloom is worthy of cutting. Moderately fragrant. \$1.00 each.

**Irish Fire Flame.** A beautiful single-flowering variety. The buds are wonderfully rich in coloring; a rich deep orange, splashed with crimson, opening to a large single flower of satiny old gold. 75c each.

**Irish Morn.** A splendid rose of the brightest, cheeriest pink imaginable. Quite double and quite fragrant. The lovely clear color of its beautifully formed flowers have made it a favorite of ours. The bush is rather low. \$1.00 each.

**Irish Sweetness.** One of the most sweetly scented of all roses. The scarlet-crimson flowers are freely borne on vigorous stiff stems, and its delicious fragrance alone makes it worth growing. \$1.00 each.

**Isobel.** The largest of all the single Roses. The long bud is orange-carmine and in dull weather the open flower is the same rich shade, fading to a clear coral-pink in the sun. Bush grows tall and willow and flowers have very long stems. 75c each.

**Ivy May.** Rose lovers who like perfect symmetrical blooms will like this sweet-scented, beautifully formed flower. The color is a bright sparkling pink, shading to amber at the base. \$1.00 each.



**DAME EDITH HELEN**

Immense Size, Delightful Fragrance, Clear Color

**Dame Edith Helen.** Though there are many fine pink roses, this one stands head and shoulders above the rest. Big full double flowers of glowing pink, very freely produced on a vigorous upright, long-stemmed bush. Its immense size, fully double blooms and delightful fragrance, combined with its unusual lasting qualities when cut, make it a rose for every garden. \$1.00 each.

**I. Zingari** (J. H. Pemberton, 1925). A striking, semi-double flower of orange-scarlet produced in clusters. The color stands out like a bit of flame, and the flowers are produced all through the growing season. \$1.00 each.

**Jonkheer J. L. Mock.** One of the best bedding and cutting varieties. The flowers produced with the greatest freedom on long stiff stems and of large size and perfect form; a deep imperial pink in color, the outside of the petals being silvery rose. 50c.

**John C. M. Mensing.** A pink sport of that popular rose, Ophelia; very large, double and exceedingly fragrant, the color being a lovely shade of deep rose-pink. Like its parents, the flowers are perfectly formed and excellent for cutting. 75c each.



**DUCHESS OF ATHOL**

No Picture Can Show its Rich Copper-Bronze

**Duchess of Athol.** For novelty and intensity of coloring, this new rose is outstanding in our entire list. The full, double flowers on their heavy stems possess an extremely rich shade of copper-bronze flushed with orange and old rose. The color is similar to that of Angele Pernet, but greatly intensified. The plant is exceedingly vigorous with bronzy-green foliage, and is especially commendable for its stiff, erect stems. We fail to see how any rose garden could be complete without it. \$1.00 each.

**John Russell.** A tall upright plant with exceedingly long canes at the ends of which are carried what are probably the largest red roses grown—enormous blooms—dark velvety crimson in color, overlaid with maroon. Rather shapeless in the bud, but the open flowers are phenomenal. 75c each.

**Julien Potin.** It has the same brilliant, clear yellow color of the Claudius Pernet rose, but the buds and flowers are larger and always open out into perfectly formed blooms. Possesses a delightfully sweet perfume and glossy, bronzy-green foliage. Undoubtedly one of the finest yellow roses. \$1.00 each.

**K. A. Victoria.** Pure ivory white; producing quantities of beautiful buds and full flowers. Probably the best white rose for California because it blooms so freely and continuously. 50c each.

**K. of K.** (Kitchener of Khartoum). An intensely brilliant scarlet rose with a velvety sheen. The flowers are semi-double with recurved petals, intensely fragrant and are wonderful for cut flowers, the dazzling color being intensified under artificial light. 75c each.



**FEU JOSEPH LOOYMANS**

Long, Slender, Apricot-Yellow Buds for Cutting

**Feu Joseph Looymans.** A fine Dutch rose that always draws enthusiastic praise from those who see it. Great long, slender buds of buff yellow shaded vivid apricot in the center, opening to large, fairly full flowers. Growth strong and upright. The bushes in our fields are never without blooms during the growing season. \$1.00 each.



**LADY MARGARET STEWART**

Reds and Yellows Run Riot in This Flower

**Lady Margaret Stewart.** Unquestionably one of the finest of the newer roses, with buds of deep sunflower yellow, heavily veined and splashed with orange-scarlet, sometimes entirely of the latter color, and opening to a firm full flower, the general color effect of which is cadmium orange. The flowers are quite fragrant and the leathery sage green foliage which covers the long rigid stems seems to be entirely disease-proof. \$1.00 each.

**Lady Ashtown.** Moderately large flowers of brilliant shining pink, with a high-pointed center, borne on long stems. A sturdy bush, doing well under all conditions and blooming particularly well in the late summer and fall. 50c each.

**Lady Battersea.** A charming rose, with long, graceful buds of unusual coloring; rich cherry-red shading to rose-pink, very full and pointed and blooming continuously. Every bud is perfect. 75c.

**Lady Dixon-Hartland.** Delightfully shaped and colored flowers of rich salmon-pink profused with orange-yellow; exceedingly fragrant. In autumn it produces some of the finest buds imaginable. 75c.

**Lady Hillingdon. T.** Beautiful long buds opening into cup-shaped flowers of golden yellow with no other shades. One of the best known and most dependable yellows, 50c each.

**Lady Florence Stronge.** A splendid rose of deep pink, shading to violet old rose. The growth is free and bushy and the flowers are borne on long stiff stems. Of ideal form and substance for cut flowers. \$1.00 each.

**Lady Inchiquin.** A decidedly unique and original color. Large, full, perfectly formed buds and flowers of glowing orange-cerise, so novel and striking a color that it immediately attracts the eye. \$1.00.

**Los Angeles.** This is the ideal American garden rose, one of the finest varieties ever introduced. A California product, and in color emblematical of the Golden West, it has gained international recognition as the peak of excellence in the rose, and its universal popularity has been enhanced by its remarkable adaptation to all climates, from the temperate conditions of California to the more severe climate of other regions. The color is a glorious rich flame-pink, shaded golden yellow. 75c each.

**Louise Catherine Breslau.** A novel and distinct shade among roses; buds coral red in color opening to cup-shaped flowers of salmon orange, shading to various degrees of pink, orange and copper. The bush is low, compact and many branched. 75c each.

**Lulu,** 75c each. See description on opposite page.

**Mabel Morse.** Clear, brilliant, unfading yellow, without a trace of any other color, either in bud or flower. A serious contender for first place among pure yellow roses. Of low spreading, bushy growth, flowering continuously with foliage remarkable for its beauty and resistance to disease. 75c each.

**Maman Cochet. T.** A popular old Tea rose, carmine-pink with a white center, large and extremely double, borne on a very large bush producing hundreds of flowers in a season. 50c each.

**Margaret McGredy.** A brilliantly colored masterpiece, of glorious orange scarlet or brick red. Rather a short stout bud opening to a large, full, magnificent flower. No lanky leafless stems here, but a beautiful, heavily foliaged, well-branched bush, forming a contrast for the dazzling flowers. \$1.00.

**Marion Cran.** An exceedingly bright combination of colors, the buds being deep buttercup yellow, margined and flushed with cerise and rose-scarlet, the open flower being largely geranium-scarlet, with orange and yellow shadings. The plant is rather low and spreading. The lovely blend of colors captures everybody's fancy. \$1.00 each.

**May Wettern.** A magnificently formed bud of immense size, light salmon-pink on the inner side of the petals and deep rose on the outside. The plant is exceedingly vigorous and healthy, throwing up many long, strong shoots, producing great quantities of long-stemmed flowers, quite sweet-scented. \$1.00.



**LORD CHARLEMONT**

Big Velvety Red Blooms on Long Stems

**Lord Charlemont.** Fragrant, beautifully formed, high-centered, crimson flowers on stout rigid stems. The plant is free in growth and bloom, and the flower is so magnificent and the color so superb that we consider it to be easily one of the best three or four red roses. \$1.00 each.



**LULU**

**Exquisite, Slender Buds of Coral Apricot**

**Lulu.** We have always pushed this fine little rose because of the great quantities of dainty, extremely long and slender buds of coral-apricot, with which the bush is covered at all times. Petals of the buds flare out gracefully at the end, and we do not believe there is a rose more exquisitely formed in the bud stage than Lulu, although it opens to a rather single flower. An astonishingly large percentage of rose lovers will put Lulu at the very top of their list of roses. 75c each.

**Mary Pickford.** A rose of the same type as Souvenir de Claudius Pernet, but much deeper in color, being a rich golden-orange, shading to yellow at the outer edge. The daintily shaped buds are borne on a tall, vigorous plant. 75c each.

**Miss C. E. Van Rossem.** Velvety, dark red, perfectly formed buds and flowers, with wavy petals; not very large, but very freely produced. The medium-sized, bushy plant produces an amazing quantity of beautiful buds, and it is a red rose which goes up in our estimation each year. 75c.

**Miss Cynthia Forde.** Deep brilliant rose-pink in color, the blooms being large, full and sweetly perfumed. The plant is one of the strongest growers among roses, and is never without blooms. 50c each.

**Mme. Alexandre Dreu.** A flower of unique color and great beauty. The smallest buds are intensely yellow, deep orange in the center, opening to very double flowers with reflexed petals. 75c each.

**Mme. Butterfly.** This splendid sport of Ophelia resembles its popular parent in general characteristics, but has much deeper shadings of apricot and gold on a background of brilliant pink. The delicately modeled flowers are exquisite in both color and form and since it also possesses fragrance and lovely foliage, it cannot be displaced as a favorite rose in most gardens. 75c each.

**Mme. Caroline Testout.** Color clear bright satiny pink; very fragrant; flowers large and showy. 50c.

**Mme. Edouard Herriott.** This vivid rose always catches and holds the eye first, no matter what other roses are present. Its red hot copper shade in the bud and the softer coral tint of the open flower are probably the most sensational colorings produced in any rose. Won a \$5,000 prize offered by the "Daily Mail" of London, and has been famous ever since. The stems are sometimes weak and the bush is thorny, but it is indispensable in every garden. 75c.

**Mme. Hector Lienillot.** An almost forgotten rose which we are growing again for its unsurpassed fragrance, for, in our opinion, it excels that of any other rose. It has quite double, beautifully formed flowers in deep shades of yellow and salmon. Almost a semi-climber with five-foot canes. \$1.00.

**Mrs. Aaron Ward.** A most delightful rose with its frilled petals and exquisite color, soft tawny golden yellow in cool weather and salmon yellow in sunny weather. Flowers are small but perfectly formed, and the plant is low and bushy. 75c each.

**Mrs. A. B. Barraclough.** Lovers of good roses will have to make a place for this one. Large conical buds and enormous pure pink flowers shading to yellow at the base of the petals. Unusually fragrant, blooming very freely and the plant is tall and strong. Everyone is enthusiastic over it. \$1.00 each.

**Mrs. Chas. Bell.** A rose of the same type as Radiance, but an even stronger grower, and the flowers are a soft shade of shell pink with salmon background. A constant bloomer unaffected by the weather. 50c each.

**Mrs. Charles Russell.** Rosy-carmine flowers of large size and excellent form, extremely double and quite fragrant. Not a free bloomer, but every flower is good and they keep for days. 50c each.

**Mrs. Erskine P. Thom.** A long, pointed bud with well shaped open flowers of deep yellow, with other shadings. A very strong growing, vigorous bush which is a mass of golden yellow throughout the season. \$1.00 each.

**Mrs. George Shawyer.** One of the best pink roses for cutting; color a bright peach-pink; buds long and well formed; very long stems. 50c each.

**Mrs. H. B. Darlington.** Enormous flowers of pure white or pale cream of faultless form, with some fragrance. With the possible exception of Modesty, it has the largest flowers of any Hybrid Tea in our list, some blooms being positively gigantic. 75c.

**Mrs. Redford.** The rich, bright apricot-orange color which this new rose possesses will make many friends for it, and we can heartily recommend it. The buds are ovoid, with somewhat reflexed petals. Of strong growth, a free bloomer, with mildew-proof foliage. 75c each.



**GOLDEN EMBLEM**

**California's Favorite Yellow Rose**

**Golden Emblem.** Throughout the entire season this magnificent rose draws more attention than any other in our rose fields. The lovely long buds of golden yellow are beautifully tinted with crimson on the outer petals, the colorings changing with weather conditions, but offering a delightful contrast at all times. Opens to a full golden yellow flower. The glossy green foliage is particularly fine, does not mildew, and the buds are borne on long stiff stems above the strong growing, vigorous bushes. The blooms are produced freely and continuously. 75c each.



### IRISH CHARM

**Delicate Pink Shades and Perfect Symmetry**

**Irish Charm.** A gem of exquisite form in the bud and open flower, deep blush pink, with a deeper apricot tint in the unopened bud. It undoubtedly produces more perfect buds for cutting than any other rose in our fields. \$1.00 each.

**Mrs. Henry Bowles.** A very large, firm ovoid bud of warm glowing pink, opening to big full flowers. The bush is large, free-branching and thorny, and at times it is literally covered with flowers. Because of its good clear color, good substance and freedom of bloom, we place it among the best pink roses. It opens slowly and there is nothing fleeting about it. 75c each.

**Mrs. Lovell Swisher.** In the several seasons that we have observed this rose, it has jumped ahead of nearly all light pink varieties, in our estimation and if we were to select the three or four best pink roses, we would have to include it. Its long, exquisitely formed buds, very double, are deep copper-salmon, passing to delicate salmon and flesh at the edges. A rampant, tall grower, bearing an endless succession of perfect flowers. 75c each.

**Mrs. Talbot O'Farrell.** Dainty little buds of unusual coloring, a lemon-yellow ground, flushed heavily with deep crimson over most of the flowers. Bush tall and upright. A most highly colored little button-hole rose. \$1.00 each.

**Mrs. W. C. Egan.** This variety has consistently been among the best light colored pink roses in our fields. A strong, vigorous grower, bearing continuously on long stems its exquisitely shaped buds. The color is a beautiful soft shade of light pink, and the buds last for an unusually long time after cutting, opening to perfect flowers. 75c each.

**Mrs. W. E. Nickerson.** An extremely vigorous free-flowering two-toned rose, salmon and orange on opposite sides of the petals. Lovely long buds, immense flowers and the long wiry stems make it very much worth while. Astonishingly lovely flowers produced in amazing quantities. \$1.00 each.

**Modesty.** This rose was introduced several years ago and should be much more widely planted. It has the longest, largest and most perfectly formed buds of any rose we grow, the color being pearly cream, flushed rose. The plant is of medium size, very free flowering. 75c each.

**Norman Lambert.** A startling novelty in color combinations. If bright yellow roses were dipped in a bucket of orange-scarlet paint, the resulting flowers might approach Norman Lambert. \$1.00.

**Oliver Mee.** A rose that we like better each year that we observe it. A most delicate shade of coral pink, opening to a lovely shell pink flower. The bush is spreading with fresh, light green foliage, and the long buds are always greatly admired. \$1.00.

**Ophelia.** In cool weather this rose which has long been considered to have the ideally formed rose bud, is salmon flesh with tints of darker pink and gold. In hot weather it is creamy-white. Not a free bloomer, but exquisite when the blooms do come and worth growing for its delicious fragrance. 75c each.

**Padre.** An extremely effective rose of rich copper-scarlet, more intense in color than Mme. Edouard Herriott. The flowers are semi-double, borne on long straight stems on a very tall bush. While tending to hang its head when cut, the remarkable color and freedom of bloom make Padre an exceptionally fine rose. 75c each.

**Pink Pearl.** An intense fragrance is one of the outstanding characteristics of this Dutch rose. The flowers are large and high centered, quite double; bright rose-pink, with yellow shadings at the base. Its freedom of bloom, intense fragrance and vigor of growth lead us to recommend it. 75c each.

**President Cherioux.** Enormous double orange pink blossoms, sometimes with a reddish shading. Slightly fragrant. The bush has a splendid habit, the stems are stiff and straight. 75c each.

**Queen Alexandra.** An astonishing and dazzling flower of intense vermilion red, shaded old gold. The plant is medium size, much branched, with beautiful deep glossy green foliage, and is a true perpetual bloomer. The flowers are rather rough, but are large and full and the color combination is startling indeed. For a mass of color there is nothing to equal it. 75c each.

**Radiance.** This rose will probably produce more first-class blooms to the plant than any other variety, and is exceedingly vigorous, hardy, and disease resistant, under all conditions. A lovely light silvery pink with suffusion of a deeper color. 50c.

**Red Radiance.** Similar in growth to Pink Radiance, but has big, bold cerise-red flowers which are borne on long heavy stems. 50c each.



### PATIENCE

**The Bush is Always Full of Beautiful Buds**

**Patience.** We must insist that rose lovers who want the very best in the new varieties try this kind out for it is truly magnificent. The color is difficult to describe but in general, is scarlet-carmine, varying at times to orange-scarlet and carmine. Long slender buds of which the bush is full at all times, expand into a splendidly formed flower which holds its color well. Provides an amazing quantity of wonderful buds for cutting. \$1.00 each.

When ten or more assorted Roses are ordered, those priced at \$1.50 will be sold at \$1.25, those priced at \$1.00 will be 90c, those priced at 75c will be 65c, and those priced at 50c will be 45c.

**Ragged Robin.** (Gloire des Rosomanes.) A very constant, free blooming rose with semi-double rosy crimson flowers. Of no value except for hedges, where it makes a showy row of color during most of the year. \$3.50 per 10; \$25.00 per 100.

**Rapture.** For several years this has been one of the most popular florists' roses, and we have found that it does very well in the garden. A sport of Mme. Butterfly, deeper in color, being a delicate shade of soft pink. Extremely fragrant. \$1.00 each.

**Reims.** An exquisitely beautiful flower that opens out flat with imbricated petals, never showing the center. In the center it is soft nankeen yellow, shading to apricot and flesh at the outer edge, and it looks like a yellow Japanese Camelia. \$1.00 each.

**Rev. F. Page Roberts.** An excellent addition to the yellow roses, quite different from any other variety. The inner face of the petals is a soft buff yellow, and the reverse a rich salmon, while the buds are often stained with copper red. The flowers are large, very double, with a delicious fruity fragrance. Plant is low and spreading, with mildew-proof foliage. \$1.00 each.

**Rose Marie.** This is a variety which comes close to being the ideal pink garden rose, and undisputedly one of the finest roses for bedding and cutting. A perfectly formed flower, dark rose-pink, with beautifully veined petals, and a rich sweet perfume. An exceedingly free bloomer with long stems and foliage which does not mildew. A cross between Hoosier Beauty and Sunburst and has all the satisfying qualities of both. 75c each.

**Sensation. HT.** Great large buds of scarlet crimson, shaded at times with maroon and with a rich sheen, opening out beautifully to very double flowers and lasting well when cut. The bush is most vigorous and free branching. 50c each.

**Shot Silk.** The general color effect in this new variety is a delicate salmon rose, but the flowers are often flushed with orange and cerise, while the base of the petal is yellow. The bush is low and branching with beautiful clear, cedar green foliage. The blooms open and fade quickly, but are quite fragrant and the coloring is unique. 75c each.

**Souv. de Claudius Pernet.** Since its introduction from Europe, this has become possibly the most famous of yellow roses and its popularity has not dimmed. A vigorous, erect grower with extremely beautiful bright green foliage and few thorns, producing many exquisite buds on long stiff stems. The flowers are large and full, of a clear sunflower yellow with no other tints. 75c each.

**Souvenir de Georges Pernet.** This is a rose of astonishing size and astonishing beauty. The large globular buds open to enormous flowers of a glorious deep orange-pink, quite fragrant and lasting. The bush is a spreading, branching grower with many thorns, resistant to mildew, and the flowers are produced in great abundance. This and the preceding variety were named by the famous French hybridizer, Pernet-Ducher, after his two sons who died in the World War. 75c each.

**Souvenir de F. Bohe.** Large, beautifully frilled, globular buds and flowers, pale pink with orange-salmon shadings at the edges of the petals. A little known variety which has very fine qualities. Moderately fragrant and a vigorous grower. \$1.00 each.

**Souvenir de Mme. Boulet.** A full deep yellow rose, almost orange in the center of the buds. It combines the best qualities of both Sunburst and Lady Hillingdon and we are not sure but that it is better than either. \$1.00 each.

**Sunburst.** A favorite yellow rose for many years and still hard to beat, its name typifying its glorious coloring. The buds are large and well formed, produced on long stems, with an intense shade of golden orange lightening to yellow. 75c each.

**Sunstar.** An attractive novelty of variable coloring, usually lemon yellow, every petal edged, veined and splashed with rose and vermilion. The flowers are not very full and they open and fade quickly, but in cool weather they are magnificent. 75c each.

**Sybil.** No rose has more perfectly shaped buds and open flowers than this lovely silvery-pink variety of immense size. Very double, lasting, and excellent for cutting. \$1.00 each.



**RADIANCE**  
Silvery Light Pink

**Theresa Morley.** Very large buds and flowers, very double and lasting, of brilliant carmine-cerise. The color is a little peculiar, but because of its vigorous growth and profusion of blooms, it is admired by many. \$1.00 each.

**Una Wallace.** A spectacular variety, but one which will produce as many beautiful flowers to the plant as any other rose grown. It is an exceptionally strong grower and free bloomer, with a very sweet perfume, and the color is a beautiful soft cherry-rose, without other shadings. 75c each.

**Vesuvius.** The best dark colored single rose. Bright scarlet crimson with a golden center. Has five firm outstanding petals, is sweetly fragrant, and the flowers last for several days when cut. A tall free-blooming bush. 75c each.

**Ville de Paris.** A clear sunflower yellow rose which does not fade even in the hottest sun. The plant is a vigorous erect grower with handsome glossy reddish green foliage; disease proof, almost thornless and the stems are long. 75c each.

**W. A. Bilney.** For those who like charm and daintiness in coloring, we highly recommend this beautiful Rose with its very large loose petaled flowers of pale pink, flushed deeper pink at the edges. Its sweet fragrance and delicate coloring remind us of apple blossoms in spring. \$1.00 each.

**White Ensign.** One of the loveliest white roses that we know. The flowers are small, but there are plenty of them, and they are exquisitely and daintily formed in bud and flower. Tea perfumed. \$1.00.

**White Maman Cochet. T.** Similar to Maman Cochet, but white, flushed with pink on the outer petals. Very large, full and fragrant. 50c each.

**Wilhelm Kordes.** This German variety of bizarre and marvelously beautiful coloring is, in our opinion, one of the most interesting roses in our collection because of its extremely variable coloring. The color in general is red or pink on a yellow ground, but it varies from pink to red and yellow so greatly that it piques your curiosity into wondering what the combination will be in the next flower that unfolds. It is always attractive, with real substance and beauty of form. \$1.00 each.

**Wm. F. Dreer.** This beautiful rose possesses pure pastel shades, displaying beautiful color combinations of shell pink, orange and golden yellow, as the long-pointed buds open into full, well-shaped blooms. The same parentage as Los Angeles, closely resembling that variety in everything except color. 75c.

## Out of the Ordinary Roses

Price \$1.00 each, \$9.00 per 10.

Here are a few roses which do not belong to any of the common groups of roses, but which have a charm that always attracts attention and admiration. Some of them are old roses with a long and interesting history and they all have much more individuality about them than the roses more commonly found in gardens. They should be planted in a place where they have plenty of room and can remain permanently because their beauty increases as the bushes become older and larger. The type and date of introduction are given below.

**Cascadia.** (Hybrid everblooming semi-climber, 1925.) Small, single, creamy-white flowers, borne in large heads eight or twelve inches in length at the ends of the branches. It is a fine rose for training over a low wall, against a pillar or to fill a corner, growing to six feet or more, with excellent foliage, its clustered heads blooming continuously throughout the summer.

**Crested Moss.** (1827.) The old Moss Roses bear a crown of lacy moss upon the stems and sepals. They are exquisitely lovely in the bud and will grow anywhere, but should be given good soil and careful attention to bring out their best qualities. This variety has large, full flowers of bright rose-pink, the buds being crested with a heavy mossy fringe, often extending for some distance down the stem. Somewhat fragrant.

**Henri Martin.** (Moss Rose, 1863.) Sparsely mossed buds, and fairly large, shining crimson, semi-double flowers, followed by a great profusion of red hips in the fall.

**Princess Adelaide.** (Moss Rose, 1845.) Sweetly fragrant, very double flowers of pale rose-pink, borne on strong stems; not very mossy, but very fine flowers, vigorous growth, and splendid dark green foliage.

**Harrison's Yellow.** (Austrian Briar, 1830.) A fine old shrub rose, the big bush being buried in the springtime with a cloud of semi-double, bright yellow flowers, the foliage being a thick mass of green during the rest of the growing season. The flowers and even the foliage are sweetly fragrant. Grows to 6 feet.

**Mermaid.** (Hybrid Bracteata, 1928.) Exquisitely beautiful single flowers of great size, pure ivory white with a lemon center. It blooms steadily throughout the season at the tips of the new growth and while it may climb, it does best as an unpruned rambling shrub. The beauty of its flowers will fascinate you.

## Hybrid Perpetual Varieties

Price 50c each, \$4.00 per 10

Ten assorted Roses of any class sold at the ten rate.

This class of roses is very hardy with tall, vigorous bushes and large clean foliage. The blooms are larger, fuller and sweeter than any other roses. As a rule they bloom only in the spring, but during this season of the year they offer a greater show than any other class and the bushes are covered with the giant, fragrant flowers.

The Hybrid Perpetuals should be planted in the background of the rose bed, and their double blooms will show up over the heads of other roses. Their surpassing fragrance is a valuable characteristic, although the best known variety of the group, the wonderful Frau Karl Druschki, has none.

Most of these varieties do particularly well in Arizona and Imperial Valley, coming into bloom during the winter there.

**American Beauty.** Very large blooms of rosy-carmine veined with crimson. Does particularly well in the Imperial Valley and Arizona, but of no value on the coast.

**Frau Karl Druschki.** The only absolutely pure white rose, with immense long buds and very double flowers, wax-like in texture. Hardy everywhere, with the typical long upright growth and heavy foliage of its class. Blooms continuously.

**General Jacqueminot.** A favorite old scarlet-crimson rose, deeply fragrant, whose lovely color and sweet scent has been well known for many years.

**Mme. Albert Barbier.** The only yellow Hybrid Perpetual. Truly remarkable for its color and ever-blooming qualities, for it produces a profusion of blooms all through the growing season. Golden-salmon in color, with shading of flesh-pink and nankeen-yellow. The bush is not large, but the stems are very thick and heavy. Its delicate coloring and perfect shape make it a rose that is a delight in the garden.

**Mrs. John Laing.** Immense blooms of soft, clear pink, very fragrant on stiff, stocky stems. Produces a longer succession of blooms than most of its class and the bush is not quite so tall and rampant.

**Paul Neyron.** The largest rose in cultivation; a handsome upright grower, producing immense flowers at the end of every long stiff stem; color, a deep rose pink. Great size and sweet fragrance are its strong points.

**Ulrich Brunner.** One of the grandest hardy roses, buried in spring under big blooms of cherry-crimson. The flowers open well everywhere, are intensely fragrant and come on long stems.

## Polyantha Roses

75c each, \$6.50 per 10

These are sometimes called "Baby Roses," due to the small size of their individual blooms. Usually the plants are dwarf and bushy, with the flowers borne in great clusters, but some kinds grow tall. They are truly ever-blooming, being scarcely ever without flowers in the growing season.

The Baby Roses make a wonderful low border or hedge and when in full bloom are a beautiful sight.

**Cecile Brunner.** The miniature flowers of this variety, rosy pink shaded with salmon, usually borne in large open clusters, fill a niche which no other rose can occupy. 4 feet.

**Chatillon.** The best bright pink baby rose. The flowers are semi-double, borne in gigantic clusters on a vigorous healthy bush, offering a magnificent flower show all through the season. 18 inches.

**Ellen Poulsen.** Fairly full flowers of bright rose-pink, darker toward the edges and slightly fragrant, borne in large compact clusters on a dwarf bushy plant. 18 inches.

**Else Poulsen.** A new type of polyantha, quite lovely and out of the ordinary. The flowers are single and quite large, with slender little buds, clear rose-pink in color, in open clusters. It produces a continuous succession of bloom and we highly recommend it. 3 feet, \$1.00 each.

**Etoile Luisant (Baby Herriott.)** A beautiful little baby rose with miniature buds of the same shape and form as Cecile Brunner, but the color is rich coppery orange, similar to that of Mme. Edouard Herriott. 18 inches.

**Golden Salmon.** A most wonderful new color in the baby roses. Dwarf, bushy plants, bearing large clusters of small single flowers of brilliant, luminous orange-scarlet. A marvelous color—like a bonfire in the garden. 15 inches.

**Kirsten Poulsen.** Similar to Else Poulsen with the same tall, vigorous bush and everblooming habit, but differing in color, which is bright crimson, with a center of golden anthers. 3 to 4 ft.

**Lafayette.** A bright colored new Baby rose, of a light cherry red color, the individual flowers being larger than usual in this type, and borne in large loose clusters. 2 ft.

**Miss Edith Cavell.** Small semi-double flowers of brilliant scarlet-red, shaded crimson. The color does not fade in hot weather. The flowers are produced on sturdy, well branched plants. 18 inches.

**Rudolph Kluis.** Has large clusters of small flowers of a peculiar but attractive shade of rich vermilion. A large, bushy plant, constantly in bloom, producing a brilliant mass of color all through the season. 3 feet.

**Tip-Top.** (Baby Doll.) Some years ago this beautiful little rose was quite popular, but it seems to have been forgotten. We believe that such charming shape and color deserve recognition, so we have grown it again. The little, beautifully shaped buds are buff-yellow and white, tipped and edged with Tyrian rose; borne in small clusters. It blooms continuously, and we have always liked it very much. 15 inches.



## QUAKERESS

Creamy Yellow Flowers, Blooming All Summer

## New Climbing Roses

When ten or more assorted Roses are ordered, those priced at \$1.50 will be sold at \$1.25, those priced at \$1.00 will be 90c, those priced at 75c will be 65c, and those priced at 50c will be 45c.

**Bloomfield Quakeress.** (Capt. George C. Thomas, 1930.) Here is a splendid, new, everblooming climber, one of the finest products of that eminent rose hybridizer, Capt. George C. Thomas. Introduced by us this season for the first time. We have observed it for several years and we are greatly impressed with the great beauty of the flower and foliage, and particularly with its fine, everblooming habit, which is not found in any other climber of its type. The flowers are soft light yellow, semi-double, with long stems and attractive little buds, and they are borne all through the spring, summer and fall. The plant is a very strong grower, and the clean-looking, light green foliage is more attractive than any other climber that we grow. We are not sure about its hardiness, but for the Pacific Coast, and probably for the Southern States, it will be a remarkably fine acquisition. \$1.50 each.

**Bloomfield Dawn.** (Capt. Geo. C. Thomas, 1930.) Another new climber introduced this year exclusively by the Armstrong Nurseries. It is exceedingly vigorous, everblooming, with long beautifully formed buds of light salmon-pink, opening to a double flower of deeper pink. It has a very sweet fragrance. \$1.50 each.

**Climbing Golden Emblem.** Several years ago, among the bushes of Golden Emblem in our field, we discovered a plant which shot out long upright climbing branches. We have continued to propagate from this plant and every bush which we have grown from it has shown the same vigorous, rampant habit; with enormous heavy canes six, eight and even ten feet long, produced in one growing season. In addition to this strong climbing habit, the plant produces great quantities of the same highly colored buds of golden-yellow, with red shadings, which are so much admired on the bush Golden Emblem. It never reverts back to the bush form as do so many climbing sports, and its vigorous growth and profusion of bloom make it one of the finest climbing roses that we have ever known. \$1.00 each.

**Cl. Etoile de Feu.** This popular orange-colored rose, with its blooms like fiery stars, is now available in this new climbing sport; extremely showy, with a valuable everblooming habit. \$1.00 each.

**Cl. Souvenir de Claudius Pernet.** The most famous yellow rose now has a strong-growing, climbing counterpart with the same brilliant, unfading color. \$1.00 each.

**Cl. Souvenir de Mme. Boulet.** We consider this variety to combine the good qualities of both Sunburst and Lady Hillingdon. The big orange-yellow blooms are produced in great abundance on a vigorous plant. The most perfect flowers of any yellow climber. \$1.00 each.

**Kitty Kininmonth.** A novelty in climbers from Australia, which is worthy of planting where it will be admired, for the huge, semi-double flowers with their enormous, carmine-rose petals will attract much attention when in bloom in the spring. Well shaped buds and stiff stems make it excellent for cutting also. Vigorous but not rampant. \$1.00 each.

**Mme. Gregoire Staechelin.** (P. Dot, 1927.) A remarkable new climbing rose from Spain, making an abundant vigorous growth suitable for covering the largest spaces, and producing an extraordinary abundance of glorious carmine-pink blooms in the spring, the flowers coming three to five on a stem and opening one after the other so that the blooming season is unusually long. The buds are long-pointed, and the wavy petals form a large, semi-double cup, each flower radiating a delightful fragrance. The foliage is dark green and mildew-resistant. \$1.50 each.

## Climbing Roses

Price 50c Each, \$4.50 Per 10

In addition to the Hybrid Tea (HT) and Tea Roses (T), described on page 28, we have several other classes among the climbers. The Hybrid Wichurianas (HW) and Hybrid Multifloras (HM) are quite hardy, growing anywhere, and usually bear most of their flowers in one great magnificent burst in the spring or early summer, at which time they are a gorgeous sight. They are splendidly vigorous, and can be used as climbers, for trailing over banks, or can be trained into pillars.

**Banksia Yellow.** A rampant grower which will spread all over the place, festooned heavily in the springtime with a profusion of little button-like yellow flowers. The stems are absolutely thornless.

**Banksia White.** Exactly the same as above but flowers are pure white, absolutely covering the plant.

**Belle of Portugal.** HG. For several years we have not had sufficient plants to meet the demand for this beautiful climber. Extremely large flowers, of a delicate soft pink color, tinged with salmon. The long well-shaped buds are often 3 inches or more in length. A vigorous grower which soon covers porch, fence or pergola. Because of its strong growth it blooms very little for a year or two, but thereafter is very floriferous, being a mass of bloom from January to June in California.

**Black Boy.** HT. A new climber from Australia which we believe is one of the finest red climbing roses. The blooms are large, quite double, very fragrant and are deep velvety crimson, shaded blackish maroon and scarlet. The plant is a tall rampant climber and the blooms are excellent for cutting, as they are on long, stiff stems.

**Bloomfield Dainty.** Little orange-yellow buds and medium sized single flowers of clear canary yellow, borne singly and in clusters against a background of dark green glossy foliage. It is in bloom during nine or ten months of the year, and while the plant is not a rampant climber. It is eminently satisfactory either as a large shrub or as a medium sized climber for fence or trellis.

**Climbing Belle Siebrecht.** HT. The flowers are large, exceedingly graceful, full and double; buds long and pointed; color is a brilliant rich, deep pink.

**Climbing Cecile Brunner.** Poly. One of the strongest growing climbing roses; flowers identical with the well-known bush variety.

**Cherokee White.** Produces great masses of waxy-white single flowers in the spring and is much used for covering fences, buildings, etc., where a large surface is to be covered. The foliage is a bright shining green at all times during the year.



**CHEROKEE ROSES**

**A Marvelous Display of Bloom in Springtime**

**Cherokee Pink.** Differs from the above only in the color of the flowers, which are bright rose-pink, contrasting with the golden stamens.

**Cherokee Red.** It has all the desirable features of the pink variety as regards the beautiful shining foliage—and vigor of growth. The color of the inside of the petals is a beautiful red, while the outside is a lighter shade.

**Cl. General McArthur.** HT. A true sport from the popular bush variety possessing the same bright scarlet crimson shade. Climbs vigorously.

**Cl. Grass an Teplitz.** HT. The counterpart of the favorite bright red bush rose, blooming with great freedom in the spring and moderately thereafter.

**Cl. Hoosier Beauty.** HT. Like the bush form in all respects except for its vigorous climbing habit. Rich velvety scarlet.

**Cl. Irish Fireflame.** HT. A vigorous climbing type of the beautiful single rose, producing in profusion all through the summer the sprays of bright colored flowers tinted orange, crimson and gold.

**Climbing K. A. Victoria.** (Mrs. Robert Peary.) HT. A grand white climbing rose; large, deep and double; it is the strongest growing, freest blooming and most satisfactory of the white climbing roses.

**Cl. Los Angeles.** HT. The Los Angeles rose is now one of the most popular bush roses grown. Here is exactly the same rose in a strong vigorous climber. The glorious flame pink color, and the freedom of bloom are just as marked as in the bush.

**Climbing Maman Cochet.** T. Identical with the well-known bush variety, but with a strong climbing habit, clear, rich pink.

**Cl. Mme. Butterfly.** HT. All rose lovers know the favorite light pink Butterfly, and we can enthusiastically recommend its climbing sport for vigor, freedom of bloom and beauty of flower.

**Cl. Mme. Caroline Testout.** HT. A strong growing climber which produces even more and larger flowers than the bush of the same name, but with the same color, a soft, warm, satiny pink.

**Cl. Mrs. Aaron Ward.** HT. This variety in the bush form is one of the daintiest and most charming of all roses, and this is a good new vigorous climbing sport. Tawny golden buff flowers, produced all through the growing season.

**Cl. Mme. Edouard Herriott.** HT. A climbing rose with the sensational coppery coloring of Mme. Edouard Herriott has been wanted for some time and now we have it. The flowers are produced in profusion all during the summer and are just as bright in color and even better in shape than the bush, while the plant is a true climber.

**Cl. Radiance.** HT. Wherever roses are grown, Radiance is popular. This climbing sport of the fine, silvery-pink rose grows to about 8 or 10 feet, and produces a great profusion of blooms.

**Cl. Red Radiance.** HT. Another climbing sport of a much-liked rose originating in our fields. A strong grower, and the big red stiff-stemmed blooms are just as numerous and fine as on the bush.

**Cl. Rose Marie.** HT. The beautifully formed rose-pink flowers are larger than on the bush form; they are borne in greater profusion all during the spring, summer and fall and they are just as fragrant, yet this climber will make an enormous plant 8 or 10 feet high in one season and bloom while doing it. A wonder.

**Climbing White Maman Cochet.** T. Identical with the well-known White Maman Cochet bush rose, with the addition of its climbing habit.

**Climbing Sunburst.** HT. A vigorous sport of the popular bush rose, and bearing continuously large, deep, golden-yellow buds.

**Dorothy Perkins.** W. A hardy, vigorous spring blooming climber which is always dependable for porches, pergolas or for trailing on banks. Great clusters of small, very double, shell-pink flowers.

**Gold of Ophir.** N. Some of the finest old rose plants in California are of this variety and it can only be grown in California and the Southern States. A marvelously beautiful thing in the spring with its mass of old gold and apricot flowers which literally covers the plant.

**Dr. Huey.** HW. A Pillar rose growing to 8 feet, covered in late spring with large semi-double flowers of deepest crimson, shaded black and maroon. A remarkably beautiful rose of its class.

**Dr. Van Fleet.** A beautiful hardy climber, rampantly vigorous in growth, and producing in the early spring quantities of light pink roses the color of apple blossoms, on long individual stems.



**GOLD OF OPHIR**

**A Mass of Coppery Salmon**

**Gwen Nash.** A pillar rose, not a rampant climber, from Australia, which is little known here as yet but which has qualities that will make it a favorite. The semi-double, cupped flowers are slightly fragrant and possess a lovely clear cyclamen-pink color, shading to white in the center. The dainty pink and white coloring gives it a charm possessed by no other climber.

**Lady Godiva.** A late-blooming form of that favorite old rambling rose, Dorothy Perkins, with great trusses of flowers in many different shades of delicate pink. Fine for pillar, fence or ground cover.

**Lamarque.** Noisette. A good old dependable white spring bloomer. A mass of flowers in its season.

**Marechal Neil.** T. Long a favorite climber, this superb old lemon yellow variety with its large globular, highly perfumed blooms, still remains deservedly popular.

**Mrs. Geo. C. Thomas.** A vigorous plant, growing to 8 or 10 ft., bearing all through the summer in loose clusters its beautiful, long, coppery orange buds, opening to light salmon-pink flowers suffused with yellow. Very fine for table decoration.

**Nora Cunningham.** HT. A very fine climber from Australia, with large semi-double flowers of a clear brilliant pink; exceedingly decorative for pillars or trellises. It is an ever-bloomer with its greatest show of flowers in the spring but with recurrent blooms all through the summer and fall.

**Paul's Scarlet Climber.** WH. The flowers are an intense vivid scarlet, semi-double and are very freely produced in clusters of from 3 to 20 blooms on long much-branched canes, the plant being a mass of color from top to bottom. The flowers do not fade but maintain their color until the petals fall. It is a strong grower and for pergolas, pillars, or other purposes there is nothing to compare with it for striking effect. A solid mass of bloom in spring.

**Phyllis Bide.** Cl. Poly. A splendid new ever-blooming polyantha rose, with blossoms about the same size as the well known Cecile Brunner. The long branching shoots produce great quantities of sprays of the dainty little flowers which are pale gold at the base, shading to soft pink at the outer edges of the petals. Unlike most other climbers of this type, it blooms throughout the season.

**Red Explorer.** Polyantha. A fine addition to the climbing baby roses. The plant is covered in the spring with thick clusters of small rich red flowers. Growth is much branched and spreading, similar to Dorothy Perkins and it makes a wonderful pergola rose or bank covering.

**Reine Marie Henriette.** N. Another fine old-timer which is well worthy of planting in California. Bright rich red flowers, borne in great profusion.

**Reve d'Or.** N. A wonderfully showy spring blooming climber, which has long been a favorite in California and the South. Flowers deep yellow with a salmon center, medium size, full and fragrant.

**Silver Moon.** HW. One of the most exquisite of climbers with gigantic, single, saucer-shaped blooms of pure white, borne in sprays. The plant is of extraordinary vigor, growing 15 to 20 feet in one season. Spring blooming only.

**Snowflake.** HW. Spring bloomer, with pure white double flowers about as large as a walnut, borne in large graceful clusters in great profusion. It is a strong rampant climber and in bloom gives the impression of myriads of snowflakes on a shining dark green background.

## Tree-shaped Roses

Standard or Tree-shaped roses differ from ordinary bush roses in that they are budded into a stalk of some strong growing variety at a height of 2½ feet from the ground, forming a bushy head at the top of a long stem.

Many rose varieties produce even more blooms when grown in this way than on an ordinary bush, and for lining walks or planting in locations where height is desired, Tree Roses are very effective. We grow what we believe to be the finest Tree Roses in the country and every specimen sent out by us will have a large, bushy, uniform head on a stout straight stalk.

Most of our Tree Roses are taken up with a ball of earth on the roots, but when they are to be shipped a long distance by rail, we remove the earth to save weight. Detailed descriptions of the varieties named will be found under the Bush Roses.

## Single Variety Tree Roses

Price, \$2.75 each, \$25.00 per 10.

- Angele Pernet, orange.
- Chatillon, bright pink.
- Cuba, orange-scarlet.
- Dame Edith Helen, bright pink.
- Etoile de Hollande, scarlet.
- Feu Joseph Looymans, apricot-yellow.
- General McArthur, light red.
- Golden Emblem, yellow.
- Golden Salmon, salmon-orange.
- Hadley, crimson.
- Hoosier Beauty, scarlet.
- K. A. Victoria, white.
- Lady Margaret Stewart, yellow, shaded red.
- Louise C. Breslau, salmon.
- Los Angeles, flame-pink.
- Lulu, coral-pink.
- Margaret McGredy, brick-red.
- Mabel Morse, canary-yellow.
- Mme. Butterfly, light pink.
- Mme. Edouard Herriot, copper.
- Modesty, creamy-white.
- Padre, copper-scarlet.
- Queen Alexandra, vermilion-red.
- Radiance, pink.
- Red Radiance, red.
- Rev. F. Page Roberts, yellow.
- Rose Marie, rose-pink.
- Sensation, crimson.
- Souv. de Claudius Pernet, clear yellow.

## Three Color Tree Roses

Price \$3.50 Each, \$32.50 Per 10

Tree-shaped roses with three colors blooming thereon are an exceedingly unique and ornamental addition to the home grounds and garden, and offer a beautiful blending of colors. We have selected for these combinations colors which are harmonious and the varieties are of similar habit of growth so that a uniform, well-shaped head is produced.

### FIRST COMBINATION

Golden Emblem, yellow; Sensation, crimson; Rose Marie, pink.

### SECOND COMBINATION

Mabel Morse, yellow; Etoile de Hollande, crimson; Los Angeles, flame pink.

### THIRD COMBINATION

Padre, copper scarlet; Claudius Pernet, yellow; Etoile de Feu, salmon orange.



**PAUL'S SCARLET CLIMBER**  
For a Brilliant Mass of Red It Has No Equal



## Deciduous Trees and Shrubs

These trees, all shedding their foliage in the winter, are quite hardy and most of them will thrive anywhere in the Southwest. They are usually shipped with bare roots while dormant in the winter, and when planted out make a rapid and luxuriant growth. The heights given refer to usual ultimate heights which may not be attained for some years. The finest spring flowering trees are included in this group.

When ordering ten or more of one variety of Deciduous Trees or Shrubs, deduct 10% from the price. Write for prices on quantities of 50 or more.

### ACER. Maple

**Acer dasycarpum.** "Silver Maple." 60 ft. This variety of Maple grows quite readily on the Pacific Coast and makes a beautiful, fast growing shade or street tree. Displays every fall leaves of the glorious autumnal shades. 10-12 ft., \$1.50; 8-10 ft., \$1.25; 6-8 ft., \$1.00; 4-6 ft., 75c.

### ALBIZZIA JULIBRISSIN. Silk Tree

**Albizia julibrissin.** 30 ft. A beautiful shade-tree, related to the Acacias, with fine-cut, fern-like foliage. Covered in early summer with beautiful, fragrant, feathery, pink blossoms, offering a beautiful sight. Quite hardy anywhere. 3-4 ft., \$1.25; 2-3 ft., \$1.00; gal. containers, 1½-2 ft., 75c.

### BETULA. Birch

**Betula alba.** "European White Birch." 40 ft. A large spreading tree with gray green foliage and slender branches. As the trees get older the bark becomes white and branches are often pendulous. 8-10 ft., \$1.50; 6-8 ft., \$1.25; 4-6 ft., \$1.00.

**Betula papyrifera.** "Canoe Birch." 60 ft. An exceedingly beautiful tree with slender branches, bright green foliage, and a very white picturesque trunk. The Indians of the Northern States used the bark of this tree to make their canoes. 8-10 ft., \$1.50; 6-8 ft., \$1.25; 4-6 ft., \$1.00.

### CATALPA

**Catalpa speciosa.** "Western Catalpa." 60 ft. A hardy shade tree for all regions, including the interior deserts. The large heart-shaped leaves provide excellent shade and the panicles of white flowers in spring are attractive. 10-12 ft., \$1.50; 8-10 ft., \$1.25; 6-8 ft., \$1.00.

### CELTIS. Hackberry

**Celtis australis.** "European Hackberry." 60 ft. A large, widespreading tree, with handsome light green foliage, thriving almost anywhere. Very vigorous and rapid in growth. Gal. containers, 2-3 ft., 75c.

### ERYTHRINA. Coral Tree

**Erythrina crista-galli.** "Coral Tree." Brazil. 10 to 15 ft. An interesting and rare large shrub or small tree which forms a large woody, corky trunk, sending out much new growth in the spring on which are produced a great number of butterfly-like deep crimson flowers. The branches die back every winter to the trunk and should be pruned off to produce new growth. 5-gallon containers, \$2.00; gallon containers, \$1.00.

**E. humeana.** 30 ft. South Africa. Makes a larger tree than the above, with showy flowers of brilliant scarlet. 5-gal. containers, \$2.00; gal. containers, \$1.00.

### FRAXINUS. Ash

**Fraxinus velutina.** "Arizona Ash." 30 ft. Rapid growing tree; desirable for planting in the arid sections of California and Arizona, although it does well also near the coast. Requires little water and thrives in alkaline soils. 12-14 ft., \$2.00; 10-12 ft., \$1.50; 8-10 ft., \$1.25; 6-8 ft., \$1.00; 4-6 ft., 75c.

### GINKGO. Maidenhair Tree

**Ginkgo biloba.** "Maidenhair Tree." 50 ft. An odd but handsome Chinese tree of spreading habit, with leaves like those of a giant Maidenhair Fern. Very colorful in the fall. Slow growing. 4-5 ft., \$1.50; gal. containers, 1-2 ft., 75c.

### JUGLANS. Black Walnut

**Juglans californica.** The Native Black Walnut. 50 ft. Native to the northern section of California, making a large, strong growing tree under cultivation. 6 to 8 ft., \$1.00; 4-6 ft., 75c.

### LIQUIDAMBAR. Sweet Gum

**Liquidambar styraciflua.** "Sweet Gum." 50 ft. A beautiful pyramidal tree of symmetrical habit with maple-like leaves assuming a gorgeous crimson color in winter. 4-6 ft., \$1.25; 3-4 ft., \$1.00.

### LIRIODENDRON. Tulip Tree

**Liriodendron tulipifera.** "Tulip Tree." 125 ft. A hardy, beautiful, pyramidal tree, with handsome, clean foliage, and tulip-like flowers of yellowish-orange. The leaves become brilliant yellow in fall. One of the most magnificent native American trees. 4-6 ft., \$1.25; 3-4 ft., \$1.00.



FLOWERS OF THE CORAL TREE  
Rich Crimson Flowers in 12-inch Clusters



**EUROPEAN SYCAMORE (Plane Tree)**  
Good Street or Shade Tree for Any Location

**MALUS. Flowering Crab Apple**

**Malus arnoldiana. "Arnold Crab."** 10 ft. One of the most beautiful crabs, with very large rose-colored flowers, turning to white as they age. A dwarf, compact, little tree or large shrub. No flowering plant or tree will bring the gaiety of spring into the garden more colorfully than the Flowering Crabs. 4-6 ft., \$1.75; 3-4 ft., \$1.50.

**M. baccata mandshurica. "Manchurian Crab."** 10 ft. The first of the Crabs to bloom, bearing clouds of large, pure white, fragrant flowers. Followed by little dark scarlet fruits. 4-6 ft., \$1.75; 3-4 ft., \$1.50.

**M. theifera. "Tea Crab."** 20 ft. Perhaps the most striking Crab Apple, with its branches clad in the springtime with flowers from base to summit, and with a decidedly picturesque habit. Flowers rosy red in the bud and paler when expanded. The blooming period of a tree like this is one of the important events in a garden. 4-6 ft., \$2.50.

**M. ioensis Bechtel. "Bechtel's Double Flowering American Crab."** 8 to 12 ft. Trees of small to medium size, covered in early spring with large, beautiful, double fragrant flowers of a delicate pink color. The flowers have the appearance of small roses. Blooms when young. 3-4 ft., \$1.00; 2-3 ft., 75c.

**CHINESE MAGNOLIA**

**Magnolia soulangeana.** 20 ft. One of the finest of the Asiatic deciduous magnolias, producing its beautiful blooms in the spring before the leaves are fully out. The big, cup-shaped flowers are creamy-white inside and are suffused with purplish-pink on the outside. Bushy. 3-4 ft., \$7.50; 2½-3 ft., \$5.00.

**MELIA. Texas Umbrella Tree**

**Melia azedarach umbrauliformis. "Texas Umbrella."** 30 ft. A splendid tree for dense shade either in coastal regions or in the hot interior valleys. A large, dense, symmetrically rounded crown, fast-growing, with large panicles of lavender flowers in the summer. Heavily branched. 10-12 ft., \$2.50; 8-10 ft., \$2.00; 6-8 ft., \$1.50; 4-6 ft., \$1.25. Unbranched. 4-6 ft., 75c.

**MORUS. Mulberry**

**M. nigra. "Persian or English Mulberry."** 15 ft. This variety produces the largest and finest fruit of all the Mulberries; very large, juicy and aromatic; excellent for preserving. The tree is a stout, dense, slow grower and makes an excellent small shade tree. 3-4 ft., \$1.25; 2-3 ft., \$1.00.

**M. rubra. "Hicks Mulberry."** 40 ft. A strong, upright, fast growing tree with dense foliage, thriving almost anywhere and furnishing excellent shade. Bears good sized delicious black berries. 10-12 ft., \$1.75; 8-10 ft., \$1.50; 6-8 ft., \$1.25.

**Kingan. (Fruitless.)** 30 ft. A good strong growing, dense shade tree, but without fruit, thus avoiding the staining of walks under the tree. Extremely rapid in growth and one of the best shade or street trees for Arizona and other dry arid climates. 10-12 ft., \$2.00; 8-10 ft., \$1.50; 6-8 ft., \$1.25; 4-6 ft., \$1.00.

**PERSICA. Flowering Peach**

**Persica alba plena. "Double White Flowering Peach."** 15 ft. Literally covered in the spring with its many large flowers, like double white roses. 6-8 ft., \$1.00; 4-6 ft., 75c.

**P. rosea plena. "Double Pink Flowering Peach."** 15 ft. Covered early in spring (February) with large double flowers of rose pink. Almost the earliest spring flowering tree and the cut branches make beautiful floral sprays. 6-8 ft., \$1.00; 4-6 ft., 75c.

**P. sanguinea plena. "Double Red Flowering Peach."** 15 ft. The big double flowers are a bright crimson in color and very showy in the spring, covering the trees. 6-8 ft., \$1.00; 4-6 ft., 75c.

**P. variegata. "Variegated Flowering Peach."** 15 ft. The large, double flowers are bright crimson, prominently striped and flecked with pure white. 6-8 ft., \$1.00; 4-6 ft., 75c.

**PLATANUS. Plane or Sycamore**

**Platanus orientalis. "European Sycamore."** "Oriental Plane." 60 ft. One of the finest deciduous shade and street trees in existence. Grows rapidly, has large maple-like, bright green leaves, is symmetrical and uniform in shape, and grows almost anywhere. Does well with plenty of water, but will thrive with very little. Makes a dense shade and may be heavily pruned if desired. 16-18 ft., \$4.00; 14-16 ft., \$3.00; 12-14 ft., \$2.00; 10-12 ft., \$1.50; 8-10 ft., \$1.25; 6-8 ft., \$1.00; 4-6 ft., 75c.

**P. racemosa. "California Sycamore."** 60 ft. The picturesque native of the California foothills. Grows upright and well branched with soft downy green foliage and mottled trunk. 14-16 ft., \$3.00; 12-14 ft., \$2.00; 10-12 ft., \$1.50; 8-10 ft., \$1.25; 6-8 ft., \$1.00; 4-6 ft., 75c.



**FLOWERING PEACH**  
A Glorious Mass of Color in Spring



**RED FLOWERING CHERRY**  
The Lovely Red *Prunus Campanulata*

When ordering ten or more of one variety of Deciduous Trees or Shrubs, deduct 10% from prices.

### POPLAR. Poplar and Cottonwood

**Poplar candicans.** "Balm of Gilead." 75 ft. A big spreading, fast growing tree with dense foliage longer-lived than most poplars. The buds have a pleasant resinous fragrance in early spring. 10-12 ft., \$1.50; 8-10 ft., \$1.00; 6-8 ft., 75c.

**P. monilifera.** "Carolina Poplar." 60 ft. Exceedingly fast growing tree which attains large size quickly. Of tall broadly pyramidal form with dense foliage. Extremely easy to grow, doing equally well on the desert or near the coast. Can be planted to give a quick shade while slower growing, more permanent trees are attaining their size. 16-18 ft., \$3.50; 14-16 ft., \$2.50; 12-14 ft., \$1.75; 10-12 ft., \$1.25; 8-10 ft., \$1.00; 6-8 ft., 75c.

**P. nigra Italica.** "Lombardy Poplar." 75 ft. The tall, slender, narrow poplar so valuable for lining driveways or for accentuating certain types of architecture. Grows very rapidly, attaining great height in a very few years. 20-25 ft., \$5.00; 16-20 ft., \$3.50 14-16 ft., \$2.50; 12-14 ft., \$1.75; 10-12 ft., \$1.25; 8-10 ft., \$1.00; 6-8 ft., 75c.

**Thornber Cottonwood.** 75 ft. A splendid fast growing large shade tree for Arizona and the inland arid sections. Very large leaves, clean white bark, no bothersome "cotton," losing its leaves late in the fall and budding out early in the spring. 12-14 ft., \$2.00; 8-10 ft., \$1.50; 6-8 ft., \$1.25; 4-6 ft., \$1.00.

### PRUNUS. Japanese Flowering Cherry

**Botanzakura.** Very double flowers, with many small petals in the center, and a much deeper pink color than any of the other double flowering cherries we list. Large flower clusters. \$2.50 each.

**P. campanulata.** A splendid variety with trumpet-shaped, single, light red flowers, borne in great profusion on a large, vigorous tree. Blooms precede all other varieties by at least three weeks. 6-8 ft., \$2.50; 4-6 ft., \$2.00.

**Daybreak.** The first to bloom after Campanulata. Single, pink flowers borne before the leaves appear and in such profusion as to make the tree resemble a cloud of pink. \$3.00 each.

**Naden.** One of the loveliest pink flowering cherries; quite deep in color, with large, tufted flowers in clusters, blooming ten days later than most of the cherries. \$2.50 each.

**Pink Pearl.** The earliest double flowered Cherry we list, bearing great quantities of light pink flowers, deeper around the edges. \$3.00 each.

**Taizanfukun.** Medium sized, double, tufted flowers of soft pink, paling to flesh and white. A slender, erect tree, blooming late and abundantly. \$2.50.

**Victory (Shirofugen).** The largest flowers of all, sometimes 2½ inches across. Borne in clusters of three, and very double. The flowers open pale pink, become white, and then turn cerise. This blending of colors is unique and lovely. \$2.50 each.

### PRUNUS. Flowering Plum

**Prunus Mme. Dorbon.** 15 ft. A delightful flowering plum which in the spring is literally covered with large, bright pink, bell-shaped flowers on every twig and branch. The flowers hang down from the stems, imparting a semi-weeping appearance. A beautiful variety. 6-8 ft., \$1.50; 4-6 ft., \$1.25.

**P. Birieana.** 15 ft. A very handsome ornamental with long slender branches, purple-tinted foliage and lovely semi-double flowers of apple-blossom pink in the spring. 6-8 ft., \$1.25; 4-6 ft., \$1.00.

**P. Vesuvius.** "Burbank's Purple Leaf Plum." 15 ft. A strong growing form with deep colored leaves of rich purple, and quantities of white flowers in spring. Forms a rich spot of color. 4-6 ft., \$1.00.

### QUERCUS Deciduous Oaks

**Quercus rubra.** "Red Oak." One of the best of the beautiful deciduous oaks of the east, doing very well in California. Deeply cut leaves, highly colored in autumn. 6-8 ft., \$1.50; 4-6 ft., \$1.25.

### ROBINIA. Locust

**Robinia Pseudacacia.** "Black Locust." 80 ft. A hardy, drought resistant tree, much used in the arid and desert sections. Easily and rapidly grown. Needs very little water; withstands alkali. 4-6 ft., 50c each, \$4.00 per 10; 3-4 ft., 25c each, \$2.00 per 10, \$15.00 per 100.

**Robinia hispida macrophylla.** "Pink Flowering Locust or Rose Acacia." One of the most striking of the spring-blooming trees, with large rose-colored flowers covering the plant in early spring. Large trees top-grafted at 7 feet to form a large head. \$3.50 each.

### ULMUS. Elm

**Ulmus Americana.** "American White Elm." 50 to 100 ft. There is no more majestic or noble tree than the Elm, with its great arching branches, dense shade and bright green foliage. It does well in the west, thriving both on coast and in the interior. 8-10 ft., \$1.25; 6-8 ft., \$1.00; 4-6 ft., 75c.

**U. pumila.** "Chinese Elm." 40 ft. A fast growing tree which is being very widely planted all over this country, particularly in dry interior sections, because it adapts itself well to extremes of heat, cold, drought and alkali. It is the one tree which can be planted almost anywhere and which will be almost certain to succeed. It grows with extreme rapidity. 12-14 ft., \$2.50; 10-12 ft., \$1.75; 8-10 ft., \$1.25; 6-8 ft., \$1.00; 4-6 ft., 75c.

## Weeping Deciduous Trees

### BETULA. Birch

**Betula alba laciniata.** "Cutleaf Weeping Birch." 20 ft. The most ornamental of all Birches, with very white bark, pendulous branches and deeply cut leaves. Beautiful as a single specimen or in groups. 6-8 ft., \$2.50.

### MORUS. Weeping Mulberry

**Morus pendula.** "Tea's Weeping Mulberry." 8 ft. Very ornamental and of drooping habit. Its long, slender branches curve gracefully to the ground, forming a dense umbrella-shaped head. May be trained over a framework to form a wide roof of green. Excellent for a lawn specimen. Trees headed at 7 ft. 2-yr., \$2.50; 1-yr., \$2.00.

### SALIX. Weeping Willow

**Salix Babylonica.** 40 ft. The well-known picturesque "Weeping Willow." Large spreading top and long pendulous branches. Thrives in wet or dry soils. 10-12 ft., \$1.75; 8-10 ft., \$1.25; 6-8 ft., \$1.00.

**S. annularis.** "Ringleaf Weeping Willow." 40 ft. Exactly the same habit as the Weeping Willow above, but the leaves are twisted and curled, presenting a very odd yet peculiarly attractive appearance. 8-10 ft., \$2.00; 6-8 ft., \$1.50.



**LOMBARDY POPLAR**

Tall Tree of Extremely Rapid Growth

### Hardy Flowering Shrubs

This class includes all those hardy shrubs from three to ten feet in height which lose their leaves in the winter. They are valuable for their garlands of flowers in the spring and summer and there is a place for some of them in every planting.

#### AMYGDALUS. Dwarf Flowering Almond

*Amygdalus alba nana.* "Dwarf White Flowering Almond." 6 ft. A beautiful flowering shrub, bearing a mass of double white flowers in the early spring. 3-4 ft., \$1.00; 2-3 ft., 75c.

*A. rosea nana.* "Dwarf Pink Flowering Almond." 6 ft. The rare beauty of this bushy flowering shrub in the spring is not soon forgotten. Flowers are small, soft pink, very double, and completely cover the branches. 2-3 ft., 75c.

#### AZALEA

*Azalea mollis.* 4 ft. The bushes are aflame in early spring just before the leaves appear with brilliant salmon-red or brick-red flowers two inches across. Very showy and hardy anywhere in California. Best in shade or half-shade. Balled, 15-18 inches, \$2.50; 12-15 inches, \$2.00.

#### CALYCANTHUS. Sweet Shrub

*Calycanthus floridus.* "Sweet Shrub." 6 ft. A bushy dark-leaved shrub with many sweetly fragrant chocolate-colored flowers in spring. A favorite of the old-time garden and should be just as much admired in the new. 1½-2 ft., 75c.

#### CERCIS. Redbud

*Cercis canadensis.* "Redbud." 15 ft. An exceedingly showy small tree in early spring when covered with small bright cerise-pink flowers. 4-6 ft., \$1.75; 3-4 ft., \$1.25; 2-3 ft., \$1.00.

#### CRATAEGUS. Hawthorn

*Crataegus oxycantha splendens.* "Paul's Double Scarlet Hawthorn." A well-known shrub or small tree with spreading spiny branches, much prized for its double scarlet flowers in spring and dull red berries in fall and winter. 4-6 ft., \$2.00.

When ordering ten or more of one variety of Deciduous Trees or Shrubs, deduct 10% from prices.

#### CORNUS. Flowering Dogwood

*Cornus florida.* "Flowering Dogwood." 10 ft. A large shrub with handsome foliage and great numbers of large extremely showy single white flowers. Thrives in sun or shade. 3-4 ft., \$1.25.

*C. florida rubra.* The same as above but with beautiful deep pink flowers. Rare and beautiful. 5-gallon containers, 2-3 ft., \$3.00.

#### CYDONIA. Flowering Quince

*Cydonia japonica rosea.* "Red Flowering Quince." 10 ft. A very showy plant early in the spring when covered with its bright, semi-double, rosy red flowers, which appear just as the leaves begin to show. Has attractive glossy foliage the rest of the summer. 2-3 ft., \$1.00; 1½-2 ft., 75c.

*C. japonica sanguinea.* "Scarlet Flowering Quince." 10 ft. Similar to the above, but the flowers are a very bright scarlet and are scattered over the plants all spring and summer. 2-3 ft., \$1.00; 1½-2 ft., 75c.

#### DEUTZIA

*Deutzia crenata.* "Double White Deutzia." Hardy, vigorous shrub, growing 6 to 8 feet high. Bears in the spring a great profusion of pure white double flowers. 4-6 ft., \$1.00; 3-4 ft., 75c.

*D. crenata rosea.* "Double Rose Deutzia." Similar to the above, but the double white flowers are tinged with rose. 4-6 ft., \$1.00; 2-3 ft., 75c.

*D. gracilis.* 3 ft. A beautiful little bush with slender arching branches, covered with spikes of pure white flowers in early summer. 2-3 ft., 75c.

#### FORSYTHIA. Golden Bells

*Forsythia fortunei.* "Golden Bells." A free-flowering shrub, with handsome clean foliage and showy yellow flowers, borne in great profusion along the slender branches in early spring before the leaves. One of the showiest early flowering shrubs. Gal. containers, 2-3 ft., 75c.

#### KERRIA. Japanese Rose

*Kerria japonica.* "Japanese Rose." 6 ft. A hardy semi-deciduous plant with slender arching green branches, and many small double bright yellow flowers throughout spring and summer. Gallon containers, 2-3 ft., 75c; 4-inch pots, 50c.

#### SALIX. Pussy Willow

*Salix discolor.* "Pussy Willow." 15 ft. A small upright tree or large shrub which in the early spring is covered with the long, silky, silver catkins which make the branches so valuable for decorating. Grows anywhere. 6-8 ft., \$1.00.



**PINK CRAPE MYRTLE**

One of the Showiest Summer Flowering Trees



### BRIDAL WREATH

Covered in Spring with a Mantle of White

#### LAGERSTROEMIA. Crape Myrtle

**Lagerstroemia indica rosea.** "Pink Crape Myrtle." 10 to 20 ft. One of the best summer flowering shrubs or small trees, being a mass of bloom during July, August and September. The flowers are crinkled, resembling crape. This variety is a pastel shade of pink. 5-gal. containers, 3-5 ft., \$1.50; gal. containers, 2-3 ft., 75c; 4-in. pots, 50c.

**L. indica rubra.** "Red Crape Myrtle." 10 to 15 ft. Resembles the pink variety but makes a little smaller shrub and has flowers of a deep purplish-red color. Gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**L. indica alba.** "White Crape Myrtle." 10 to 15 ft. The white variety is quite rare, and the snowy, fine-cut blossoms are indeed lovely. Gal. containers, 1-2 ft., \$1.25.

**L. indica Dwarf Red.** 8 ft. A dwarf variety with extremely showy flowers of brilliant watermelon red. Gal. containers, 2-3 ft., \$1.00; 4-in. pots, 75c.

#### PHILADELPHUS. The Mock Orange

**Philadelphus coronarius.** "Large Flowered Mock Orange." 6 to 8 ft. A tall, spring-blooming shrub with arching branches. Leaves broad, lance-like, bright green; flowers pure white, very showy. 6-8 ft., \$1.25; 4-6 ft., \$1.00; 3-4 ft., 75c.

**P. Mont Blanc.** 4 ft. A semi-dwarf Syringa, most profuse in bloom. Pure white. 2-3 ft., 75c.

**P. virginal.** 6 ft. A very showy variety with large white fragrant flowers, 2 inches in diameter, completely covering the plant. Possibly the finest of its kind. 4-6 ft., \$1.00; 2-3 ft., 75c.

#### PUNICA. Flowering Pomegranate

**Punica alba.** "White Flowering Pomegranate." 6 to 10 ft. A fast growing shrub with very double creamy white flowers, followed by bright red fruits. 4-6 ft., 75c; 3-4 ft., 50c.

**P. Mme. Legrelle.** "Variegated Pomegranate." 6 ft. This variety has big red flowers, every petal edged and flecked with white. A lovely and novel bloom. 4-6 ft., 75c; 3-4 ft., 50c.

**P. Rubra.** "Double Red Flowering Pomegranate." 6 to 8 ft. A beautiful Pomegranate with big double scarlet flowers in the spring and summer and bright red fruits in the fall. 4-6 ft., 75c; 3-4 ft., 50c.

#### SPIREEA. Bridal Wreath

**Spiraea Anthony Waterer.** 4 ft. A dwarf Spirea very compact in form. From spring until fall it bears bright rosy crimson flowers in dense panicles, making a very beautiful show of color. The old flower heads should be cut in order to keep the bloom coming. 1½-2 ft., 75c.

**S. Beevesiana.** "Double Bridal Wreath." 8 ft. Similar to ordinary Bridal Wreath except that the flowers are double. There is nothing to equal this shrub or its single variety, for its showy appearance in the spring time and its long arching branches festooned with white bloom are unexcelled for indoor decoration. 4-6 ft., \$1.00; 3-4 ft., 75c; 2-3 ft., 50c.

**S. van Houttei.** "Bridal Wreath." 8 ft. A charming garden shrub of moderate size. The white flowers are borne in profusion in the springtime, causing the slender branches to droop with a graceful arching wreath-like effect. Strong bushy plants, 4-6 ft., \$1.00; 3-4 ft., 75c; 2-3 ft., 50c.

#### SYRINGA. Lilac

The old-fashioned Lilac with its sweet-scented delicately colored flowers does well in the cooler coastal regions of California, but are not to be highly recommended for the warmer interior parts.

Price \$1.00 Each

- Ambrose Verschaffelt.** Large, single, pale pink.
- Belle de Nancy.** Large panicles of double flowers, brilliant satiny rose pink with a white center.
- Frau Bertha Damann.** Single pure white, immense.
- Ludwig Spaeth.** Dark purplish red in color; the individual flowers single and very large.
- Michael Buchner.** Large, very double, pale lilac.
- Mme. Lemoine.** Large, pure white, very dense.
- Single Furple.** The old-fashioned variety.

#### TAMARIX

**Tamarix parviflora.** 15 ft. Shrub or small tree with reddish brown bark and slender spreading branches. In the spring and early summer is covered with feathery pink flowers. Stands extremes of climate well. 4 to 6 ft., \$1.00.

#### VIBURNUM. Snowball

**Viburnum opulus Sterile.** "Snowball." 8 to 10 ft. The favorite old-fashioned shrub producing an abundance of white, globular flowers in May and June. 2 to 3 ft., \$1.25.

#### WEIGELA

**Weigela rosea.** 6 ft. One of the best deciduous flowering shrubs for almost any location. Has larger and more attractive foliage than most of this class and the large clusters of trumpet-shaped rose pink flowers make a wonderful display in the spring and early summer. 3 to 4 ft., \$1.00; 2 to 3 ft., 75c.

**W. Eva Bathke.** Similar to the above but flowers are rich ruby red. Flowers during summer and autumn. Gal. containers, 18 to 24 in., 75c.



### THE FRAGRANT LILAC

A Favorite Old-Fashioned Flower



# Broad-Leaved Evergreen Trees

We are particularly favored in California with a large and varied assortment of broad-leaved evergreen trees which flourish in our climate and are such a characteristic feature of our plantings. The many beautiful Acacias with their brilliant yellow blossoms are very popular. The Eucalyptus, although Australian in origin, is now a typically California tree, and windbreaks, street trees and groves are only a few of the many uses to which its several varieties are put.

Near the coast, the Acacia, Jacaranda, Magnolia, Flame Tree and Camphor make beautiful trees, while more adapted to the arid and desert parts of the southwest are the Casuarina, Parkinsonia, Grevillea and Pepper. The Carob and certain varieties of Eucalyptus may be grown in both regions.

When 10 or more Broad-Leaved Evergreen Trees of one variety are ordered, those priced at \$1.00 each will be sold at \$9.00 per 10; those at 85c will be sold for \$7.50, and those at 75c will be sold for \$6.50. Write for prices on larger quantities.

## ACACIAS

A remarkable group of flowering trees and shrubs which are admirably adapted for home and street planting. Usually rapid growers and easy of cultivation. The flowers range in color from yellow to almost white. The leaves of some are large and feathery, while others are small and lance-like.

**Acacia armata.** "Kangaroo Thorn." 10 ft. A spreading, much branched large shrub with bright green foliage and with bright yellow balls of blooms scattered along the stems. The plant is quite spiny and makes a good protecting hedge. 5 gal. containers, 5 to 6 ft., \$1.50; gal. containers, 3 to 4 ft., 75c.

**A. Baileyana.** 30 ft. The most popular and one of the handsomest of all Acacias, with beautiful fern-like, silvery blue-green foliage. Completely enveloped in the spring with great sprays of lemon-yellow flowers. A large, spreading tree. 5 gal. containers, 6 to 8 ft., \$1.75; gal. containers, 4 to 6 ft., 85c; 3 to 4 ft., 75c.

**A. cultriformis.** 8 ft. A dwarf-growing variety with small bluish, peculiarly shaped triangular leaves and bright yellow flowers. 5 gal. containers, 5 to 6 ft., \$1.50; gal. containers, 3 to 4 ft., 75c.

**A. dealbata.** "Silver Wattle." 60 ft. A royal tree. Large and spreading, with finely cut fern-like leaves of bluish-green. In late winter is covered with a wealth of golden-yellow flowers. One of the best for street or park planting. A fast growing variety which gives a quicker effect than any other Acacia. Gallon containers, 4 to 6 ft., 85c; 3 to 4 ft., 75c.

**A. decurrens.** "Green Wattle." 50 ft. Very similar to *A. dealbata* with finer cut, darker green foliage, and brighter yellow flowers. Very fast growing, making a large, well shaped tree very quickly. For large size in two or three years, we know of nothing better than this Acacia. If the main trunk is cut back a little after a year or two, the tree will become more dense and spread out more. 5 gal. containers, 5 to 6 ft., \$1.50; gal. containers, 4 to 5 ft., 85c; 3 to 4 ft., 75c.

**A. floribunda.** "Everblooming Acacia." 25 ft. A fast, upright growing tree, making a dense round head. Has long narrow leaves, small creamy yellow flowers, and blooms constantly during the summer. 5 gal. containers, 6 to 8 ft., \$1.75; gal. containers, 4 to 6 ft., 85c; 3 to 4 ft., 75c.

**A. latifolia.** 15 to 25 ft. A spreading variety much used for backgrounds and low bushy effects because, with a little pruning, it makes a dense mass of foliage, although it makes an upright tree if desired. Yellow flowers. 5-gal. containers, 6-8 ft., \$1.75; gal. containers, 4-5 ft., 85c; 3-4 ft., 75c.

**A. melanoxylon.** "Black Acacia." 40 ft. Extensively planted in California as a street tree, because it grows very rapidly and does well near the coast or in the interior. Naturally pyramidal but may be trained into globes or other shapes. 5-gal. containers, 6-8 ft., \$1.50; gal. containers, 4-6 ft., 85c; 3-4 ft., 75c.



Baileyana    A. Cultriformis    A. Floribunda    A. Melanoxylon    A. Podalyriaefolia    A. Dealbata

ACACIA VARIETIES, SHOWING CHARACTERISTIC FOLIAGE

**A. podalyriaefolia.** 15 ft. A rare and beautiful tree, rather dwarf in character, having large round grayish-green leaves and great large canary yellow flowers, borne in profusion about Christmas time. The flowers are the most beautiful of all Acacias. Gal. containers, 3-4 ft., \$1.25; 2-3 ft., \$1.00.

**A. pycnantha.** "Golden Wattle." 25 ft. A very handsome Acacia, with large, bold foliage, somewhat pendulous branchlets, and a dense, uniform head. One of the finest for street and park planting, remaining as a comparatively small tree. The fragrant, showy, golden-yellow flowers often bend the tree with their weight of blooms. 5-gal. containers, 6-8 ft., \$1.75; gal. containers, 4-5 ft., 85c.

**A. verticillata.** 12 ft. A bushy, low-growing variety with narrow needle-like leaves, excellent for hedge and massing. Flowers brilliant golden yellow. 5-gal. containers, 5-6 ft., \$1.50; gal. containers, 3-4 ft., 75c.

### BAUHINIA. Orchid Tree

**Bauhinia purpurea.** "Orchid Tree." 10 ft. An exceedingly showy small tree or large shrub, with two-lobed leaves and magnificent, showy flowers varying from deep pink to purple with yellow markings, 3 inches or more across. One of the showiest small trees that we know. 5-gal. containers, 3-4 ft., \$2.50; gal. containers, 3-4 ft., \$1.50.

### CASUARINA. Beefwood or She Oak

**Casuarina Stricta.** "Beefwood or She Oak." 30 ft. A fine street tree for all locations because it is very hardy, withstanding alkali, drought, heat, and cold. Grows very fast when young, has bunchy, reed-like foliage, and resembles a Pine. 5-gal. containers, 8-10 ft., \$1.75; gal. containers, 4-6 ft., 85c; 3-4 ft., 75c.

**Casuarina equisetifolia.** 100 ft. A much larger tree than *C. stricta*, with heavier and longer foliage, pale green in color. Extremely rapid in growth, and a very handsome tree. 5-gal. containers, 5-6 ft., \$1.50; gal. containers, 2-3 ft., 75c.

### CAMPHORA. Camphor Tree

**Camphora officinalis.** "Camphor Tree." 100 ft. Although the camphor often attains very great size it does not reach that size for many years, and because it is of moderate growth and regular form, it is often used for narrow parkways as a street tree. Always handsome with its dense, bright green, glossy foliage, tinged with bronze in the spring. 5-gal. containers, 6-8 ft., \$2.00; gal. containers, 3-4 ft., 75c.



**CAMPHORA TREE**  
Excellent for Uniform Street Planting

### CERATONIA. Carob

**Ceratonia siliqua.** "St. John's Bread or Carob." 40 ft. Admirably adapted as a tree for ornamental street planting, or as single specimens. Beautiful trees may be seen in many places in Southern California and its symmetrical shape and dense, glossy, evergreen foliage, the same throughout the year, are fast making the Carob one of the most desired street trees. It is long-lived, deep-rooted, does not become too large or straggly, and is a most satisfactory tree. 5-gal. containers, 6-8 ft., \$2.50; 5-6 ft., \$2.00; gal. containers, 4-5 ft., \$1.00; 3-4 ft., 85c; 2-3 ft., 75c.

**Bolser Carob.** A beautiful budded variety, grown primarily for its pods. See description and prices on page 6.

### CORNUS. Evergreen Dogwood

**Cornus capitata.** "Evergreen Dogwood." A handsome small evergreen tree, with the typical showy white flowers of the Dogwood but keeping its foliage the year round. Gal. containers, 1½-2 ft., 75c.

### EUCALYPTUS

Of all exotic trees introduced into California, none has identified itself so completely with the California landscape. Many kinds are well suited to park and street planting. Others are valued highly for their magnificently colored flowers. The tall, fast-growing varieties are excellent for windbreaks and timber. For Arizona and the other arid inland regions, we recommend *E. rudis*, *E. rostrata*, *E. viminalis*, and *E. tereticornis*.

**Eucalyptus calophylla rosea.** 25 ft. A rare variety with bright hued flowers, a rich bright pink in color. Has large, handsome, dark green leaves. Rather tender. 5-gal. containers, 6-8 ft., \$2.50; 5-6 ft., \$2.00; gal. containers, 2-3 ft., \$1.00.

**E. citriodora.** "Lemon-scented Gum." 100 ft. A fine ornamental tree with long, slender lemon-scented leaves, which sends one slender straight white trunk towering to a great height with a round airy crown at the top. A rapid grower. Its delicious fragrance and picturesque form make it one of the most desirable of the Eucalyptus. 5-gal. containers, 6-8 ft., \$2.00; 5-6 ft., \$1.50; gal. containers, 3-4 ft., 75c.

**E. corynocalyx.** "Sugar Gum." 120 ft. Erect and fast growing; thrives well near the coast or in very hot climates and is very drought resistant. Excellent for dry hillsides. Gal. containers, 3-4 ft., 75c; flats of 100 small plants, \$3.00.



**FLOWERS OF BAUHINIA**  
Showing Why it is Called Orchid Tree



**CAROB TREE**

Attractive Evergreen Shade and Street Tree

**Eucalyptus erythronema.** 25 ft. One of the rarest and most prized of all flowering eucalyptus, with its handsome, lance-shaped, thick, shining leaves acting as a background for the sparkling light red flowers. Very fine indeed. Gal. containers, 3-4 ft., \$1.00.

**E. ficifolia.** "Scarlet Flowering." 25 ft. A rather dwarf tree, and the showiest of all Eucalypti, with its great clusters of brilliant crimson flowers, set in a background of large dark glossy leaves. Objects of wonder and admiration when in bloom. 5-gal. containers, 6-8 ft., \$2.50; 5-6 ft., \$2.00; gal. containers, 3-4 ft., \$1.00; 2-3 ft., 75c.

**E. globulus.** "Blue Gum." 150 ft. The most widely planted species in this country; an exceedingly rapid grower much used for windbreaks and fuel. The foliage has a decided bluish cast. 5-gal. containers, 8-10 ft., \$2.00; 6-8 ft., \$1.50; gal. containers, 4-6 ft., 75c; \$50.00 per 100; quart containers, 2-4 ft., 40c each, \$3.50 per 10, \$25.00 per 100; flats of 100, \$3.00, \$27.50 per 1000.

**E. globulus compacta.** "Bushy Blue Gum." 40 ft. A valuable new variety which grows naturally into a symmetrical, rounded, compact form. There is no main trunk and the tree is densely branched, with silvery gray foliage. 5-gal. containers, 5-6 ft., \$1.50; gal. containers, 4-5 ft., 85c; 3-4 ft., 75c; quart containers, 2-3 ft., 50c; flats of 100, \$3.00.

**E. Lehmanni.** "Australian Umbrella." 20 ft. A low-growing, dwarf tree with a thick spreading crown. It will branch clear down to the ground and is excellent for many forms of landscape work. Gal. containers, 3-4 ft., 75c.

**E. leucoxylon rosea.** "Pink Flowering Ironbark." 100 ft. A very large, low-branching tree with a smooth white trunk, from which the bark peels off. The flowers are a lovely pink and the tree is hardy anywhere, from seacoast to desert. 5-gal. containers, 4-6 ft., \$1.50; gal. containers, 3-4 ft., 75c; flats of 100, \$4.00.

**E. rudis.** "Desert Gum." 75 to 100 ft. A valuable species for the cold interior valleys since it is hardy down to 15 degrees. Much used in Arizona and Imperial Valley. A vigorous, rapid-growing erect tree with round leaves when young, lance-shaped when older. 5-gal. containers, 6-8 ft., \$1.75; 5-6 ft., \$1.50; gal. containers, 3-4 ft., 75c each, \$50.00 per 100; qt. containers, 2-3 ft., 40c each, \$3.50 per 10, \$25.00 per 100; flats of 100, \$3.00.

**E. rostrata.** "Red Gum." 120 ft. A rapid grower that endures much heat, severe frost and considerable drought. Widely planted as a forest cover, windbreak and shade tree. 5-gal. containers, 5-6 ft., \$1.50; gal. containers, 3-4 ft., 75c; flats of 100, \$3.00.

**E. sideroxylon rosea.** 40 ft. One of the most beautiful of all Eucalypti, adapted to almost any location, as it is quite hardy. Of moderate size, with masses of delicate pink flowers contrasted with dense silvery-gray foliage, the leaves being long and narrow. 5-gal. containers, 6-8 ft., \$1.75; 5-6 ft., \$1.50; gal. containers, 3-4 ft., 75c; flats of 100, \$4.00.

**E. tereticornis.** "Gray Gum." 150 ft. Thrives under a great variety of conditions, both on the coast and in the desert. Will use plenty of water but does not require it, and stands extremes of heat and cold. Gal. containers, 4-6 ft., 85c; 3-4 ft., 75c; flats of 100, \$3.00.

**E. viminalis.** "Manna Gum." 125 ft. A very hardy variety enduring both heat and cold, and exceeded in rapidity of growth only by the Blue Gum, while it will grow where the latter will not succeed. A beautiful and picturesque tree with long pendulous narrow leaves. Fine for road or windbreak. Gal. containers, 3-4 ft., 75c; flats of 100, \$3.00.

**GREVILLEA. Silk Oak**

**Grevillea robusta.** "Silk Oak." 100 ft. A graceful tree, with fern-like leaves; covered in summer with comb-like golden yellow flowers, 6 inches long. Very drought-resistant and easily grown. 5-gal. containers, 6-8 ft., \$1.75; gal. containers, 4-6 ft., 85c; 3-4 ft., 75c.

**HARPULLIA**

**Harpullia arborea.** 50 ft. For those who want a tree that is new and rare, as well as extremely beautiful in foliage and flower, there can be nothing more desirable than this tree from the South Sea Islands. Has large bright green foliage. The seeds have peculiar large appendages of brilliant red and in the spring it looks like a magnificent great Christmas tree hung with its brilliant red decorations. Plant only in fairly warm situations. 3-4 ft., \$6.00; 2-3 ft., \$5.00.

**JACARANDA**

**Jacaranda mimosaeifolia.** 30 ft. One of the handsomest flowering trees grown in Southern California. Forms a round, symmetrical head of light green, fern-like foliage, and in spring the entire tree is a mass of light violet-blue tubular flowers, borne in clusters. Should not be planted where the temperature frequently goes below 20 degrees. 5-gal. containers, 6-8 ft., \$1.75; gal. containers, 3-4 ft., 75c.



**FLOWERS OF JACARANDA**

Brilliant Blue Blooms and Fern-like Foliage



**FLOWERS OF MAGNOLIA TREE**  
An Old Southern Favorite

**LEUCADENDRON. Silver-Tree**

**Leucadendron argenteum.** "Silver-Tree." South Africa. 30 ft. A very rare and beautiful tree with lance-shaped leaves, 3 to 6 inches long, like silvery-white velvet in texture. The tree looks as though it were completely covered with silver dust. In 7-inch boxes, 3-4 ft., \$5.00.

**LYONOTHAMNUS. Ironwood**

**Lyonothamnus floribundus.** "Catalina Ironwood." 25 ft. A tall, slender tree with long gracefully cut leaves. Native only to Santa Catalina and neighboring channel islands. One of the comparatively rare, little known native California trees, but a beautiful specimen—particularly where height and not breadth is desired. Gal. containers, 1-2 ft., \$1.00; 4-inch pots, 75c.

**MAGNOLIA**

**Magnolia grandiflora.** "Southern Magnolia." 60 ft. The well-known Magnolia of the South, making a large, stately tree in time, although of slow growth. Has beautiful dark green, heavy, shining foliage and in the summer and fall produces its magnificent large pearly-white flowers 6 to 8 inches across, intensely fragrant. A beautiful street or specimen tree. Balled or 5-gal. containers, 6-8 ft., \$3.50; 5-6 ft., \$3.00; gal. containers, 4-5 ft., \$1.25; 3-4 ft., \$1.00; 2-3 ft., 75c.

**M. grandiflora exoniensis.** 15 ft. A dwarf and very rare form, exactly like the above in appearance but blooming while the trees are very small and continuing to produce much larger quantities of the great magnificent white fragrant blooms. Grafted plants, 3-4 ft., \$4.00; 1½-2 ft., \$2.00.

**PARKINSONIA. Jerusalem Thorn**

**Parkinsonia aculeata.** "Jerusalem Thorn." 15 ft. A showy ornamental tree with smooth bright green bark and many feathery reed-like branchlets which take the place of leaves. During early summer is covered with many small bright yellow flowers. Quite hardy and thrives in dry soil, being an excellent tree for desert conditions. 5-gal. containers, 5-6 ft., \$1.50; gal. containers, 3-4 ft., 75c.

**SCHINUS. Pepper Tree**

**Schinus molle.** "California Pepper." 50 ft. This unique and beautiful tree needs no word of comment. It is the admiration and wonder of every visitor. Grows anywhere with a little care. 5-gal. containers, 6-8 ft., \$1.75; gal. containers, 4-6 ft., 85c; 3-4 ft., 75c. Bare root, field grown trees supplied at same prices from January to April.

**S. terebinthifolius.** "Brazilian Pepper." 50 ft. Similar to the above and comparatively little known as yet, but a fine tree. Has larger and longer leaves with scarlet berries. Thrives anywhere from sea to desert. Gal. containers, 4-6 ft., 85c; 3-4 ft., 75c.

**QUERCUS. Oak**

**Quercus agrifolia.** "California Live Oak." 50 ft. The most picturesque trees that grace the landscape of California are the evergreen oaks. This variety is the best known of the native species, with medium sized, spiny-toothed leaves and making a large, dense, handsome tree. Grows rapidly. 5-gal. containers, 6-8 ft., \$2.50; 5-6 ft., \$2.00; gal. containers, 4-5 ft., \$1.00; 3-4 ft., 85c; 2-3 ft., 75c.

**Q. suber.** "Cork Oak." Spain. 50 ft. A splendid evergreen oak with a large round head and upright habit of growth. The bark on the older trees is spongy and deeply furrowed and supplies the cork of commerce. 5-gal. containers, 5-6 ft., \$2.00; 4-5 ft., \$1.50; gal. containers, 3-4 ft., 75c.

**STERCULIA. Bottle Tree**

**Sterculia acerifolia.** "Flame Tree." 50 ft. A wonderful tree, with large, shining, maple-like leaves, producing in the early summer great quantities of small cup-shaped blooms of rich red or scarlet stems. The tree looks like a pyramid of flame when in bloom. Fairly tender. 5-gal. containers, 3-4 ft., \$1.75; gal. containers, 2-3 ft., \$1.00.

**TAMARIX. Athel Tree**

**Tamarix articulata.** "Athel Tree." Western Asia. 30 ft. A fast-growing bushy tree much used as a windbreak during the last few years, in the hot dry sections of the Southwest. Has slender, jointed branches and gray-green foliage. Must be grown from cuttings planted where trees are to remain. Leave only 1 or 2 inches of cutting above ground. Cuttings, 12 in. long, \$3.00 per 100.

**UMBELLULARIA. California Laurel**

**Umbellularia Californica.** "California Laurel." 25 ft. A beautiful native tree, with long narrow dark green leaves, very pungent when crushed. Rather slow growing, but permanent and handsome. In 5-gal. containers, 3-4 ft., \$2.00; gal. containers, 2-3 ft., \$1.00; 1½-2 ft., 75c; 4-inch pots, 60c.

**ULMUS. Evergreen Elm**

**Ulmus parvifolia.** "Evergreen Elm." 25 ft. One of the most beautiful elms in cultivation. A small tree with a spreading crown of slender drooping branches and delicate graceful bright green leaves. Is absolutely evergreen except in very gold sections. 5-gal. containers, 5-6 ft., \$2.00; gal. containers, 3-4 ft., \$1.00; 2-3 ft., 75c.



**CALIFORNIA LIVE OAK**



## Coniferous Evergreen Trees

The Conifers or Cone-bearing Evergreens embrace a wide variety of trees and shrubs, almost all of them with needle or scale-like evergreen foliage, and resistant to low temperatures. Some of the Evergreens commonly grown in the East and North do not stand the warm, dry summers of the Southwest and for that reason we grow primarily those varieties which do best in the West and South.

The larger Coniferous trees are best planted where they will have plenty of room to spread out and in no case should their lower branches be trimmed away, for it ruins the symmetry and natural outlines of the trees.

Nearly all Conifers are field grown and are taken up and shipped with a ball of earth on the roots, such plants being designated as "balled" in the descriptions below.

### ARAUCARIA

**Araucaria bidwilli.** "Bunya-Bunya Tree." 75 ft. An exceedingly handsome tree for a lawn specimen, growing into a perfect pyramid of dark green foliage. Leaves are sharp-pointed, thick and shiny. Boxed, 1½-2 ft., \$2.50; 4-inch pots, 1-1½ ft., \$1.00.

**Araucaria imbricata.** "Monkey Puzzle." 75 ft. An unusual and striking tree, rather slow-growing, with heavy, much divided branches, arranged in symmetrical whorls. The scale-like leaves are dark rich green. 5-inch pots, 1 ft., \$1.00.

### CEDRUS. Cedar

The true Cedars are among the most beautiful evergreen trees and are particularly adapted to almost all of the Pacific Coast region. They make wonderful specimens planted by themselves, but should only be planted in lawns or broad parkways where they have plenty of room to spread out.

**Cedrus Deodara.** "Deodar." 100 ft. A magnificent and stately evergreen conifer of towering pyramidal form from the Himalaya mountains. Foliage beautiful silvery-green. One of the most handsome trees for the lawn or broad parkways. Most rapid grower of all Cedars. Balled, bluish type, 2-7 ft., \$1.00 per ft.; 7-8 ft., \$10.00; boxed, 8-10 ft., \$20.00; 10-12 ft., \$25.00; 16-18 ft., \$40.00.

**C. Libani.** "Cedar of Lebanon." 100 ft. A native of Western Asia, famed in Biblical lore, which makes a tall pyramidal tree resembling the Deodar when mature, but with darker foliage and more open habit. Balled, 5-6 ft., \$5.00; 4-5 ft., \$3.00; 3-4 ft., \$2.50; 2-3 ft., \$1.00; gal. containers, 1½-2 ft., \$1.00.

**C. Atlantica.** "Mt. Atlas Cedar." 100 ft. Similar to C. Libani, but foliage is a lighter bluish-green. Balled, 5-6 ft., \$5.00; 4-5 ft., \$3.00; 3-4 ft., \$2.50; 2-3 ft., \$2.00.

### CEPHALOTAXUS

**Cephalotaxus Harringtonia fastigiata.** "Spiral Plum Yew." 8 ft. A formal upright columnar plant with stiff erect branches and narrow spirally arranged leaves. Resembles Irish Yew. Balled, 2-3 ft., \$5.00; 1½-2 ft., \$3.50.

### CRYPTOMERIA. Plume Cypress

**Cryptomeria japonica elegans.** "Plume Cypress." 12 ft. A low, dense, bushy tree with spreading branches and soft wavy foliage, bright green changing to bronzy red in the fall and winter. Balled, 4-5 ft., \$3.00; 3-4 ft., \$2.50; 2-3 ft., \$1.75.

### CHAMAECYPARIS. Lawson Cypress

**Chamaecyparis Lawsoniana alumi.** "Blue Lawson Cypress." 12 ft. The most popular Lawson Cypress, because of the beautiful metallic silvery-blue color and the symmetrical habit of growth. The branchlets are flattened, are very close together and the plant forms an upright pointed column. It thrives anywhere on the coast and in all but the very hot sections of the interior. Ultimately it reaches 12 feet, but does not reach this size for many years. Balled, 4-5 ft., \$4.00; 3-4 ft., \$3.00; 1½-2 ft., \$1.50.

**C. Lawsoniana argentea variegata.** 4 ft. A graceful little pyramidal dwarf form, with gray-green branches daintily sprinkled with creamy-white branchlets. Fine for rock gardens or shady positions. Balled, 1½-2 ft., \$2.50; 1-1½ ft., \$2.00.



**THE GRACEFUL DEODARA**  
The Finest Coniferous Tree for California



**NARROW IRISH JUNIPER**  
A Slender Dwarf Blue Column

**C. Lawsoniana erecta viridis.** "Green Column Cypress." 8 ft. A symmetrical, compact, pyramidal plant, very regular in outline; similar to *C. alumi* in habit, but rich green in color. Balled, 3-4 ft., \$3.00; 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

**C. Lawsoniana pendula.** "Weeping Cypress." 20 ft. A beautiful tree for specimen planting. Has graceful pendulous branches, with silvery-green foliage. Balled, 2-3 ft., \$2.00.

**C. Lawsoniana wisseli.** 5 ft. An exceedingly handsome dwarf variety, with rich, blue-green foliage, growing into a narrow column. We think it is one of the finest forms of the Lawson Cypress. Balled, 3-4 ft., \$4.00; 2-3 ft., \$3.00; 1½-2 ft., \$2.00.

**C. Nootkatensis glauca.** "Blue Nootka Cypress." 10 ft. A handsome dwarf tree of pyramidal shape with glaucous blue foliage, the branchlets with slightly pendulous tips. Balled, 1½-2 ft., \$2.00.

**CUPRESSUS. Cypress**

Medium sized, dense, bushy evergreens, usually of rapid growth and easy culture, thriving over a wide range. Monterey Cypress and Arizona Cypress are much planted for windbreaks.

**Cupressus arizonica.** "Arizona Cypress." 40 ft. A beautiful bluish-green cypress of narrow pyramidal form from the mountains of Arizona and Northern Mexico. A handsome ornamental tree for hot dry sections and when planted in hedge form makes an excellent thick windbreak. 5-gal. containers, 4-5 ft., \$2.00; 3-4 ft., \$1.75; gal. containers, 2-3 ft., 75c; quart containers, 1-2 ft., 40c each, \$3.00 per 10, \$25.00 per 100; flats of 100 small plants, \$5.00.

**C. glabra.** "Smooth Cypress." 20 ft. Resembles a very fine deep blue type of Arizona Cypress. Symmetrical. Gal. containers, 2-3 ft., \$1.50.

**C. guadalupensis glauca.** "Guadalupe Cypress." 40 ft. From the Guadalupe Islands off the coast of Mexico comes this beautiful Cypress which resembles a very fine Arizona Cypress, with a spreading rounded head of bluish-green foliage. A beautiful tree, almost extinct in its native home. 5-gal. containers, 5-6 ft., \$4.00; 3-4 ft., \$2.50; 2-3 ft., \$2.00.

**C. macrocarpa.** "Monterey Cypress." 40 ft. The well-known picturesque native California cypress. Widely planted and used for hedge, shade trees and windbreaks. It withstands pruning, and may be formed into a low compact or tall hedge. 5-gal. containers, 4-5 ft., \$1.75; 3-4 ft., \$1.50; gal. containers, 2-3 ft., 75c; quart containers, 40c each, \$3.00 per 10, \$25.00 per 100; flats of 100 small plants, \$3.00.

**C. macrocarpa aurea.** "Golden Monterey Cypress." Exactly the same as the above, but the young growth is shaded soft gold. A rare type. 5-gal. containers, 3-4 ft., \$2.50; gal. containers, 1½-2 ft., \$1.50.

**C. sempervirens.** "Italian Cypress." 60 ft. A tall slender tree with erect branches, having a pillar or columnar effect. A useful subject for gateways, arches, tall borders, etc. Our trees are the true narrow type, grown from cuttings. Boxed, 14-16 ft., \$20.00; 12-14 ft., \$15.00; 10-12 ft., \$10.00; tubs, 8-10 ft., \$6.00; 5-gal. containers, 7-8 ft., \$4.00; 6-7 ft., \$3.00; 5-6 ft., \$2.50; balled, 4-5 ft., \$1.50; 3-4 ft., \$1.25; gallon containers, 2-3 ft., 75c.

**JUNIPERUS. Junipers**

The Junipers comprise a large and varying group of small or dwarf trees, including trailing forms which make a spreading mat of green on the ground; wide-spreading, semi-prostrate varieties with horizontal branches; dwarf pyramidal or columnar forms, and good sized trees. They do well everywhere but in the very hot dry sections.

**Juniperus bandai sugi.** 4 ft. A beautiful little dwarf Japanese Juniper, with half-spreading, nodding branches, densely foliaged. Splendid for rock gardens or the edge of pools. Balled, 1½-2 ft., \$2.50.

**J. californica glauca.** "California Juniper." 8 ft. Handsome pyramidal tree of small to medium size. The juvenile foliage is a beautiful silvery bluish-green, becoming darker as the plant becomes larger. Unaffected by heat, cold or drought. Balled, 3-4 ft., \$3.00; 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

**J. chinensis columnaris.** "Column Chinese Juniper." 10 ft. A comparatively new and rare introduction from China, forming a tall, narrow pyramid, with extremely blue compact foliage. One of the finest new conifers we list. Balled, 5-6 ft., \$6.00; 3-4 ft., \$3.50; 2-3 ft., \$2.50.

**J. chinensis femina.** 15 ft. A small, loosely pyramidal tree, with slender, horizontal branches drooping at the tips, and light green foliage. Boxed, 10-12 ft., \$20.00; balled, 3-4 ft., \$2.50; 2-3 ft., \$2.00.

**J. chinensis mascula.** "Pyramidal Chinese Juniper." 20 ft. Similar to the above but more dense and compact with darker blue-green foliage. A fine, medium sized, fast-growing pyramidal tree. Boxed, 8-9 ft., \$12.50; balled, 7-8 ft., \$7.50; 6-7 ft., \$6.00; 5-6 ft., \$4.00; 3-4 ft., \$2.50; 2-3 ft., \$2.00.



**JUNIPER SABINA TAMARISCIFOLIA**  
Very Effective for Corners and Foregrounds

**J. chinensis Pfitzeriana.** "Pfitzers Juniper." 8 ft. One of the finest Junipers in cultivation. Has bushy widespread horizontal branches, and forms an immense flat irregular head of bluish-green foliage, graceful in outline, 6 to 8 feet in height and the same across. Boxed, 5-6 ft. spread, \$10.00; balled, 4-5 ft. spread, \$5.00; 3-4 ft., \$3.50; 2-3 ft., \$2.50; 1½-2 ft., \$2.00.

**J. chinensis procumbens.** "Trailing Chinese Juniper." A prostrate creeping variety with dense compact blue-green foliage. Very hardy. Balled, 3-4 ft., \$4.00; 2-3 ft., \$3.00; 1½-2 ft., \$2.50; 1-1½ ft., \$1.75.

**J. communis ashfordi.** "Ashford Juniper." 8 ft. A tall but not very narrow column of bluish-green foliage. Quite dense and compact. Hardy almost anywhere. Balled, 3-4 ft., \$3.00; 2-3 ft., \$2.50; 1½-2 ft., \$1.75.

**J. communis depressa.** "Prostrate Juniper." A handsome low growing Juniper, rarely exceeding 3 feet in height, but attaining a spread of 12 to 15 ft. Dense, silvery, bluish-green foliage. Balled, 2-3 ft., \$2.50; 1½-2 ft., \$2.00.

**J. communis depressa plumosa.** A new and exceptionally fine low-growing prostrate Juniper. Its spreading branches are seldom more than 18 inches off the ground. During spring and summer, it is bright green in color, changing in winter to a rich purple-bronze of an exceedingly rich shade. Balled, 2-3 ft., \$3.00; 1½-2 ft., \$2.50.

**J. excelsa stricta.** "Greek Juniper." 6 ft. A dwarf compact shrub, conical in form with grayish-green glaucous foliage. Grows slowly. Balled, 4-5 ft., \$5.00; 3-4 ft., \$3.50; 2-3 ft., \$2.50; 1½-2 ft., \$1.75.

**J. hibernica fastigiata.** "Narrow Irish Juniper." 8 ft. A very beautiful form, growing slowly; shape very narrow and erect like Italian Cypress, and glaucous blue-green in color. A very attractive conifer for using near columns and doorways, where great height is not desired. Balled, 3-4 ft., \$3.00; 2-3 ft., \$2.50; 1½-2 ft., \$1.75.

**J. sabina.** "Savin Juniper." A semi-spreading shrub attaining a height of 6 to 8 ft. and about the same width. Can be pruned lower and branches trained to any form desired. Foliage very dark green. Balled, 3-4 ft., \$3.50; 2-3 ft., \$2.50; 1½-2 ft., \$1.75; 1-1½ ft., \$1.25.

**J. sabina tamariscifolia.** A very fine creeping Juniper seldom more than one foot high and attaining a spread of 6 or 8 feet, making a dense, compact mat of gray-green foliage which never changes color. Balled, 3-4 ft. spread, \$4.00; 2-3 ft., \$3.00; 1½-2 ft., \$2.00; 1-1½ ft., \$1.50.

**J. virginiana corymbosa.** 8 ft. A semi-dwarf, picturesque plant, with an irregular upright habit, and densely crowded, tufted branches, deep green in color. Of slow growth. Balled, 3-4 ft., \$5.00; 2-3 ft., \$3.50.

**J. virginiana glauca.** "Silver Cedar." 10 ft. A beautiful small pyramidal tree of vigorous growth with bright silvery-blue foliage. Balled, 4-5 ft., \$4.00; 3-4 ft., \$3.00; 2-3 ft., \$2.00.

**J. virginiana Kosteri.** "Koster Redcedar." Forms a semi-dwarf open bush, with spreading, gracefully arching stems 2 to 3 feet tall, marine blue in color. Balled, 2-3 ft., \$2.50.

**J. virginiana tripartita.** "Fountain Juniper." 6 ft. A sturdy, heavy stemmed, semi-spreading, dwarf evergreen, with angular, irregular branches, as wide as it is high. Balled, 1½-2 ft., \$1.75.

### LIBOCEDRUS

**Libocedrus decurrens.** "Incense Cedar." 25 to 50 ft. A native of the California mountains and one of our finest evergreen trees. Makes a tall, narrow, pyramidal or columnar tree with deep green lustrous foliage, very dense and compact. A wonderful tree for general planting. Field grown, 5-6 ft., \$4.00; 4-5 ft., \$3.00; 3-4 ft., \$2.50; 2-3 ft., \$2.00.

**L. decurrens compacta.** "Globe Incense Cedar." 8 ft. Has the same foliage as *Libocedrus decurrens*, but makes a dense, compact, perfectly round globe. One of the finest dwarf specimen evergreens, originating in our nurseries several years ago. Balled, 1½-2 ft., \$2.50; 1-1½ ft., \$2.00.

### PICEA. Spruce

**Picea pungens.** "Colorado Blue Spruce." The famous Spruce from the Rocky Mountains, compact and pyramidal, silvery-white foliage. Gal. containers, 1 ft., \$1.00.



**LIBOCEDRUS (INCENSE CEDAR)**  
Magnificent Tree from the California Mountains

### PINUS. Pine

**Pinus Canariensis.** "Canary Island Pine." 80 ft. One of the most beautiful and permanent of all pines for California. Extremely long needles in large tufts. The new growth is silvery white. Extremely fast growing. Balled, 5-6 ft., \$4.00; 4-5 ft., \$3.00; 3-4 ft., \$2.00; gal. containers, 2-3 ft., 75c.

**P. Coulteri.** "Big Cone Pine." Southern California. 75 ft. A native California variety with stout branches, pendulous below and ascending above, forming a loose pyramidal head. Needles very long and cones extremely large and ornamental. Does well in all parts of California and is very picturesque. Balled, 3-4 ft., \$2.50; 2-3 ft., \$2.00; gal. containers, 1½-2 ft., 75c.

**P. halepensis.** "Aleppo Pine." 50 ft. A rapid growing pine suitable for quick effects and excellent for covering hillsides. Has dark green foliage and is very handsome when young, but gets straggly when mature. Balled, 5-6 ft., \$3.00; 4-5 ft., \$2.50; 3-4 ft., \$2.00; gal. containers, 2-3 ft., 75c; flats of 100 small plants, \$7.50.

**P. pinea.** "Stone Pine." A very picturesque tree growing to 80 feet with long, horizontally spreading branches. When the tree becomes older, the lower branches disappear and a broad umbrella shape is developed. Has edible seeds. Broad bushy specimens, boxed, 6-7 ft., \$10.00; balled, 3-4 ft., \$2.50; gal. containers, 2-3 ft., 75c.

**P. radiata.** "Monterey Pine." 60 ft. The well-known native species. A handsome tree with bright green foliage and bushy habit when young. The fastest grower of all pines. Valuable for quick effect. Boxed, 14-16 ft., \$15.00; balled, 5-6 ft., \$3.00; 3-4 ft., \$2.00; gal. containers, 2-3 ft., 75c.

**P. Torreyana.** "Torrey Pine." 40 ft. A rare and picturesque tree of irregular shape, native of the Southern California Coast. Makes a beautiful tree under cultivation. Balled, 6-7 ft., \$5.00; 5-6 ft., \$4.00; gal. containers, 3-4 ft., \$1.50.

### PODOCARPUS

**Podocarpus elongatus.** "Fern Pine." 15 ft. A bushy tree of medium size with soft, finely divided light green foliage. Will grow in sun or shade, and is not particular as to climate or soil. Balled, bushy, 3-4 ft., \$2.50; gal. containers, 2-3 ft., \$1.00.

## PSEUDOTSUGA. Douglas Fir

**Pseudotsuga Douglasi.** "Douglas Fir." The famous timber tree of the Pacific Northwest, thousands of which are cut for Christmas Trees each year. Gal. containers, 1-1½ ft., \$1.00.

## RETINISPOEA

**Retinispora decussata.** 10 ft. A tall, quite narrow, loosely branched tree with soft gray-green foliage. Grows rapidly and forms a narrow column with an informal outline. Balled, 6-7 ft., \$4.00; 5-6 ft., \$3.00; 4-5 ft., \$2.50; 3-4 ft., \$2.00.

**R. leptoclada.** 8 ft. A dense roundheaded bush, bright green in summer, changing to steely bronze color in winter. Because of this unique color and its symmetrical shape, a very attractive shrub. Balled, 3-4 ft., \$2.00; 2-3 ft., \$1.50.

**R. obtusa Crippsi.** 6 ft. A beautiful and rare species of the Japanese Hinoki Cypress with graceful arching flattened, fern-like foliage, dark green, shading to bright gold at the tips. Of small size and prefers partial shade. Bushy plants, balled, 2-3 ft., \$3.00; 1½-2 ft., \$2.50; 1-1½ ft., \$1.75.

**R. plumosa.** "Plume Retinispora." 6 ft. A dwarf plant of conical outline, with deep green, fern-like foliage. Best near the coast. Balled, 1-1½ ft., \$1.50.

## SEQUOIA

**Sequoia gigantea.** "Giant Sequoia." The famous Big Tree of the Sierras, California's noblest native tree. A trim sturdy tree when young with pale blue-green foliage. Grows fairly rapidly, is beautiful at all ages and makes a majestic specimen for posterity. Established in containers, 5-6 ft., \$15.00; 4-5 ft., \$10.00; 3-4 ft., \$7.50; 2-3 ft., \$5.00.

**S. sempervirens.** "Redwood." 150 ft. The well-known California Redwoods are among the largest and most picturesque trees known. They form handsome specimens, unexcelled for avenue, park and garden. 5-gallon containers, 5-6 ft., \$2.50; 4-5 ft., \$2.00; gal. containers, 3-4 ft., \$1.00; 2-3 ft., 75c.

## TAXODIUM. Bald Cypress

**Taxodium distichum.** "Bald Cypress." 40 ft. One of the few conifers which loses its leaves in the winter. A tall, spreading tree of symmetrical growth, with delicate, feathery, light green foliage, similar to that of the Redwood. Balled, 4-5 ft., \$2.00; 3-4 ft., \$1.50; gal. containers, 3-4 ft., \$1.00.

**Taxodium mucronatum.** "Montezuma Cypress." 60 ft. A beautiful large evergreen tree from the forests of Mexico. It has graceful fine cut aromatic foliage resembling that of the Redwood and its habit is also like that of the Redwood except that the tree spreads out more. Quite rare in cultivation and a beautiful specimen tree. Balled, 5-6 ft., \$2.50; 4-5 ft., \$2.00; gal. containers, 3-4 ft., \$1.00.

## TAXUS. Yew

**Taxus baccata erecta.** "Broom Yew." 12 ft. Makes a narrow, compact column similar to Irish Yew but grows faster. Balled, 2½-3 ft., \$5.00.

**Taxus hibernica.** "Irish Yew." The well-known narrow columnar Yew of slow growth, so much prized for formal decoration. 2-3 ft., \$4.00.

**T. baccata Washingtoni.** "Washington Yew." A widespreading Yew, thick and bushy, with a beautiful golden shading on the leaves, particularly brilliant in the spring. Balled, 18-24 in., \$3.00.

## THUYA. Arborvitae

These symmetrical, compact, hardy evergreens have dense flat branches and are usually pyramidal in habit. They are usually quite dwarf, although the different species vary in height. For formal gardens, for corners of walks, and for flanking entrance ways they are appropriate.

**Thuja beverleyensis.** "Golden Column Arborvitae." 15 to 20 ft. The tallest and stateliest of the Chinese Arborvitae, growing into a narrow column of golden green foliage, particularly effective for specimen planting or for framing a doorway. A noble and beautiful conifer, and for a formal effect, we know of nothing finer. It should be planted where it will get full sunshine, in order to bring out the rich golden color. Balled, 10-12 ft., \$20.00; 9-10 ft., \$12.50; 8-9 ft., \$10.00; balled, 7-8 ft., \$6.00; 6-7 ft., \$5.00; 5-6 ft., \$4.00; 4-5 ft., \$3.00; 3-4 ft., \$2.50.

**T. beverleyensis Green.** Exactly the same as the above but deep dark green in color. This variety, originating in our nurseries, is unequalled for a rapid growing, tall, deep green column. Balled, 6-7 ft., \$5.00; 5-6 ft., \$4.00; 3-4 ft., \$2.50.

**T. bonita.** 5 ft. The most perfect dwarf broad cone-shaped Arborvitae, with rich dark green foliage. Balled, 2½-3 ft., \$3.00; 2-2½ ft., \$2.50; 1½-2 ft., \$2.00.

**T. elegantissima.** "Golden Pyramid Arborvitae." 12 to 15 ft. Somewhat similar to the Beverleyensis, but not as tall, with a broader, more bushy base. The green foliage is tipped with an attractive golden bronze during most of the year, becoming bright yellow in the spring. Balled, 9-10 ft., \$20.00; 8-9 ft., \$12.50; balled, 7-8 ft., \$7.50; 6-7 ft., \$5.00; 5-6 ft., \$4.00; 4-5 ft., \$3.00; 3-4 ft., \$2.50.

**T. orientalis.** "Chinese Arborvitae." 12 ft. A medium-sized conifer with bright olive green foliage forming a dense broad pyramid. Balled, 4-5 ft., \$4.00; 3-4 ft., \$3.00; 2-3 ft., \$2.00.

**T. orientalis aurea nana.** "Berckman's Dwarf Ever-golden Arborvitae." 6 ft. Of dwarf habit, compact and symmetrical, almost globular as it gets older. All the branchlets are tipped with a bright golden tint, which is held all through the year. Can be used as a porch plant in tubs for a limited time and then planted out. Make excellent lawn specimens. Balled, 3-4 ft., \$5.00; 2½-3 ft., \$3.50; 2-2½ ft., \$2.50; 1½-2 ft., \$1.50; 1-1½ ft., \$1.25; 8-12 in., \$1.00.

**T. Pyramidalis.** 15 ft. Of upright narrow columnar habit, with dense foliage, bright green at all times. A valuable and effective tall-growing evergreen for formal effect. Balled, 7-8 ft., \$6.00; 6-7 ft., \$4.00; 5-6 ft., \$3.00; 4-5 ft., \$2.00; 3-4 ft., \$1.75.

**T. Ramseys Hybrid.** 15 ft. A heavy, dense, dark green column of thread-like foliage, growing more rapidly than any other conifer in our list. Not affected by heat or drought. Balled, 9-10 ft., \$20.00; balled, 5-6 ft., \$4.00; 4-5 ft., \$3.00; 3-4 ft., \$2.00.

**T. Rosedale Hybrid.** 8 ft. A neat, compact little shrub of rounded outline, with soft bluish-green foliage. Fine when young but liable to spread open as it gets older. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

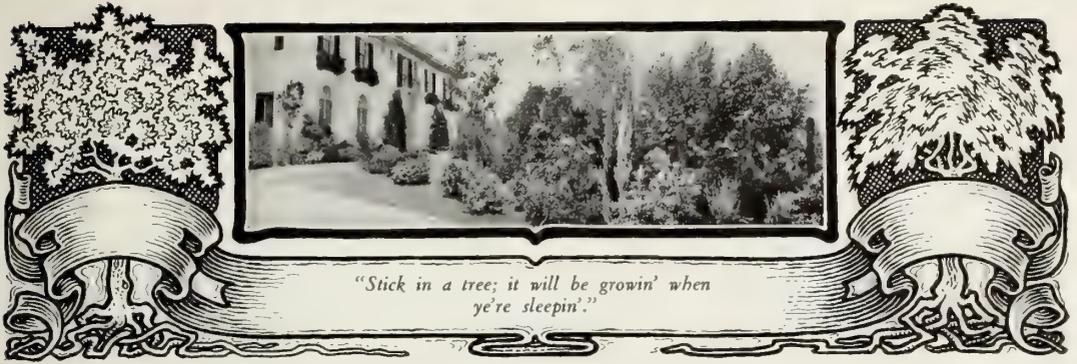
**T. occidentalis globosa.** "Globe Arborvitae." A bushy, compact globe of green, absolutely round and dwarf. Balled, 1½-2 ft., \$2.00; 1-1½ ft., \$1.50.

## THUYOPSIS

**Thuyopsis dolabrata variegata.** 3 ft. A little dwarf plant with flattened frond-like branchlets, in color a mixture of light green and cream. Requires full or partial shade, with plenty of moisture. Balled, 1½-2 ft., \$2.00; 4-inch pots, 75c.



**DWARF EVERGREEN ARBORVITAE**  
A Living Globe of Gold and Green



## Select Evergreen Garden Shrubs

Evergreen shrubs are the basis of all ornamental planting on the Pacific Coast, and all of the most valuable varieties, large and small, will be found in the following section. While foliage is the prime factor in evergreen shrubs, many plants are also desirable for their beautiful flowers and berries.

When 10 or more of one variety of Evergreen Shrubs are ordered, all plants priced at 75c each will be sold at \$6.50 per 10, and all plants priced at 50c will be sold at \$4.00 per 10.

It is impossible for us to list in our catalog all sizes of trees and shrubs we have in stock, or even all varieties, and if customers who do not find listed sizes and varieties wanted will write us concerning their wants, we will take pleasure in quoting and fully describing what we have. A visit to our sales-yard will offer planters a chance to see many large specimen plants in containers not listed herein.

The gallon and 5-gallon containers mentioned in the description are of tin, and weigh about 9 and 50 pounds each, respectively. The 4-inch clay pots weigh not over 4 pounds.

### ABELIA

*Abelia grandiflora*. 6 ft. California plantings would look bare without the Abelia, for its small, shiny, bronzy-green foliage and arching stems clothed with clusters of little fragrant rosy-white flowers borne almost continually make it exceedingly valuable, and it is suitable for mass or for ground planting in either full sun or partial shade. Balled, 4-6 ft., \$2.00; 3-4 ft., \$1.50; gallon containers, 2-3 ft., 50c; 4-inch pots, 35c.

### ABERIA. Kei Apple

*Aberia caffra*. "Kei Apple." South Africa. 10 ft. A tall growing shrub with rich green foliage, and long stiff thorns. It bears a bright golden yellow, edible fruit about 1 inch in diameter. Gallon containers, 2-3 ft., 75c; 4-inch pots, 50c.

### ABUTILON. Flowering Maple

*Abutilon striatum*. "Flowering Maple." 6 ft. An open bush with small maple-like leaves from which hang at most seasons of the year, lovely orange bell-shaped flowers. Prefers partial shade. Gallon containers, 75c; 4-inch pots, 50c.

*A. coolidgei*. 6 ft. A new and very attractive Abutilon, with bright scarlet flowers. Gallon containers, 1-2 ft., 75c.

*A. megapotamicum*. 6 ft. The flowers, 2 to 3 inches long on short drooping stalks, are lemon-yellow, with a bright red calyx. A beautiful cover for wall or fence. Gallon containers, 1½-2 ft., 75c; 4-inch pots, 50c.

### ARBUTUS. Strawberry Tree

*Arbutus unedo*. "Strawberry Tree." 10 ft. A bushy spreading, medium sized shrub with rich green foliage very similar to California Holly. Has many delightful little pearly white bell-shaped flowers in summer, followed by clusters of brilliant red strawberry-like fruits, ripening about Christmas time. A beautiful shrub and very hardy, as it stands heat, cold and drouth. Balled, bushy, 2-3 ft., \$2.50; 1½-2 ft., \$2.00; gallon containers, 1-2 ft., 75c.

### ASYSTASIA

*Asystasia bella*. South Africa. 8 ft. A beautiful shrub of luxuriant appearance with glossy green foliage and showy lavender blue flowers in clusters. Fairly tender and likes a shady position. Gallon containers, 2-3 ft., 75c; 4-inch pots, 50c.

### AUCUBA

*Aucuba japonica variegata*. "Gold Dust Plant." 6 ft. Showy bushy plants with large glossy green leaves, dotted with gold. The bark is green and the berries are large and red. Best in shade. 6-inch pots, 1½-2 ft., \$1.25; 5-inch pots, 1-1½ ft., \$1.00.

### AZALEA

*Azalea Hinodigiri*. 3 ft. Low, much branched little shrub covered in spring with brilliant crimson flowers. Best in sheltered locations. Balled, 1½-2 ft., \$3.00.

### AZARA

*Azara microphylla*. Chile. 8 ft. A graceful shrub with arching pendulous branches and small, round glossy-green leaves. Fine for reclining against walls or fences. 5-gallon containers, 3-4 ft., \$1.50; gallon containers, 2-3 ft., 75c.



### ARBUTUS UNEDO

Fruit, Flowers and Foliage of the Strawberry Tree

## BELOPERONE

**Beloperone tomentosa.** 4 ft. A rare and interesting little shrub, with drooping racemes of rosy-purple flowers, very odd in form. Fairly tender. Gallon containers, 1½-2 ft., \$1.00; 4-inch pots, 75c.

## BERBERIS. Barberry

**B. Darwinii.** "Darwin's Barberry." Chile. 5 ft. A highly ornamental small shrub with slender branches. Leaves small, rich, glossy green; in winter season leaves turn bright red. Golden yellow flowers of spring are followed by purple berries; leaves small and holly-like. Balled, 1½-2 ft., \$1.50; 1-1½ ft., \$1.25; gallon containers, 1-1½ ft., 75c; 4-inch pots, 50c.

**B. elegans.** Himalayas. 6 ft. A handsome spreading shrub with slender branches and elongated grayish leaves of small size. Violet colored berries blue-black berries. Gallon containers, 1-2 ft., 75c; Gallon containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**B. gagnepainii.** China. 6 ft. A bushy plant with arching branches and long toothed, glossy green leaves wavy at the margins, orange flowers, and blueberries. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**B. pruinosa.** China. 6 ft. One of the best of the evergreen Barberries. A shapely plant, fairly fast growing, with long spiny-toothed leaves, yellow flowers and bluish-black fruit. 5-gallon containers, bushy, 1½-2 ft., \$1.75; gallon containers, 1-1½ ft., 75c; 4-inch pots, 50c.

**B. Thunbergii.** "Japanese Barberry." 4 ft. A low-growing, very hardy deciduous shrub with small leaves, which turn scarlet in the fall. Bears beautiful bright red berries. In California almost evergreen. Gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**B. thunbergii atropurpurea.** "Red-Leaved Japanese Barberry." 4 ft. Similar to the preceding, but the leaves at all times are purplish-red in color. Gallon containers, 1-2 ft., 75c; 4-inch pots, 50c.

**B. Wilsonae.** China. 4 ft. A hardy handsome shrub, with small gray-green foliage, turning to a brilliant reddish bronze in the fall. Flowers golden yellow, in dense clusters; berries in fall, salmon-red. Gallon containers, 2-3 ft., 75c; 4-inch pots, 50c.

## BUDDLEIA

**Buddleia asiatica.** "Butterfly Bush." China. 8 ft. A fast-growing plant with silvery green foliage, bearing in the winter, many slender spikes of deliciously fragrant white flowers, 3 to 6 inches long. Gallon containers, 3 to 4 ft., 50c.

**B. madagascariensis.** 15 ft. Madagascar. A good half-climbing, fast-growing shrub with broad dark green leaves and fragrant coppery-orange flowers. Will cover an unsightly object quickly. Gallon containers, 3 to 4 ft., 50c.

**B. superba.** "Summer Lilac." China. 8 ft. A fast-growing, spreading shrub; remarkable for the long panicles of fragrant rose-purple flowers borne in great profusion in the late summer. In gallon containers, 3 to 4 ft., 50c.

## CHOISYA. Mexican Orange

**Choisya ternata.** "Mexican Orange." 6 ft. Leaves bright, glossy green. Blooms are snow-white, sweetly scented, produced abundantly in spring, resembling orange blossoms. A dense globular shrub. Balled, 2-3 ft., \$1.75; 1½-2 ft., \$1.25; 4-inch pots, 50c.

## FOUR OUT OF THE ORDINARY FLOWERING SHRUBS

### BOUVARDIA

**Bouvardia.** A valuable little flowering plant for all but the coldest sections. They are valued chiefly for their dainty, long, tubular flowers in clusters. They like plenty of sunshine but not too hot a location. All of the following varieties in gallon containers at \$1.00 each, or in 4-inch pots at 75c.

**Humboldtii.** Very fragrant with white flowers.

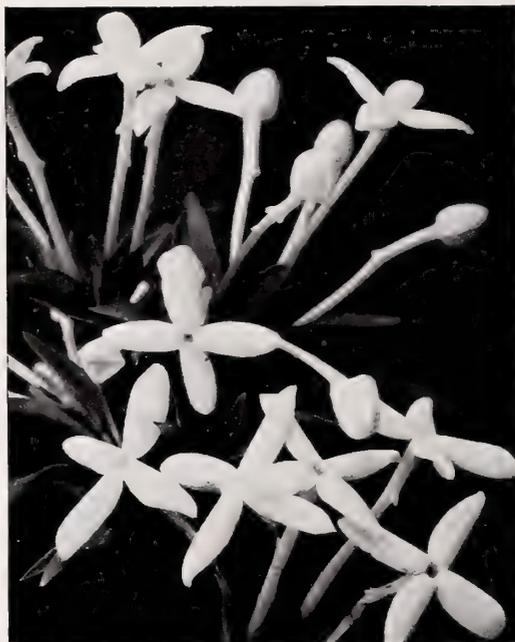
**Coral Gem.** Rich coral-pink; in large clusters.

**Light Pink.** Rich hydrangea-pink.

**Dark Rose Pink.** The deepest shade in Bouvardias.

### BORONIA

**Boronia elatior.** 4 ft. A brilliant spring flowering shrub from Australia, the branches densely covered with beautiful little flowers of rich brownish-red, with the added charm of a most delicious perfume. Slightly tender. Gallon containers, 1-1½ ft., \$1.00; 4-inch pots, 75c.



### BOUVARDIA HUMBOLDTI

Intensely Fragrant Blooms of Snowy White

When 10 or more of one variety of Evergreen Shrubs are ordered, all plants priced at 75c each will be sold at \$6.50 per 10, and all plants priced at 50c will be sold at \$4.00 per 10.

### BUXUS. Box.

**Buxus japonica.** "Japanese Box." 2 to 4 ft. A beautiful shrub of low, dense, compact growth, much used as trimmed specimens for porch and garden decorations. A lighter green than Buxus sempervirens. Trimmed pyramids, balled, 2-2½ ft., \$3.50; 1½-2 ft., \$2.50; trimmed globes, 15-18 inches, \$2.50; 12-15 inches, \$2.00 (in green redwood tubs, \$1.25 additional); gallon containers, 1½-2 ft., 75c; 4-inch pots, 50c each, \$30.00 per 100; flats of 100, 6-10 inches, \$4.00.

**B. sempervirens.** "English Boxwood." Because of its extremely slow growth and rich, deep green foliage which can be made extremely dense by pruning, this plant is highly valued for a low hedge; and can also be trimmed into a specimen plant for porch or lawn. Gallon containers, 1-1½ ft., 75c; 4-inch pots, 50c; flats of 100, 5-7 inches, \$5.00.

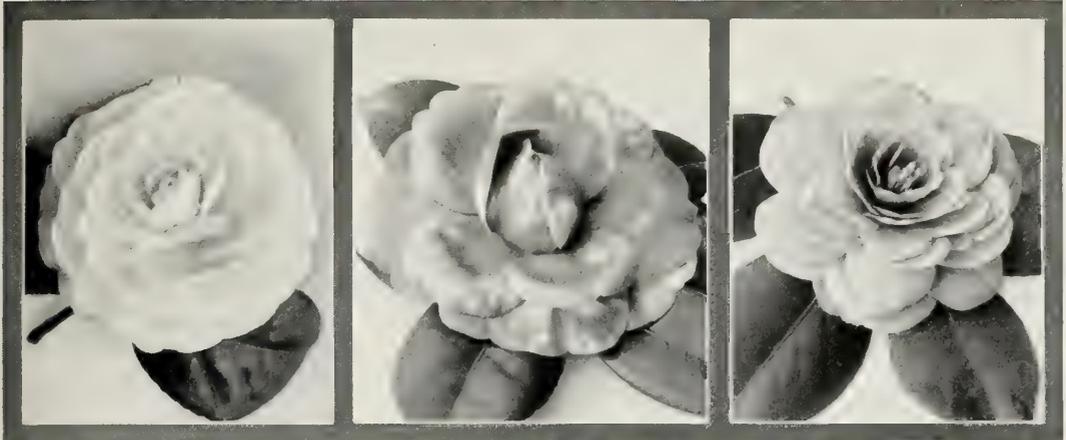
**B. sempervirens suffruticosa.** "Dwarf Box." 2 ft. An extremely dwarf form. Foliage small, dense and dark. 4-inch pots, 75c; flats of 100, 3-5 in., \$7.50.

### DOMBEYA

**Dombeya Wallichii.** 15 ft. From far-off Madagascar comes this marvelously beautiful flowering plant with great heart-shaped leaves six or eight inches across, forming a heavy canopy of foliage under which hang on pendulous thread-like stems great clusters of deep coral-pink flowers. Does splendidly in California where the temperature does not go below 25 degrees. Gal. containers, 1 to 2 feet, \$1.25.

### LEUCOPHYLLUM

**Leucophyllum texanum.** 6 ft. A most excellent shrub, native of Texas, with soft, silvery foliage, which makes a lovely background for the bright violet-blue flowers. Grows easily, requires little care and little water, and supplies the need for a blue-flowered plant. Gal. containers, 1½-2 ft., 75c;



PINK PERFECTION

REINE DES FLEURS  
Three of the Finest Camellias

ROSITA

## Armstrong Superb Camellias

The exquisite waxy flowers of the *Camellia japonica* never fail to draw constant admiration when they unfold during the winter months. They are so perfectly and exquisitely molded, so waxy and delicate in texture, and so beautifully tinted, that they are the center of attention whenever they appear. And the plant itself is handsome, with its compact shape of rich dark evergreen foliage forming a perfect setting for the bright colored flowers.

Camellias are not difficult to grow, requiring only a good well-drained soil and a partially shaded position, usually with an east or north exposure. In very heavy soils a little peat moss mixed in with the soil will provide better drainage and give better results. They thrive readily on the Pacific Coast, except in very dry sections. We have probably the largest stock of Camellias on the Pacific Coast and are growing more named varieties than any other firm in this country, although offering but a few this season.

### Six Choice Camellias

Most of these varieties have been offered by us previously and all are among the finest Camellias.

**Cheerful.** Bright rosy red when it opens, deep rich pink when fully blown. Flowers medium size, very double.

**Alba plena.** Pure white, very double flowers rather small in size but beautifully shaped.

**Pink Perfection.** This one is a favorite with everybody. Its very double, medium size flowers of delicate light pink are very charming indeed. Blooms very heavily early in the winter. One of the strongest and most vigorous growers among Camellias.

**Purity.** Its name describes it. Very large flowers usually four inches in diameter, being snowy, spotless white, with enormous petals. The flowers are double but have an open center, showing a cluster of yellow stamens.

**Rosita.** Very double, medium size flowers of bright, uniform, rose pink, the petals delicately veined and arranged in a symmetrical rosette-like form. Blooms late. A large, strong, bushy grower.

**Tricolor.** The large four inch, semi-double flowers on the same bush may be entirely red, or entirely white, but usually are a mixture of the two colors. Quite double with large petals, but shows the golden stamens in the center when fully opened.

**Special Offer.** One each of the above six choice Camellias, balled, 18-24 inches, for \$21.00.

One each of the above six choice Camellias in 4-inch pots, for \$5.25.

Price on above six Camellias: in 4-inch pots, \$1.00; balled, 1½-2 ft., \$4.00; balled, 2-2½ ft., \$6.00; 2½-3 ft., \$7.50. Boxed specimens in the two larger sizes in bloom from December to March \$1.00 per plant additional. Extra large, bushy specimens of Pink Perfection, 3-4 ft., \$15.00.

### New and Rare Camellias

The following varieties are very scarce in this country, and so far as we know, are not cataloged by any other firm. Every variety has great charm and beauty, and it is with a great deal of pleasure that we offer them this year for the first time.

**Auguste Delfosse.** Bright orange-scarlet, with darker stripes down the center of the petals.

**Chandleri Elegans.** One of the most famous and most prized Camellias. Extremely large flowers often six inches across, light rose pink in color, with a dense cluster of many small petals in the center. Of comparatively slow growth.

**Compte de Gomer.** Very double, many petaled flowers of soft rose, beautifully striped with crimson. Outside petals beautifully imbricated with a rosette of small petals in the center.

**Duc de Bretagne.** A semi-double flower opening out flat and showing the stamens. Clear light red blotched with white. There is a charm and simplicity about the single and semi-double varieties, exemplified in this kind.

**Fanny Bolis.** Beautiful large white flowers splashed with deep crimson; quite double.

**Jordans Pride.** A very large flower with very large petals of light rose pink, with a broad irregular border of white around the edge of each petal. Unlike most Camellias, this variety has a very pleasant, sweet fragrance.

**Nobilissima.** We consider this to be one of the finest white Camellias. It is a pure snowy white, with no other coloring, and has a tuft of many small petals in the center surrounded by a number of large petals.

**Reine des Fleurs.** A flower of perfect symmetry, rich vermilion-red flaked with white. Very double.

Prices on above rare Camellias: balled, 1½-2 ft., \$10.00; 2-2½ ft., \$12.50; 2½-3 ft., \$15.00.



**FLOWERS OF FREMONTIA**

**CALLISTEMON. Bottle Brush**

**Callistemon regidum.** Pacific Islands. 10 ft. Commonly known as "Bottle Brush." The beauty of these plants lies in their long, red anthers, which, projecting along the stem, form a cylindrical flower similar in shape to a bottle brush. Hardy and of rapid growth, thriving even in alkali soil. 5-gallon containers, 3-4 ft., \$1.50; gallon containers, 2-3 ft., 75c; 4-inch pots, 50c.

**CASSIA**

**Cassia artemesoides.** Australia. 8 ft. A pretty shrub with finely cut silvery-gray foliage and clear yellow, sweet-scented flowers; will stand any amount of drouth. Gallon containers, 2 to 3 ft., 75c; 4-inch pots, 50c.

**Cassia floribunda.** Argentina. 6 to 10 ft. Very fast growing with bright green divided leaves and clusters of bright yellow pea-like flowers during summer and autumn. Should be given plenty of room. In gallon containers, 3 to 4 ft., 75c.

## NATIVE CALIFORNIA PLANTS FOR YOUR GARDEN

**CEANOTHUS. California Lilac**

In the springtime the California foothills and mountain canyons are glorious to behold because the landscape is massed with the delicate blue flowers of the California Lilac or Buckthorn, and the air is scented with their sweet perfume. The beauty of these plants may just as well be enjoyed in the garden, and because of their rapid growth and because they will grow in comparatively dry soil, they should be used more frequently in our ornamental plantings. Although there are many varieties, the three we list are among the very best, all of them with the blue flowers so much desired.

**Ceanothus arboreus.** 8-15 ft. A large vigorous shrub, with two-toned leaves, dark green above and silvery beneath. The foliage is much larger than the other Lilacs. It will stand more water than the other varieties, and is a native of Catalina Island. Gal. containers, 1 to 2 ft., 75c.

**C. cyaneus.** 5-10 ft. Possesses the deepest shade of blue and the greatest fragrance. The glory of the garden during its blooming period. Gal. containers, 1 to 2 ft., 75c.

**C. thyrsoiflorus.** 4-8 ft. An exceedingly fast grower, with greater resistance to drouth than most other varieties, and is excelled by none in the profusion of its pale blue, sweetly perfumed flowers. Gal. containers, 1 to 2 ft., 75c.

When 10 or more of one variety of Evergreen Shrubs are ordered, all plants priced at 75c each will be sold at \$6.50 per 10, and all plants priced at 50c will be sold at \$4.00 per 10.

**CESTRUM**

**Cestrum aurantiacum.** "Orange Cestrum." Guatemala. 8 ft. A tall slender bush bearing on top in loose nodding clusters tubular flowers of orange yellow. The plant is semi-reclining and should have a wall or fence to lean against. In gallon containers, 2 to 3 ft., 75c; 4-inch pots, 50c.

**C. elegans smithi.** "Pink Cestrum." 8 ft. Similar to the above, but with clusters of rose-pink flowers. Gallon containers, 2-3 ft., 75c; 4-inch pots, 50c.

**C. nocturnum.** "Night-Blooming Jessamine." 6 ft. West Indies. A fast-growing, tender shrub, with many creamy-yellow flowers, very fragrant at night. Gallon containers, 1-1½ ft., 75c.

**CHORIZEMA**

**Chorizema ilicifolia.** Australia. 3 ft. An attractive shrub with slender drooping branches, holly-like leaves and orange red drooping in loose racemes. It makes a low, dense mat of foliage and blooms throughout the winter and spring. In gallon containers, 1-2 ft., 75c; 4-inch pots, 50c.

**CISTUS. Rockrose**

**Cistus ladaniferus maculatus.** "Brown-eyed Rockrose." Spain. 3 ft. Low and spreading, and every morning in the spring and summer it is covered with pure white flowers, three inches across, with golden stamens in the center and a blotch of brownish crimson at the base of each petal. Likes full sun. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**C. villosus.** "Purple Rockrose." Greece. 4 ft. More upright than the above, with downy grayish-green leaves and bright rosy-purple flowers. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**COCCULUS**

**Cocculus laurifolia.** Himalayas. 10 ft. A comparatively new plant in this country and one of the finest evergreen shrubs we have. Bushy, free branching, with large bright green, shining foliage. 5-gal. containers, 2-3 ft., very bushy, \$1.75; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**COPROSMA**

**Coprosma baueri.** New Zealand. 4 ft. Handsome low-growing shrub. The round leaves are very glossy, as if varnished. Desirable as a bushy border around the porch or wall. Balled, bushy, field-grown or 5-gal. containers, 1½-2 ft., \$1.50; gal. containers, 50c; 4-inch pots, 35c.

**DENDROMECON. Tree Poppy**

**Dendromecon rigidum.** "California Tree Poppy." 4-6 ft. Among California's native flowering plants, this is one of the very finest, making a spreading, low, compact clump of grayish-green foliage, covered in the spring with many magnificent yellow flowers one to three inches across. Must have sun and good drainage. Gal. containers, 1 to 2 ft., \$1.50.

**FREMONTIA**

**Fremontia californica.** A splendid native flowering shrub, with a sturdy, conical shape, small fig-like gray-green leaves, and a marvelous profusion of bloom in late winter and spring. The exquisite flowers are two or three inches across, single, and deep satiny-yellow in color. The plant grows very rapidly and blooms the year after planting. Must have warm sunny location and excellent drainage. Gal. containers, 1½-2 ft., \$1.00.

**F. mexicana.** Similar to the above but deeper orange-yellow flowers, streaked with crimson in the bud. Gal. containers, 1½-2 ft., \$1.50.

**ROMNEYA. Matilija Poppy**

**Romneya coulteri.** "Matilija Poppy." 6 ft. Not only one of the finest of California's wild flowers, but one of the most beautiful flowering plants in existence. Forms a magnificent clump of gray-green foliage surmounted with its magnificent great white blooms, often 6 inches across. \$1.25 each.

When 10 or more of one variety of Evergreen Shrubs are ordered, all plants priced at 75c each will be sold at \$6.50 per 10, and all plants priced at 50c will be sold at \$4.00 per 10.

## CORONILLA

**Coronilla glauca.** Europe. 4 ft. A beautiful blooming shrub with fine gray-green foliage. Flowers pea-like, deep, golden yellow, intensely fragrant by day, but scentless at night. In gallon containers, 2-3 ft., 75c; 4-inch pots, 50c.

## COTONEASTER

An exceedingly desirable group of shrubs largely used for their foliage effects in massing and banking, although many of them are doubly valuable for their brightly colored berries, borne in fall and winter. As a rule, they are very hardy and fast growing, and range from small to medium in height.

**Cotoneaster acuminata.** Himalayas. 6 ft. Erect growing shrub; leaves pointed, medium size. Flowers pinkish-white, followed by large showy red berries. 5-gal. containers, 3-4 ft., \$1.50; gal containers, 2-3 ft., 75c; 4-inch pots, 50c.

**C. franchetti.** China. 6 ft. A spreading, fast-growing variety with upright arching branches, medium sized leaves, dark green on top, silvery beneath. Many orange-red berries scattered over the branches in winter. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**C. horizontalis.** "Rock Cotoneaster." China. 2 ft. One of the best trailing shrubs, growing flat on the ground. Leaves very small, dark green. Bears great quantities of small, bright red berries. Gal. containers, 1½-2 ft., \$2.00; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**C. microphylla.** "Rockspray." Himalayas. 4 ft. A low-growing dense shrub with small round leaves, shining dark green in color. Berries bright red, borne along the stem. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c

**C. heroviana.** Similar to *C. pannosa* but with larger foliage, and larger, brighter colored berries in greater quantities. In fact, we know of nothing better for a large background or massing shrub. Gal. containers, 1½ to 2 ft., 75c.

**C. pannosa.** "Silverleaf Cotoneaster." Himalayas. 8 ft. Possibly the best and most beautiful of this group. The foliage is a soft gray-green, and the under sides of the leaves have a silvery color. White flowers in spring followed by great masses of dull silvery red berries, which remain all fall and winter. Fast growing and of graceful loose habit. In 5-gallon containers, 3-4 ft., \$1.50; gallon containers, 2-3 ft., 50c; 4-inch pots, 35c.

**C. prostrata.** 1 ft. A very useful low spreading plant with small dark green leaves, clinging close to the ground. Small bright red fruits. Gallon containers, 1½-2 ft. spread, 75c; 4-inch pots, 50c.

**C. salicifolia.** "Willowleaf Cotoneaster." China. 3 ft. A fast growing spreading variety with dark green foliage and graceful, horizontal drooping branches. White flowers and many red berries. 5-gal. containers, 2-3 ft., \$1.75; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

## DAPHNE

**Daphne odora.** 4 ft. This beautiful evergreen shrub is very attractive at all times, but its most attractive feature is the intense fragrance of the flowers which are borne in small dense terminal heads over the bush during the winter. Formerly imported from Japan and now very scarce. Balled, 1½-2 ft., \$4.00.

**Daphne odora variegata.** 4 ft. Exactly the same as the above, but the leaves have a margin of gold and the flowers are light pink in color. Balled, 1½-2 ft., \$4.00.

## ERICA. Heather

The Heathers are among the most beautiful of the evergreen flowering shrubs and in groups and masses or even single specimens, lend a striking appearance to any planting. Most of the Heathers bloom in the winter when other flowers are scarce, but some varieties bloom in spring and summer.

**Erica blanda.** 3 ft. Practically ever-blooming, for its rosy-red tubular flowers are clustered over the plant most of the year. Rather low and spreading and easy to grow. Balled, 1-1½ ft., \$1.50; 10-12 inches, \$1.25; 4-inch pots, 50c.

**E. charlesiana.** 4 ft. Has slender, upright branches of blue-gray foliage, and the long slender pale pink flower tubes, flecked with black stamens, hang daintily along the branches. Balled, 1½-2 ft., \$1.50; 1-1½ ft., \$1.25; 4-inch pots, 50c.

**E. hyalina.** 3 ft. A dwarf form on which every branch in winter and spring is a solid spike of long tubular flowers of a soft salmon-pink color. Balled, 1-1½ ft., \$1.25; 10-12 inches, \$1.00.

**E. lusitanica.** "Spanish Heather." 4 ft. A pure white heather so covered with blooms from February to April as to resemble snow. A strong vigorous grower. Balled, 1½-2 ft., \$1.50; 1-1½ ft., \$1.25.

**E. mediterranea.** "Mediterranean Heather." 4 ft. A compact, bushy plant with stiff stems, very hardy, has purplish pink flowers in late spring from March to June. Easier to grow than most Heathers. Balled, 2-3 ft., \$2.00; 1-1½ ft., \$1.25; 4-inch pots, 50c.

**E. melanthera.** 5 ft. The best known and most widely planted of the Heathers, and it is indeed one of the most beautiful and desirable of winter flowering shrubs. From November to March, the plants are a solid mass of small, rosy lavender flowers, and are exceedingly decorative during the rest of the year. Does well, both near the coast and in the interior. All plants sold during the period mentioned above are in bloom. Balled, 3-4 ft., \$1.75; 2-3 ft., \$1.50; 1½-2 ft., \$1.25; 4-inch pots, 50c.

**E. melanthera rubra.** 3 ft. Similar to the above, but a more dwarf plant, with deep reddish-purple flowers. Balled, 1½-2 ft., \$2.00; 1-1½ ft., \$1.50; 4-inch pots, 50c.

**E. persoluta alba.** 4 ft. A very bushy, compact shrub completely covered during its blooming season, from February to May, with small, bell-shaped, pinkish-white flowers. A low-growing plant of striking appearance. Balled, 10-12 inches, \$1.25.

**E. persoluta rosea.** 4 ft. This variety grows very similar to *E. melanthera*, but the flowers are more brilliant in color, being a vivid hue of deep rose-pink and are borne very abundantly. One of the newer and most fascinating of all Heathers. Blooms from February to April. Balled, 1½-2 ft., \$1.50; 1-1½ ft., \$1.25; 4-inch pots, 50c.

**E. President Felix Faure.** 3 ft. The most novel and striking of all *Ericas*, bearing almost the year round, its thick clusters of large, tubular rose-red flowers which resemble fire crackers in shape and color. Exquisitely beautiful, but not a long-lived plant. Balled, 1-1½ ft., \$1.25; 10-12 inches, \$1.00.

**E. stricta.** 2 ft. One of the lower growing, compact heathers. Bears an abundance of bright rosy blooms from September to November. The hardiest variety. Balled, 1-1½ ft., \$1.50.



**ERICA BLANDA**

When 10 or more of one variety of Evergreen Shrubs are ordered, all plants priced at 75c each will be sold at \$6.50 per 10, and all plants priced at 50c will be sold at \$4.00 per 10.

## DEERINGIA

**Deeringia baccata variegata.** 8 ft. A slender shrub, with leaves margined white, and with 12-inch spikes of white flowers. If the long shoots are trained up, the plant will climb against a fence or wall. Gal. containers, 2-3 ft., 75c.

## DIOSMA. Breath of Heaven

**Diosma alba. "Breath of Heaven."** Africa. 3 ft. A dwarf, bushy, compact shrub with fine feather-like foliage, very aromatic and sweet scented. In the spring, it has many minute star-shaped flowers on the ends of the twigs. For a low shrub in foreground plantings it is fine. Balled, 1½-2 ft., \$1.50; 1-1½ ft., \$1.25; gal. containers, 75c; 4-inch pots, 50c.

## DURANTA

**Duranta plumieri. "Golden Dew Drop."** "Sky-flower." Guatemala. 10 ft. A rather tender shrub with light green leaves, bearing in the summer long racemes of beautiful light blue flowers, followed by yellow berries which remain all winter. In gallon containers, 2-3 ft., 75c; 4-inch pots, 50c each.

## ELAEAGNUS. Oleaster

**Elaeagnus pungens reflexa. "Silverberry."** Japan. 6 ft. A fine spreading shrub with leaves and stems covered with frosty, shiny scales, silvery on upper surface and bronze beneath. Berries are silvery. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**E. pungens variegata.** Very similar to the above but the leaves are margined with cream. In gallon containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**E. fruitlandi.** 8 ft. A new variety which is very fine indeed, with extremely large leaves, heavily frosted, and very large silver berries. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

## ESCALLONIA

One of the most useful group of plants that we have for producing a thick bank of green verdure. The foliage is always fresh and glossy, and is enlivened in the summer with sprays of flowers, white, pink or red.

**E. langleyensis.** South America. 6 ft. A graceful variety producing dense clusters of light pink colored flowers in short racemes. Gallon containers, 2-3 ft., 75c; 4-inch pots, 50c.

**E. montevidensis.** 8 ft. Uruguay. A large shrub producing in summer a great profusion of pure white flower spikes. Fast growing, and excellent for large dense backgrounds. Gallon containers, 2-3 ft., 75c; 4-inch pots, 50c.

**E. rosea.** 8 ft. A spreading, branching shrub with handsome bright green foliage and many spikes of bright pink flowers in spring and summer. An excellent shrub for massing. Should be pruned often. 5-gal. containers, 3-4 ft., \$1.50; gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**E. rubra.** South America. 6 ft. Quite dense and compact with large shining dark green foliage and deep red, tubular flowers. 5-gal. containers, 2-3 ft., \$1.75; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

## EUGENIA. Brush Cherry

**Eugenia hookeri.** Australia. 15 ft. Very similar to *E. myrtifolia* (listed below) but with large, darker green leaves. Grows a little more spreading. When trimmed occasionally, makes a very compact and beautiful shrub. Fast growing. Slightly tender. Trimmed globes, in tubs, 18-24 inches in diameter on 24-inch standards, \$5.00, (in green redwood tubs, \$1.50 additional); gal. containers, slender, 3-4 ft., 75c; 4-inch pots, 50c.

**E. myrtifolia. "Brush Cherry."** Australia. 15 ft. Excellent shrub of tall compact growth; foliage glossy green with a ruddy hue on the new growth; cream-colored flowers, followed by edible violet-colored berries. Useful for hedge or may be trained by pruning into pillars or pyramids. Trimmed pyramids, 5-gal. containers, 3½-4 ft., \$3.00; gal. containers, 3-4 ft., slender, 75c; 4-inch pots, 50c; 2½-inch pots, \$15.00 per 100.

## EUONYMUS. Evergreen Euonymus

For hedges and low groups or single plants, the varieties of *Euonymus* are very useful. The different species of *E. japonica* listed below are all very similar except in the color of the leaves which are variegated in different ways with white, silver and gold. For use as potted plants on terrace or porch the largest trimmed sizes can be supplied in green redwood tubs for \$2.00 additional and the smaller sizes for \$1.50 additional.

**Euonymus erecta compacta.** 4 ft. Strong, upright grower; dense habit; medium small, dark green leaves; of easy culture. Balled, bushy 1½-2 ft., \$1.50; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c; flats of 100, \$6.00.

**Euonymus japonica.** 10 ft. Japan. A useful ornamental with green glossy foliage, standing heat and cold, and easy to grow. Can be used as a spreading plant in a group planting and when trimmed it makes a wonderful compact plant for tubs. Also used for hedges. Particularly fine for Arizona. Trimmed pyramids, 3-4 ft., \$3.50; trimmed globes, 24-inch diameter, \$3.50; untrimmed, 2-3 ft., \$1.50; gal. containers, 1-1½ ft., 75c; 4-inch pots, 50c; flats of 100 plants, 6-8 inches, \$6.00.

**E. japonica albo-marginata.** 5 ft. The leaves of this variety have a narrow margin of silver white. Balled, trimmed pyramids, 3-4 ft., \$3.00; 2-3 ft., \$2.00; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**E. japonica aurea-marginata. "Golden Euonymus."** 4 ft. A variety of dwarf and compact growth; leaves deep yellow toward the edges, blotched in the center with light and dark green. Balled, trimmed pyramids, 2-3 ft., \$2.00; 1½-2 ft., \$1.50; gal. containers, 75c; 4-inch pots, 50c.

**E. japonica aurea-variegata. "Golden Variegated Euonymus."** 6 ft. Leaves bright golden yellow in center, dark green around edges; of strong, robust habit of growth. Boxed, trimmed pyramids, 5-6 ft., \$12.50; balled, 4-5 ft., \$5.00; 3-4 ft., \$3.00; 2-3 ft., \$2.00; 1½-2 ft., \$1.50; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**E. japonica President Gauthier.** 5 ft. Leaves with a white blotch in the center. Quite striking. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50; gal. containers, 1-1½ ft., 75c; 4-inch pots, 50c.

**E. japonica viridi-variegata "Duc de Anjou."** 5 ft. Leaves dark green toward the edges, with markings of light green and pale yellow in the center. A strong grower and because of its beautiful shiny foliage is one of the best varieties for a spreading shrub. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**E. pulchellus. "Small-leaved Euonymus."** 1 ft. A dwarf form of *Euonymus* with small dark green foliage, growing 18-inches high. Fine for low hedge. Balled, 12-18 inches, bushy, \$1.25; gal. containers, 12-18 inches, 75c; 4-inch pots, 50c; flats of 100, \$6.00.

## FATSIA

**Fatsia japonica.** 3 ft. A massive plant of tropical appearance with very large shining green, deeply lobed leaves, 1 ft. across. Best in a shady place. Gal. containers, 75c; 4-inch pots, 50c.

**F. papyrifera. "Rice Paper Plant."** 5-7 ft. Of very rapid growth, with downy branches and leaves, the latter one foot across. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

## FUCHSIA

Fuchsias are delightful and easily grown flowering plants for full or partial shade in a cool, moist location. They may be trained as an upright or half-reclining shrub, and they bloom almost the year 'round in California. All varieties named below; gal. containers, 75c; 4-inch pots, 50c.

**Black Prince.** Quite large, single flowers; scarlet and deep purplish-rose.

**Double Purple.** One of the best of the old-fashioned, large, double-flowered favorites.

**Jerry Desloges.** Pink sepals, with white petals, shading to carmine at the base. Double.

**Minnesota.** Scarlet sepals, with very deep purple petals. Quite large. Single.

**Riccartoni.** Very vigorous, growing to 8 or 10 feet and very bushy, its slender shoots laden with small, bright red flowers.



**GARDENIA**

Waxy White Flowers, Deliciously Fragrant

**GARDENIA. Cape Jasmine**

*Gardenia veitchii*. "Cape Jasmine." 2-4 ft. For rich, sweet perfume the Gardenia has no superior, and its waxy, snow-white blooms are produced in continuous succession during spring and summer. In fact blooms may be found at almost any time during the year in the milder sections of California. They are not difficult to grow in any well drained location where it is not too hot and dry. A plant or two in the garden will furnish many flowers to perfume the house or for the gentlemen's buttonhole. Balled, bushy, 12-18 inches, \$1.50; 10-12 inches, \$1.25; 4-inch pots, 75c.

**GENISTA. Broom**

A fast-growing group of shrubs, which brighten up the landscape with their brilliant masses of yellow pea-shaped flowers; valuable as a contrast to solid green shrubbery; hardy and drought resistant.

*G. fragrans*. (*Cytisus racemosa*). "Sweet Broom." Canary Islands. 6 ft. A delightful spring and summer flowering shrub with many small grass-green leaves and absolutely covered when in bloom with pea-shaped yellow flowers. The best of all the Brooms for general use. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

*G. hispanica*. (*Spartium junceum*). "Spanish Broom." Spain. 8 ft. A strong, fast-growing shrub with many slender, bright-green branches almost devoid of leaves. Bears almost continuously, large pea-like bright yellow flowers very sweetly scented. Hardy, heat loving and drought resistant. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

*G. monosperma pendula*. "Bridal Veil Broom." 10 ft. A lovely plant with slender, grayish branches, almost leafless, which, in the spring, is weighted down with a dense shower of dainty little pure white, fragrant flowers, like swirling snow; its name being descriptive of its rare beauty. Gal. containers, 1½-2 ft., 75c.

*G. scoparius andreanus*. 6 ft. A very beautiful variety of the Scotch Broom with pea-shaped flowers, having side petals of deep mahogany-red. 5-gal. containers, 2-3 ft., \$2.00; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**GREVILLEA**

*Grevillea thelemanniana*. Australia. 5 ft. A beautiful small shrub with small fine-cut leaves and numerous small dense scarlet racemes. A fine single specimen or a wonderful hedge plant, but will not stand much frost nor too much water. In gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

*Grevillea banksii*. 6-8 ft. A handsome large shrub, with dense fern-like foliage decorated all through the growing season with large clusters of comb-like flowers, rich deep crimson in color. 5-gal. containers, 2½-3 ft., \$2.00; gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**HAKEA**

*Hakea laurina*. 20 ft. Australia. A tall plant with long, narrow, Eucalyptus-like leaves and extremely showy flowers like big red balls, with protruding yellow stamens. Gal. containers, 3-4 ft., 75c.

**HIBISCUS**

*Hibiscus sinensis*. "Chinese Hibiscus." Asia. 6 to 10 ft. One of the showiest summer blooming shrubs with large glossy leaves and immense bright colored flowers. Likes a sunny position and does not stand much frost, but even if nipped back by cold weather, it will start up from the base and bloom again the same season.

**Single Red.** Immense trumpets of brilliant scarlet. The most popular color in Hibiscus. 3-gal. containers, 1½-2 ft., \$1.25; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**Euterpe.** Very large, single flowers of salmon-pink with a red center. 4-inch pots, 50c.

**Urania.** Large, single flowers of light salmon, with light pink center. A profuse bloomer. Gal. containers, 75c; 4-inch pots, 50c.

**Double Rose Pink.** The flowers resemble a double Peony. Gal. containers, 75c; 4-inch pots, 50c.

**HYDRANGEA**

*Hydrangea hortensis*. 8 ft. A popular garden plant or shrub furnished with large foliage and immense heads of light pink flowers, which turn blue when grown in soils containing iron. Gal. containers or bare-root, 1½-2 ft., 75c.

**HYPERICUM. Gold Flower**

*Hypericum moserianum*. "Gold Flower." 2-3 ft. A low, spreading shrub, 2 to 3 feet across when fully grown, with beautiful large, flat, golden yellow flowers all summer long. Fine for a low mass of foliage in either partial shade or full sun. Gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

*H. calycinum*. "Rose of Sharon." 1 ft. A very fine ground cover, spreading and creeping by woody root-stocks and completely covering the soil. Its bright golden flowers shine out against the dark, persistent foliage, and it grows in sun or half shade. 4-inch pots, 50c; 2¼-inch pots, 25c each; \$15.00 per 100.



**SINGLE SCARLET HIBISCUS**

Flaming Trumpets Cover the Plant at All Times



**IOCHROMA PURPUREA**  
Hung with Flower Clusters of Rich Purple

When 10 or more of one variety of Evergreen Shrubs are ordered, all plants priced at 75c each will be sold at \$6.50 per 10, and all plants priced at 50c will be sold at \$4.00 per 10.

**ILEX. Holly**

**Ilex aquifolium. "English Holly."** The real old-fashioned kind. Must be planted in the shade in Southern California. Gal. containers, 1½-2 ft., \$1.00; 4-inch pots, 75c. Large bushy specimens from 4 to 10 ft., \$12.50 to \$100.00 each.

**IOCHROMA**

**Iochroma purpurea.** 6 feet. A tall, handsome, slender shrub, with pendulous clusters of large, long, tubular flowers of rich purplish-blue. Fairly tender. Gal. containers, 2-3 ft., 75c.

**JASMINE. Bush Jasmine**

**Jasminum floridum. "Dwarf Bushy Jasmine."** 3 ft. A fine low foreground shrub, with slender arching branches covered all spring and summer with yellow flowers. Gal. containers, 75c; 4-inch pots, 50c.

**LAURUS. Laurels**

**Laurus cerasus. "English Laurel."** 5 to 8 ft. A heavy, dense, slow growing plant which makes the finest specimen shrub possible with its large, thick, glossy green leaves and rounded shape. Occasional trimming improves it. Balled, or in 5-gal. containers, 3-4 ft., \$3.00; 2-3 ft., \$2.00; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**L. lusitanica. "Portugal Laurel."** 8 ft. Dark green, glossy leaved shrub with large panicles of white flowers which are quite fragrant at night. Gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**L. nobilis. "Grecian Bay or Laurel."** 8 ft. Greece. The well known Bay Tree so often trained as globes and pyramids for outdoor or indoor tub plants. Stiff, dark green leaves. In tubs, 1½-2 ft. globes on 4 ft. standards, \$10.00; on low 12-inch stems, \$6.00; gal. containers, 1½-2 ft., untrimmed, \$1.00; 4-inch pots, 75c.

**LAVENDULA. Lavender**

**Lavandula vera. "Lavender."** 3 ft. The old-fashioned sweet lavender, growing to about 18 inches, with soft gray foliage and delightfully fragrant, lavender flowers on long stems. Balled, 1½-2 ft., \$1.00; gal. containers, 1-1½ ft., 50c.

**LANTANAS**

**Lantanas.** These popular ever-blooming shrubs grow very rapidly and are a mass of bloom almost all during the year. The dwarf varieties grow from 1 to 3 ft. high and the tall varieties to 5 ft. We can supply the following varieties as follows: Gal. containers, 50c; 4-inch pots, 35c each, \$2.50 per 10, \$20.00 per 100; 2½-inch pots, 20c each, \$1.50 per 10, \$12.50 per 100.

- |                            |                         |
|----------------------------|-------------------------|
| <b>Orange Red—Dwarf.</b>   | <b>Orange Red—Tall.</b> |
| <b>Pure White—Dwarf.</b>   | <b>Light Pink—Tall.</b> |
| <b>Clear Yellow—Dwarf.</b> | <b>Pure White—Tall.</b> |

**Trailing Lantana.** One of the finest plants in the world for trailing over banks and walls. A mass of lavender flowers during most of the year. Fast growing. Gal. containers, 50c; 4-inch pots, 35c; 2½-inch pots, 15c each, \$10.00 per 100.

**LEPTOSPERMUM. Australian Tea Tree**

**L. laevigatum. "Australian Tea Tree,"** 15 ft. Large, spreading shrub with graceful arching branches; foliage grayish-green; covered in the spring with a profusion of small white flowers; grows very rapidly. Must have good drainage. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**L. nicholi.** 6 ft. A beautiful little shrub with fine purple foliage and small carmine-red flowers scattered over the stems. Best near the sea-coast. Gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**LEONOTIS**

**Leonotis leonurus. "Lion's Tail."** South Africa. 6 ft. A very showy soft wood shrub with hairy stems and brilliant orange-red, tassel-like flowers at the joints of the stems. Very fast growing. In gallon containers, 2-4 ft., 50c; 4-inch pots, 35c.

**LIPPZIA. Lemon Verbena**

**Lippia citriodora. "Lemon Verbena."** Uruguay. 5 ft. A fast growing shrub with delightfully fragrant foliage; bears minute flowers in pyramidal spikes. In gallon containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**LIGUSTRUM. Evergreen Privets**

The most widely used hedge plants in the southwest are the **Ligustrum** or **Privets**, and included among them are tall and low growing varieties, large and small leaved forms, all of which can be trimmed to the size hedge desired.

**Ligustrum ciliatum.** 5 ft. This variety grows smaller than most Privets and has the finest foliage and largest flower spikes of the entire group. Foliage dense and heavy, clear dark green all the year. Excellent for hedge, massing, or single plants. Does well in shade. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c.

**L. henryi.** Fast growing hardy Privet which will grow in almost any location. The small, glossy, pointed leaves make it a handsome plant, and it is becoming more and more popular for low hedges, or for locations where special shapes are desired because it becomes extremely dense with trimming. Balled, 1½-2 ft., \$1.25; gal. containers, 2-3 ft., 75c; flats of 100, \$6.00.

**L. japonicum. "Japanese Privet."** 6 to 12 ft. A large shrub or small tree with leathery dark green glossy leaves and white flowers; the best tall hedge plant, making a fast heavy substantial growth. Very hardy and drought resistant. Excellent for Arizona and similar sections. Gal. containers, 3-4 ft., 50; qt. containers, 1½-2 ft., 35c each; \$25.00 per 100; flats of 100, \$3.00.

**L. nepalense. "Nepal Privet."** 8 ft. A very fine Privet much used in the Southern States, but only recently introduced into California and not to be confused with the small-leaved variety (*L. sinensis*) often called *L. nepalense* on the Pacific Coast. Large, glossy dark green leaves, 3 inches long, and a fine, graceful habit of growth make it one of the finest shrubs that we grow for foundation planting. Balled, 3-4 ft., \$2.00; 1½-2 ft., \$1.25; gal. containers, 1-1½ ft., 75c; 4-inch pots, 50c; flats of 100, \$6.00.

**L. ovalifolium. "California Privet."** 3 to 8 ft. A much esteemed hedge plant, particularly in more severe climates. Very strong growing, with bright green, medium sized leaves; forms a compact hedge of any desired size when pruned; easily grown and partially deciduous in the winter. Plants in the following sizes supplied either bare root or in gallon containers:

	Each	10	100
4 to 5 feet.....	\$0.75	\$5.00	\$40.00
3 to 4 feet.....	.50	4.00	30.00
2 to 3 feet.....	.40	3.00	25.00
6 to 12 inches, in flats of 100			3.00



## JAPANESE PRIVET HEDGE

Branches of Weeping Willow Tree in Background

When 10 or more of one variety of Evergreen Shrubs are ordered, all plants priced at 75c each will be sold at \$6.50 per 10, and all plants priced at 50c will be sold at \$4.00 per 10.

**L. ovalifolium variegatum.** "Golden Privet." Japan. 6 to 15 ft. The well known bright golden Privet so familiar in Southern California. Used to add color to shrub plantings or for a bright colored hedge. In gal. containers, 2-3 ft., 50c; qt. containers, 1-2 ft., 35c; \$20.00 per 100.

**L. sinensis.** "Small-Leaved Evergreen Privet." 3 to 8 ft. This plant is known as *L. nepalense* on the Pacific Coast, and as Amur River Privet in the South. It is the best small-leaved evergreen hedge Privet, is easily pruned to any low or medium height, stands heat and cold and may be planted as a specimen shrub if desired. Gal. containers, 3-4 ft., 75c; 4-inch pots, \$50c; flats of 100, \$3.00.

## MAHONIA. Oregon Grape

**Mahonia aquifolium.** "Oregon Grape." 6 ft. A handsome shrub with dark, lustrous, spiny toothed foliage and yellow flowers in dense clusters in the spring, followed by purplish berries. Thrives in almost any location, but partial shade and ample moisture result in brighter and glossier foliage. Balled, 2-3 ft., \$2.50; gal. containers, 75c; 4-inch pots, 50c.

**M. japonica.** "Japanese Mahonia." 6 ft. A very effective shrub with large, bold, spiny-toothed leaves and large, dense clusters of bright yellow flowers followed by large blue berries. Prefers shade. Gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

## TRY THESE FOR SOMETHING DIFFERENT

### ILEX. Chinese Holly

**Ilex cornuta.** "Chinese Holly." A splendid new Holly from China, with dark green, many-toothed leaves similar to those of the English Holly, forming a bushy, compact plant much more suited to California conditions than the English Holly, and doing well in both sun and shade. Of fairly rapid growth, bearing red berries when it gets older. A splendid new foliage plant of which we think a great deal. Gal. containers, 1-2 ft., \$1.00; 4-inch pots, 75c.

### PIMELIA

**Pimelia ferruginea.** 2-3 ft. A low, compact, rounded plant, covered with innumerable little heads of bright pink flowers. Does best near the coast in well drained soil. Gal. containers, 1-1½ ft., \$1.25.

### MELALEUCA. Bottle Brushes

**Melaleuca alba.** Australia. 15 ft. A fine shrub or small tree with slender leaves and white flowers in pendulous spikes. Thrives best in wet soils, but also grows well in dry locations. In gal. containers, 3-4 ft., 75c; 4-inch pots, 50c.

**M. hypericifolia.** Australia. 10 ft. A large loose open plant with medium size leaves, growing very rapidly. Has large orange-scarlet cylindrical flowers like bottle brushes along the stems. Likes the sun, but not much frost. Gal. containers, 2-3 ft., 50c; 4-inch pots, 35c.

**Melaleuca lateritia.** 6-8 ft. A graceful, many branched shrub with three-inch cylindric flower spikes of rich flaming scarlet. We consider this to be one of the finest of the Bottle Brushes because of the rich color of its flowers and its graceful habit of growth. Gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

### MYOPORUM

**Myoporum laetum.** 6 ft. One of the finest shrubs for seacoast planting since it will thrive in the sand right down to the very water's edge. Thick, dark shining green leaves; grows quite rapidly, and has rather inconspicuous little lavender flowers. Gal. containers, 1-1½ ft., 75c.

### MYRTUS. Myrtle

**Myrtus communis.** "Roman Myrtle." 8 ft. Europe. Valuable for either single specimens or small hedge. The foliage is a shining green and highly aromatic. Bears numerous small white flowers, followed by black berries. Easily kept pruned down to 3 ft. Succeeds well in hot dry situations. Balled, bushy, or in 5-gallon containers, 2-3 ft., \$1.50; 1½-2 ft., \$1.25; 1-1½ ft., \$1.00; gallon containers, 1-1½ ft., 75c; 3-inch pots, 8-12 inches, 25c each, \$15.00 per 100; flats of 100, \$5.00.

**M. communis compacta.** "Dwarf Myrtle." 3 ft. A new species that is one of the finest low evergreen hedge plants grown in California. Extremely dense and compact, with small dark shining leaves; shapes itself, but may be pruned if desired. Attains a height of 3 ft. quickly and stays there. Plant 12 inches apart. Balled, bushy, 1½-2 ft., \$1.50; 1-1½ ft., \$1.25; gal. containers, 1-1½ ft., 75c; 4-inch pots, 50c; flats of 100, \$5.00.

**M. communis microphylla.** "Small-Leaved Roman Myrtle." 6 ft. A small leaved form which makes a smaller hedge than the communis and grows more slowly. Balled, bushy, 1-1½ ft., \$1.00; gallon containers, 1-1½ ft., 75c; 4-inch pots, 50c; flats of 100, \$5.00.

**M. communis variegata.** "Variegated Roman Myrtle." 6 ft. A variety of the above with foliage variegated green and white. Excellent for a small hedge 1½ or 2 feet in height. Balled, bushy, 1½-2 ft., \$1.50; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c; flats of 100, \$5.00.

### NANDINA

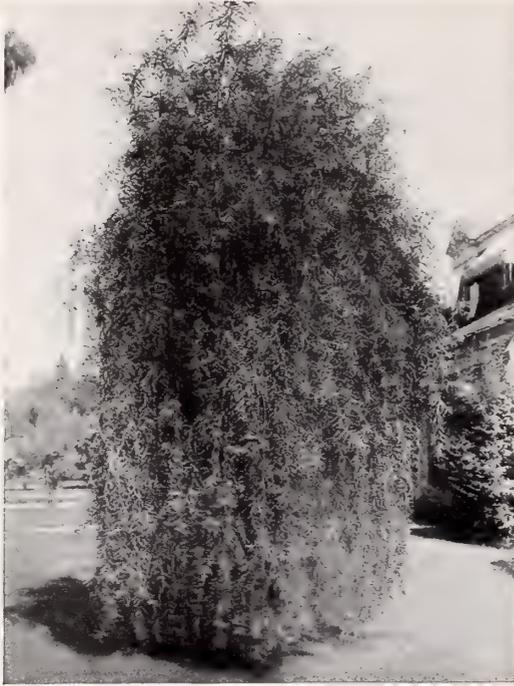
**Nandina domestica.** "Japanese Nandina." 5 ft. A beautiful, upright growing, dwarfish shrub. Leaves compound, with numerous small leaflets, rich red when young, dark green at maturity, and assuming beautiful coppery tones in winter. It thrives in any soil, and is quite hardy. In the autumn it is covered with showy clusters of red berries. Heavy plants in 18-inch boxes, 4-5 ft., \$10.00; balled, 3-4 ft., \$2.00; 2-3 ft., \$1.50; 1½-2 ft., \$1.25; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c; flats of 100, \$10.00.

### DWARF PITTOSPORUM

**Pittosporum filifera.** 2 ft. Plants which will stay small are comparatively scarce and this variety, although comparatively unknown, stays small, and for several months during the year is dotted with immense red berries which make a great show among the narrow, thick, dull green leaves. Grows in any soil and is unmindful of heat, cold or drought. Gal. containers, 1-1½ ft., 75c; 4-inch pots, 50c.

### BUSH JASMINE

**Jasminum Grand Duke.** 5 ft. A rare and beautiful, semi-reclining shrub with full, double flowers of pure white with an intense and sweet perfume, resembling very fine Gardenia blooms. Does best in the mild coastal regions. Balled, 1½-2 ft., \$2.50; 4-inch pots, 75c.



**PITOSPORUM PHYLIRAEOIDES**  
Evergreen Shrub of Weeping Habit

When 10 or more of one variety of Evergreen Shrubs are ordered, all plants priced at 75c each will be sold at \$6.50 per 10, and all plants priced at 50c will be sold at \$4.00 per 10.

### NERIUM. Oleander

The Oleander with its brilliant, showy blossoms, is a beautiful shrub throughout all of California. It does particularly well in the Imperial Valley and Arizona, gives a quick effect wherever planted, and is in bloom during almost all the year. We have the following excellent varieties:

Mrs. Roeding, Double Salmon	Double Blood Red
Double Light Pink	Single Cherry Red
Double Rose Pink	Single White

Price on all of the above, balled, bushy, 2-3 ft., \$2.00; gal. containers, 1½-2 ft., 75c.

### OSMANTHUS. Sweet Olive

**Osmanthus aquifolium.** 15 ft. An exceedingly handsome large shrub with dark green, shiny, spiny-toothed leaves, like those of English Holly, bearing clusters of exceedingly fragrant, small white flowers. Slow growing and prefers partial shade. Balled, bushy, 3-4 ft., \$4.00; gal. containers, 1-1½ ft., \$1.00; 4-inch pots, 75c.

**Osmanthus fragrans.** "Sweet Olive." China. 10 ft. A beautiful shrub, almost ever-blooming, with small white, extremely fragrant flowers in clusters. Large, handsome dark green foliage. Prefers partial shade. Gal. containers, 1-1½ ft., \$1.00; 4-inch pots, 75c.

### POINSETTIA

**Poinsettia pulcherrima.** The well known "Christmas Flower." Unsurpassed for the splendor of its brilliant scarlet flower bracts, and its bright green leaves. Gal. containers, 75c; 4-inch pots, 50c.

### POLYGALA

**P. dalmatisiana.** South Africa. 5 ft. A dense somewhat globular shrub with grayish-green foliage, very much admired in winter and spring because of the masses of pink, pea-shaped flowers with which it is covered. Balled, bushy, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

### PITOSPORUM

**P. eugenioides.** New Zealand. 10 to 15 ft. A large shrub with glossy light green foliage. Extensively used for specimen plants, large hedge and as a foundation shrub. Quite hardy and a rapid grower. In tubs, 5-6 ft., \$2.50; 3-4 ft., \$2.00; 2-3 ft., \$1.50; gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**P. crassifolium.** 15 ft. A tall, exceedingly vigorous, fast-growing shrub with dense, gray-green foliage, thriving on the seacoast, even where exposed to the ocean winds. Gal. containers, 2-3 ft., 75c.

**P. phylliraeoides.** "Desert Willow." Australia. 20 ft. A remarkable small tree from the Australian deserts, much resembling a Weeping Willow, but entirely evergreen and thriving in dry soils where a Willow will not live. In gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**P. rhombifolium.** Australia. 20 ft. A first-class ornamental tree of symmetrical, pyramidal shape. The large clusters of white, sweetly fragrant flowers in summer are followed by a profusion of orange-yellow berries, persisting throughout the winter. Balled, 6-8 ft., \$2.50; 3-4 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**P. tenuifolium.** (P. Nigricans.) New Zealand. 20 ft. A tall fast growing large shrub with almost black stems and clean bright foliage, excellent for massing or tall hedges. Occasional clipping makes it very dense. Balled, bushy, 4-5 ft., \$2.00; gal. containers, 3-4 ft., 75c; 4-inch pots, 50c.

**P. tobira.** "Japanese Pittosporum." Japan. 5 to 8 ft. As a medium sized evergreen shrub for general use this plant is second to none for planting in California. It is a wide spreading, dense, round headed shrub, with deep, glossy green foliage, and is excellent for planting in a mixed border, for massing against the house or wall, and also will make a fine large hedge. In the winter it is covered with small, fragrant white flowers, resembling orange blossoms. This species does quite well in Arizona. Balled, bushy, 2-3 ft., \$1.75; 1½-2 ft., \$1.50; gal. containers, 1-2 ft., 50c; 4-inch pots, 35c.

**P. tobira variegatum.** 8 ft. A variegated form of the above. The foliage is variegated with white. Balled, bushy, 2-3 ft., \$2.00; 1½-2 ft., \$1.75; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**P. undulatum.** Australia. 20 ft. Small tree or shrub, well furnished with deep green, glossy leaves. Its yellowish white flowers are very fragrant, especially at night. Excellent for street planting in narrow parkways, or for a tall hedge. Balled, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

### PHOTINIA

**Photinia arbutifolia.** 10 ft. "California Holly or Christmas Berry." The well known native California shrub of which the red berries are sold in great quantities at Christmas time. Under cultivation it makes a beautiful large spreading, well shaped bush, producing its great handsome clusters of brilliant berries when they are enjoyed most. Should be given plenty of room in a sunny location, as it grows large in a short time. 5-gal. containers, 5-6 ft., \$4.00; 4-5 ft., \$3.00; 3-4 ft., \$2.50; 2-3 ft., \$2.00; gal. containers, 1-2 ft., 75c.

**P. serrulata.** Evergreen Photinia. China. 15 ft. A handsome evergreen shrub or small tree, the foliage of which becomes very conspicuous in the autumn, when it assumes a reddish hue; flowers white, in large corymbs, produced in the early spring. Hardy anywhere. Balled, 4-5 ft., \$2.00; 3-4 ft., \$1.50.

### PRUNUS Evergreen Cherry

**Prunus caroliniana.** "Carolina Cherry-Laurel." 15 ft. An excellent glossy-leaved evergreen for a large shrub or small tree, with finely toothed oval leaves. Best near the coast. In 5-gal. containers, 3-4 ft., \$1.50; gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**Prunus ilicifolia.** "Wild Cherry." 10 to 20 ft. This small tree or large bush is native to the dry mesas of California and because of its beautiful glossy, holly-like leaves is much used for Christmas decorations. For a large hedge, masses or background planting it is wonderfully effective. 5-gal. containers, 3-4 ft., \$1.50; gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**Prunus integrifolia.** "Catalina Cherry." 20 ft. A beautiful small tree with large, glossy, dark green holly-like leaves, native to Catalina Island. A fine small street tree, or can be used as a large shrub or hedge. Its foliage is exceedingly attractive. 5-gal. containers, 3-4 ft., \$1.50; gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.



**RHODODENDRON PINK PEARL**  
Great Clusters of Soft Pink Flowers

### PYRACANTHA. Burning Bush

This group, formerly called *Crataegus*, belongs to the evergreen Hawthorne. They are exceedingly valuable for the great wealth of bright colored berries which they furnish in the fall and winter, and which remain on the plant for many months. They naturally grow quite tall, but if pruned back severely once a year will make a low dense bush. Very hardy.

**P. formosana.** 8 ft. Possibly the showiest of all this group of berried plants, recently introduced from Formosa. A solid mass of brilliant red berries in fall and winter. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**P. crenulata.** Japan. 6 to 10 ft. This variety has the reddest berries of all *Pyracanthas*—bright crimson—scattered along the stems instead of in bunches. The leaves are long and narrow, glossy and dark green. Does not grow quite so fast and can be pruned lower than the other kinds. In 5-gal. containers, 3 to 4 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**P. kansuensis.** 8 ft. With this plant in the garden one does not need to worry about whether it will have berries or not, for in the fall and winter it has more berries than leaves—a brilliant mass of red, and is a fast grower as well. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

**P. lalandii.** "Burning Bush." 8 ft. An evergreen shrub of spreading habit; foliage a rich dark glossy green; clusters of white flowers in the spring are followed by a wealth of orange-colored berries, which remain on the plant all winter. In 5-gallon containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

**P. yunnanensis.** China. 8 ft. A variety of *Pyranthas* *crenulata*, but a more vigorous grower, with larger leaves. In the fall and winter there is nothing more striking than this plant with its dark glossy green foliage acting as a background for great masses of red berries. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

### PUNICA. Evergreen Pomegranate

**Punica granatum nana.** "Dwarf Evergreen Pomegranate." India. 3 ft. A miniature evergreen Pomegranate with fresh green foliage, many bright scarlet flowers, and small crimson fruits. Makes a fine low hedge. Balled, 1½ to 2 ft., \$1.50; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

### RHAMNUS

**Rhamnus californica.** "Coffee Berry." 5 ft. A beautiful native shrub with rich green foliage, thriving in either sun or shade, in dry or moist soil. Gal. containers, 1-1½ ft., 75c; 4-inch pots, 50c.

### RAPHIOLEPIS

**Raphiolepis ovata.** 6 ft. A sturdy, compact, upright shrub, with stout branches and thick, dark green, lustrous leaves. Covered in summer with clusters of white flowers, followed by purple berries. Of comparatively slow growth. 5-gal. containers, 2-3 ft., \$2.00; gal. containers, 1½-2 ft., 75c.

### RHODODENDRON

**R. Pink Pearl.** One of the finest large flowering hybrids with enormous flowers of soft light pink. Should have partial shade and an acid soil, with plenty of vegetable matter in it. Our plants are in bud in the winter. Balled, 2-2½ ft., \$12.50; 1½-2 ft., \$10.00; 1-1½ ft., \$7.50.

### RHUS. Sumac

**Rhus integrifolia.** "Lemonade Berry." 3 to 10 ft. Here is one of our native California plants which will thrive in sand or heavy soil, directly on the seacoast or inland. A beautiful clump of deep green foliage in all locations. 5-gal. containers, 3-4 ft., \$1.50; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**R. laurina.** "Laurel-Sumac." 6 ft. A very leafy, native Californian shrub with large oval or lance-like leaves, exhaling an aromatic odor. Gal. containers, 1½-2 ft., 75c; 4-inch pots, 50c.

### SANTOLINA

**Santolina.** Low gray-leaved border plant, 12 to 18 inches high, growing very rapidly. Should be sheared to keep it compact. In flats of 100, \$3.00.

### SALVIA

**S. leucantha.** "Purple Salvia." Mexico. 2 ft. A bushy, many branched plant, sending up in winter and spring many spikes of small globular, velvety purple and white flowers of novel appearance. Gal. containers, 2 to 3 ft., 50c; 4-inch pots, 35c.

### STREPTOSOLEN

**Streptosolen Jamesoni.** Colombia. 5 ft. Extremely showy, free flowering shrub with masses of bell-shaped orange-yellow flowers. Likes full sun and will not stand much frost. 5-gal. containers, \$2.00; gal. containers, 75c; 4-inch pots, 50c.

### STROBILANTHES

**Strobilanthes isophyllus.** A terrible name for a modest little bushy plant, 2 to 3 feet high, and delicately colored blue flowers in late winter and spring. Grows in sun or shade. Gal. containers, 2-3 ft., 75c.

### TEUCRIUM

**Teucrium fruticans.** Southern Europe. 3 ft. An almost everblooming small shrub, much branched, with grayish foliage and bright blue flowers scattered over it. Does well in dry sunny places, but will grow in other locations as well. Gal. containers, 2-3 ft., 75c; 4-inch pots, 50c.

### VERONICA

**V. imperialis.** New Zealand. 3 ft. Low bushy plant used for borders and low foreground shrubbery. Has smooth dark green foliage and during most of the year bears short spikes of reddish purple flowers. Particularly fine near the coast. Balled, bushy, 1-2 ft., \$1.25; gal. containers, 1-2 ft., 50c; 4-inch pots, 35c.

**V. imperialis.** Purple Queen. Bush same as above but with beautiful large spikes of brilliant bluish-violet. Balled, bushy, 1-2 ft., \$1.25; gal. containers, 1-2 ft., 50c; 4-inch pots, 35c.

**V. imperialis variegata.** Same as above but the foliage is variegated with creamy white. Gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**V. lobelioides.** New Zealand. 2 ft. A low growing, compact, small leaved variety with numerous small spikes of bright blue flowers. Balled, bushy, 2-3 ft., \$1.25; gal. containers, 1-1½ ft., 50c; 4-inch pots, 35c.

### VIBURNUM

**V. suspensum.** 6 ft. A bushy spreading shrub with slender, angled branches and large leaves, shiny and dark green. Flowers in clusters, white tinged with pink. A luxuriant appearing evergreen from the South Sea Islands. Balled, 2-3 ft., \$2.00; gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

**V. tinus.** "Laurustinus." 10 ft. South Europe. Well-known winter flowering shrub, bearing in profusion, clusters of small, flesh colored blooms. Good subjects for single specimens and for hedge. Balled, 3-4 ft., \$1.50; 2-3 ft., \$1.25; gal. containers, 1-2 ft., 50c; 4-inch pots, 35c; flats of 100, \$5.00.

# Flowering Perennial Plants

At the proper seasons of the year, we have available at our salesyard many other varieties of annuals and perennials, too many to list here.

## PRICES

The price on all plants listed below, unless otherwise stated, is 15c each, \$1.25 per 10, \$10.00 per 100.

**Agapanthus.** "Lily of the Nile." From a clump of narrow leaves come the tall three-foot stems, with a head of from ten to thirty handsome blue or white flowers in spring. 4-inch pots, 50c each, \$4.00 per 10.

**Agathea.** "Blue Daisy or Marguerite." 1-2 ft. A favorite old plant, with little bright blue flowers.

**Anchusa italica Dropmore.** 4-6 ft. Heavily foliaged, covered in early summer with spikes of rich gentian-blue flowers. 2¼-inch pots, 15c each, \$1.25 per 10; 4-inch pots, 35c each, \$2.50 per 10.

**Aquilegia.** "Columbine." A magnificent strain of Giant Long-spurred Hybrids. Best in cool locations. Supplied in shades of blue, pink or mixed colors.

**Bellis perennis.** "English Daisy." Excellent for low border. Very double flowers, 1 inch across. Pink, white or mixed flowers, 50c per 10, \$4.00 per 100.

**Aster tredesantii.** "Michaelmas Daisy or Hardy Aster." Forms a dense tuft of leaves, with many lovely, light blue flowers with an orange center, borne on 12-inch stems throughout the summer.

**Begonias.** The finest dwarf varieties, growing to 10 inches, for bedding and borders. They bloom continually. Red, pink or white.

**Blazing Star.** "Liatris." Long spikes 4 to 5 feet tall, densely covered with slender, grass-like leaves and with many light rosy-purple flowers in summer.

**Bleeding Heart.** "Dielytra." These old-fashioned plants with drooping racemes of pink flowers are invaluable for shady spots. Gal. containers, 75c.

**Calla Lily.** We have the Godfrey Calla, a bushy low plant with refined, pure white flowers on slender, strong stems. In gallon containers, 50c.

**Calla Elliotana.** "Yellow Calla." Grows the same as the White Calla, but the flowers are rich, golden yellow, and the foliage is a beautiful deep green, spotted silvery white. Gallon containers, 75c.

**Cannas.** Few flowers are as showy and give such rich color effects as the Canna. They thrive in any good soil, in a sunny exposure, blooming from early summer until frost. They should be planted about 2 feet apart. All have green foliage unless specified.

**Ambassador.** 5 ft. Brilliant cherry-red blooms, with handsome bronze foliage.

**City of Portland.** 4 ft. Clear rose pink.

**Flamingo.** 4 ft. Pink, spotted with orange.

**King Humbert.** 5 ft. Great orange-scarlet blooms and beautiful deep bronze foliage.

**Mrs. Pierre S. Du Pont.** 4 ft. Immense and gorgeous flowers of vivid watermelon-pink.

**President.** Possibly the greatest red Canna. The brilliant crimson flowers are immense.

**Queen Helene.** 5 ft. Showy flowers of yellow, dotted with orange-scarlet.

**Wintzers Colossal.** 6 ft. Bright scarlet. Very tall and free flowering.

**Wyoming.** 6 ft. Immense spikes of orange flowers, with bronze-purple foliage.

**Campanula medium.** "Single Canterbury Bells." These charming old-fashioned flowers are very easy to grow and are indispensable in the garden. Blue, pink, white or mixed colors. 2¼-inch pots, 15c each, \$1.25 per 10; 1-yr. clumps, 50c each, \$3.50 per 10.

**Campanula pyramidalis.** "Chimney Bellflower." Forms a perfect pyramid 4 to 6 feet high, crowded with large salver-like flowers in late summer. Blue or white. 2¼-inch pots, 15c each, \$1.25 per 10; field clumps, 50c each, \$3.50 per 10.

**Carnations.** No flower garden is complete without a few fragrant, everyblooming carnations. 2½-inch pots, 25c each, \$2.00 per 10, \$15.00 per 100.

**Dr. Choate.** Crimson.

**Fairmaid.** Light pink.

**Ward.** Bright rose pink.

**White Enchantress.** Pure white.

**Chrysanthemums.** A complete list of varieties with prices, will be sent upon application. Chrysanthemum plants are ready for shipment March 1.

**Cineraria.** Beautiful bedding plants for shady places, in bright shades of blue, purple and pink.

**Convolvulus mauritanicus.** A splendid creeping perennial, covered throughout the summer with many violet-purple flowers 1 to 2 inches across. For edgings or banks it is invaluable. 2¼-inch pots, 15c each, \$1.25 per 10; 4-inch pots, 35c each, \$2.50 per 10.

**Coreopsis lanceolata.** Bears golden yellow flowers on long stems all through the summer and fall. Invaluable for cutting and grows anywhere.

**Delphinium Belladonna.** "Perennial Larkspur." One of the most satisfactory perennials of all, bearing clear turquoise blue flowers in long spikes 8 months in the year. For massing, borders and cut flowers they are unexcelled. 2¼-inch pots, 15c each, \$1.25 per 10, \$10.00 per 100; field clumps, 35c.

**Delphinium bellamosum.** Identical with the belladonna but with intensely rich, deep blue flowers.

**Delphinium Gold Medal Hybrids.** Large flower spikes in every shade of blue from the palest lavender to the richest deep blue, with many shades in between. 2¼-inch pots, 15c each, \$1.25 per 10, \$10.00 per 100; field clumps, 35c.

**Delphinium Vanderbilt Hybrids.** The very finest in Hybrid Delphiniums, with immense flowers in all shades of blue, including many lovely pastel shades.

**Dianthus barbatus.** The old-fashioned Sweet William. Many beautiful color combinations.

**Dianthus Heddeewigi.** "Chinese Pink." Many colors and markings, the flowers often deeply and oddly cut. Single mixed or double mixed.

**Dianthus plumarius.** "Clove Pink." The old-fashioned garden "Pinks" with sweet clove fragrance, many colors and fringed petals.

**Digitalis gloxianiflora.** "Fogglow." Stately spikes of small thimble-like flowers rising from a luxuriant mass of leaves. Purple, pink or white.

**Digitalis Giant Shirley Strain.** A magnificent tall growing strain, 5 to 7 feet high, closely set with flowers of unusual size, from pure white to deep rose, spotted with maroon and chocolate.

**Gaillardia Portola Hybrids.** "Blanket Flower." Very showy, easily grown perennial with big single flowers, yellow and orange, striped and margined with red and maroon.

**Gazania aurantiacum.** Makes a close mat of foliage low on the ground, covered with myriads of large, showy, bright orange flowers.

**Gazania splendens.** Same as above but with lemon-yellow flowers.

**Geum Mrs. Bradshaw.** Handsome low border plant about 15 inches in height, bearing brilliant double scarlet flowers on long stalks all summer. 2¼-inch pots, 15c each, \$1.25 per 10; field clumps, 50c.

**Geum Lady Stratheden.** The same as the above but the blooms are a rich golden-yellow. 2¼ inch pots, 15c each, \$1.25 per 10; field clumps, 50c.

**Gypsophylla paniculata.** "Babys Breath." Forms a symmetrical mass of minute pure white flowers, gauze-like in appearance. The cut sprays are exquisite in combination with other flowers.

**Hemerocallis flava.** "Lemon Day Lily." An exceedingly free blooming bulbous plant, with long, ribbon-like leaves and trumpet-shaped flowers of lemon-yellow on 3-foot stalks. Gallon containers, 75c.

**Hemerocallis Kwanso.** The same as the above, but the flowers are double and deep rich orange in color. Gallon containers, 75c.

**Hollyhocks.** Nothing can fill the place of this showy old-fashioned flower. We have the finest single-flowered strain in rose-pink, bright red and clear yellow. 2¼-inch pots, 15c each, \$1.25 per 10; 1-year clumps, 50c each, \$3.50 per 10.

**Linum flavum.** "Yellow Flax." An easily grown perennial covered with good-sized bell-shaped flowers in late winter and spring. 4-inch pots, 50c; gallon containers, 75c.

**Lopezia.** When in bloom, this slender little perennial about 2 feet high, looks as though it were covered with a cloud of good-sized pink mosquitos.



**GERBERA—TRANSVAAL DAISY**  
In Pastel Shades of Yellow, Pink and Scarlet

**Gerbera. "Transvaal Daisy."** These magnificent flowers from South Africa are becoming more popular every season, their graceful shape and delicate hues ranging from straw-color all the way through the pinks, yellows, oranges to brilliant scarlet, placing them among the best of the low bedding plants, and making them invaluable for cut flowers. We have the following separate colors:

Salmon-yellow	Salmon
Mixed	Pink
Red	Cream

Price on above varieties in 4-inch pots, 50c each, \$4.00 per 10; field clumps, 75c each, \$6.00 per 10.

**Mesembryanthemum.** A low creeping plant with small fleshy leaves much used for covering banks and as a ground cover. We have the popular Rosy Red and also Orange. \$8.00 per 100.

**Moreaea iriodes.** A charming bulbous plant with leaves and flowers resembling Iris, but blooming continuously from spring to late fall. White, marked with yellow and blue. Gal. containers, 75c.

**Pansies.** We grow the very finest strains of Pansies that can be obtained, with enormous flowers and many brilliant color combinations. 50c per dozen, \$3.00 per 100.

**Papaver Orientalis Royal Scarlet. "Oriental Poppy."** Magnificent vivid scarlet blooms 6 inches or more across.

**Pentstemon. "Sensation."** A beautiful strain of Giant Flowered Hybrids, ranging in color from white to dark crimson. Few perennials bloom over as long a period as these satisfactory flowers.

**Pentstemon Southgate Gem.** A fine crimson-scarlet variety, growing to 2 ft.

**Petunias.** Few flowers provide so much color and are so easily grown as Petunias. They are annuals but may be planted any time during winter, spring or summer, coming into bloom at once.

**Giants of California.** Very large single flowers, mixed colors. Tall growing plants with a magnificent range of colors.

**Diensers Ruffled Giants.** Immense frilled and ruffled flowers in a great color range.

**Norma.** Blue with a white star in the center. 12 inches. A very striking combination.

**General Dodds.** Blood red. 18 inches.

**Rosy Morn.** Bright rose. 15 inches.

**Balcony Red.** Small red flowers in great profusion. 24 inches.

**Balcony Blue.** Bright blue flowers.

**Phlox.** The improved types of perennial Phlox make a wonderfully impressive display of color all through the summer and autumn. They last for a number of years and require very little care. Dormant divided roots at 25c each, \$2.50 per dozen.

**Australis.** Brilliant reddish purple. 3 ft.

**B. Compté.** Deep purplish red. 4 ft.

**Baron von Dedem.** Bright cherry red. 4 ft.

**Beacon.** Extremely large flowers, bright red. 5 ft.

**Bouquet Fleuri.** White with purple eye. 3 ft.

**Cepuscle.** White with lavender eye. 3 ft.

**Mrs. Chas. Door.** Beautiful soft lavender. 3 ft.

**Mrs. Jenkins.** Extremely large, pure white. 2 1/2 ft.

**Miss Lingard.** Lavender, white eye.

**Professor Schliemann.** Lilac rose. 4 ft.

**Rynstrom.** Large rose-pink. 2 1/2 ft.

**Thor.** Deep salmon pink, suffused scarlet. 3 ft.

**Wanadis.** Lilac with white eye. 2 1/2 ft.

**Plumbago larpetatae.** A low border plant, 6 to 12 in. high, with bronze-green foliage, and many small deep blue flowers in the fall. 2 1/4-inch pots, 15c each, \$1.25 per 10, \$10.00 per 100; 4-inch pots, 35c each, \$3.00 per 10.

**Rudbeckia. "Golden Glow."** A robust plant growing to 5 or 6 feet, with masses of double, golden-yellow Dahlia-like flowers from July to September.

**Salvia pitcheri.** One of the finest of blue flowered perennials, blooming from August to November in almost any situation. Flowers of deepest indigo-blue borne in profusion on long slender stocks 3 to 4 feet high. 4-inch pots, 35c.

**Salvia patens.** Similar to the above but not over 2 feet high. 2 1/4-inch pots, 15c each, \$1.25 per 10; 4-inch pots, 35c.

**Shasta Daisy. "Pasadena."** A new strain of this popular flower with much larger flowers and longer stiffer stems than the ordinary type. As it is ever-blooming, it is unexcelled for cut flowers.

**Statice latifolia. "Sea Lavender."** A valuable plant for border or foreground planting with its turfts of broad shiny leaves and immense candelabra-like heads of purplish blue flowers, which can be cut and dried if desired. 2 1/4-inch pots, 15c each, \$1.25 per 10, \$10.00 per 100; 4-inch pots, 35c each, \$3.00 per 10.

**Statice Perezii.** An even more showy variety than the preceding, the individual flowers being larger and the panicles flatter. 2 1/4-inch pots, 15c each, \$1.25 per 10, \$10.00 per 100; 4-inch pots, 35c each, \$3.00 per 10.

**Thalictrum dipterocarpum. "Meadow Rue."** Has fine cut foliage like a Maidenhair Fern, with dainty sprays of small violet-mauve flowers on 3-foot stems. Invaluable for cutting.

**Tritoma pfitzeri "Red Hot Poker, or Flame Flower."** In bloom from August to October, with spikes 3 to 4 feet high bearing a head of rich orange-scarlet. Gallon containers, 50c; 4-inch pots, 35c.

**Tritoma grandis.** A giant flower a foot long on stems 5 and 6 feet high. Extremely showy. Gallon containers, 50c.

**Tritoma dwarf.** Similar to the above but in miniature, growing only 18 inches high. Gallon containers, 50c.

**Verbenas.** Popular, easily grown border plant and ground cover. We have selected the following as the best varieties:

**Beauty of Oxford.** Clear pink.

**Crimson King.** Bright red.

**Lavender Queen.** Soft lavender.

**Purple Prince.** Royal purple.

**Snow White.** Pure white.

**Sand Verbena.** Purple, pink or white-flowered varieties.

**Violets—Princess of Wales.** Large, single flowers, long stems, deliciously fragrant.

**Violet President Herrick.** A beautiful new violet with very rich dark color, wonderfully fragrant, with heavy dark green foliage.

## Plants for Rock Gardens

We have many varieties of small flowering plants, mostly perennial, suitable for rock gardens which are not listed in this Catalog. A separate list with descriptions and prices will be mailed upon request.

## Lawn Seeds

**Bermuda Grass.** Suitable for hot dry situations where other grasses will not grow. One pound covers 200 square feet. 60c per lb., \$5.50 per 10 lbs.

**Kentucky Blue Grass.** We carry only the very finest grade of re-cleaned seed. One pound covers 150 square feet. We believe that the best lawn for most locations in California will result from planting one-third pound White Clover and two-thirds pound Kentucky Blue Grass to 200 square feet (20 by 10 feet). The price on Blue Grass, 60c per lb., \$5.50 per 10 lbs.

**Paceys Rye Grass.** A good hardy lawn for dry climates and for shady places; also for freshening up Bermuda Grass lawns in the winter. One pound covers 100 square feet. 35c per lb., \$3.00 per 10 lbs., \$25.00 per 100 lbs.

**White Clover.** May be sown alone or with Blue Grass. Gives very quick results and a fine soft green color. One pound covers 100 square feet. 75c per lb., \$6.50 per 10 lbs.

**Seaside Bent.** It makes the very finest lawn of all, but requires more frequent cutting and watering and does best in partial shade. One pound covers 300 square feet. \$2.25 per lb., \$20.00 per 10 lbs.

**Lippa repens.** A grassy ground cover making a dense mat of foliage, thriving in any soil, in hot locations and requiring little water. Stands trampling, requires no mowing and spreads rapidly. Per flat (plants 200 square feet), \$2.00.

## For Vigorous Plant Growth

USE

# VIGORO

*Specially prepared plant food*

Grass, flowers, shrubs and trees, like human beings, must have a balanced diet. Vigoro is a scientifically balanced food ration furnishing all plant life with proper nourishment for maximum growth and beauty.

It is clear, odorless and easy to apply. We use it ourselves and highly recommend it. Full directions in every bag.

In feeding established lawn apply 4 lbs. of Vigoro on each 100 sq. ft. of surface in early spring. Additional applications of 2 lbs. per 100 sq. ft. during summer, and 4 lbs. per 100 sq. ft. in early fall will keep the lawn in thriving condition.

### PRICES

5 lbs. for 375 sq. ft. of lawn.....	\$ .60
25 lbs. for 1875 sq. ft. of lawn.....	2.00
50 lbs. for 3750 sq. ft. of lawn.....	3.75
100 lbs. for 7500 sq. ft. of lawn.....	6.00

## MISCELLANEOUS SUPPLIES

**Grafting Wax.** Per pound.....\$ .75

**Waxed Budding Cloth.** Per yard, 18 in. wide.... .60

**Tree Labels.** 3 1/2-in. copperwired. Per 1000.... 2.75

**Black Leaf 40.** The best spray for plant lice (Aphis) 1 oz. (5-gal. spray)..... .35

**Yucca Tree Protectors.** It is advisable to shade the trunks of young trees from the sun the first season and to protect against rabbits and squirrels. Easily attached. 500 at the 1000 rate.

	Per 100	Per 1000
Length 30 inches.....	\$2.50	\$22.00
Length 24 inches.....	2.00	19.00
Length 18 inches.....	1.60	15.50
Length 16 inches.....	1.50	14.00
Length 14 inches.....	1.35	13.00

**Tree Seal.** Pure asphaltum paint, semi-liquid, which can be applied simply and without heating to all pruning wounds or exposed surfaces on trees of all kinds to prevent decay. Quart size, 60c.

**Tree White.** The very finest material for making a whitewash for painting tree trunks to prevent sunburn. Simply mix the powder with water to the desired consistency. 5-lb. package, 60c.

**German Peat Moss.** We highly recommend this material for mixing in soils to hold the water and put it in good condition and for mulching around flower beds and for many other purposes in the garden. Large bale, \$4.00.

**Volck Spray.** An effective spray for all scale insects, mealy bugs, red spider and thrips. Full directions on package. Quart size (8 gallons of spray)..... .75

# General Planting Information

### BEST TIME TO PLANT IN CALIFORNIA

Citrus and Sub-tropical Trees.... January to June  
 Avocado Trees..... November to May  
 Berry Plants..... January to April  
 Deciduous Fruit Trees..... January to April

Deciduous Trees and Shrubs.... January to April  
 Evergreen Trees and Shrubs.... November to June  
 Roses—Dormant . . . . . January to April  
 Palms, Vines, etc..... Almost Any Time

### PLANTS TO AN ACRE AT GIVEN DISTANCES APART

Distance Apart	No. Plants	Distance Apart	No. Plants	Distance Apart	No. Plants
2 feet by 1 foot.....	21,700	5 feet by 3 feet.....	2,904	18 feet by 18 feet.....	134
2 feet by 2 feet.....	10,890	5 feet by 4 feet.....	2,178	19 feet by 19 feet.....	120
3 feet by 1 foot.....	14,520	5 feet by 5 feet.....	1,742	20 feet by 20 feet.....	108
3 feet by 2 feet.....	7,260	6 feet by 6 feet.....	1,200	22 feet by 22 feet.....	90
3 feet by 3 feet.....	4,840	8 feet by 8 feet.....	680	25 feet by 25 feet.....	69
4 feet by 1 foot.....	10,890	8 feet by 10 feet.....	545	30 feet by 30 feet.....	48
4 feet by 2 feet.....	5,445	10 feet by 10 feet.....	435	33 feet by 33 feet.....	40
4 feet by 3 feet.....	3,630	12 feet by 12 feet.....	302	40 feet by 40 feet.....	27
4 feet by 4 feet.....	2,722	15 feet by 15 feet.....	193	50 feet by 50 feet.....	17
5 feet by 2 feet.....	4,356	16 feet by 16 feet.....	170	60 feet by 60 feet.....	12

### PROPER DISTANCE BETWEEN TREES AND PLANTS

Variety	Ft. Apart	Variety	Ft. Apart
Oranges, Lemons and Grapefruit.....	20 to 25	Jujubes, Low-Pruned Figs.....	12 to 16
Avocados . . . . .	25 to 35	Grape Vines.....	6 to 10
Peaches, Plums, Apricots, Cherries		Blackberries, Dewberries,	
Almonds . . . . .	20 to 25	Youngberries . . . . .	6 by 8
Pears, Apples, Persimmons, Figs.....	20 to 35	Raspberries . . . . .	3 by 5
Walnuts and Pecans.....	40 to 60	Strawberries . . . . .	1 1/2 by 3
Olives . . . . .	30 to 35	Eucalyptus for Windbreak.....	4 to 8

# TOPICAL INDEX

## FRUITS

Almonds .....	19	Espalier Fruit Trees .....	14	Loganberry .....	23	Pineapple Guava...	7
Apples .....	15	Feijoas .....	7	Loquats .....	6	Plums .....	14
Apricots .....	13	Figs .....	17	Macadamia .....	5	Pomegranates .....	17
Asparagus .....	23	Filberts .....	19	Mango .....	7	Pomelos .....	10
Avocados .....	2-4	Gooseberry .....	23	Natal Plum .....	6	Prunes .....	14
Bananas—Fruiting .....	7	Granadilla .....	5	Nectarines .....	12-13	Queensland Nut....	5
Berries .....	22-23	Grapes .....	20-22	Olives .....	7	Quinces .....	15
Blackberries .....	23	Grapefruit .....	10	Oranges .....	8	Raspberries .....	23
Carissa grandiflora .....	6	Guavas .....	6	Papaya .....	5	Rhubarb .....	23
Carob .....	6	Jujubes .....	16	Passiflora edulis .....	5	Sapota .....	7
Cherimoyas .....	5	Kumquat .....	9	Paw Paw .....	17	Strawberries .....	23
Cherries .....	13	Lemons .....	8	Peaches .....	11-12	Tangelos .....	9
Chestnuts .....	18	Limes .....	9	Pears .....	16	Tangerines .....	10
Crab Apples .....	15	Limequat .....	10	Pecans .....	19	Walnuts .....	18
Currants .....	23			Persimmons .....	18	Youngberry .....	23
Dewberry .....	23						

## ORNAMENTALS

Abelia .....	55	Crataegus .....	45	Lagerstroemia .....	46	Pseudotsuga .....	54
Aberia .....	55	Cryptomeria .....	51	Landscape Service..	24	Pueraria .....	28
Abutilon .....	55	Cup of Gold .....	28	Lantanas .....	62	Funica .....	46-65
Acacias .....	47-48	Cydonia .....	45	Laurels .....	62	Pussy Willow .....	65
Acer .....	42	Cyperus .....	26	Laurustinus .....	65	Pyracantha .....	45
Agave .....	26	Cypress .....	51-52-54	Lavender .....	62	Quercus .....	44-50
Albizzia .....	42	Daphne .....	59	Lawn Seeds .....	68	Quince, Flowering..	45
Almond, Flowering .....	45	Delphinium .....	66	Lemon Verbena .....	62	Raphiolepis .....	65
Ampelopsis .....	27	Dendromecon .....	58	Leonotis .....	62	Redbud .....	45
Araucaria .....	51	Dentzia .....	45	Leptospermum .....	62	Redwood .....	54
Arborvitae .....	54	Diosma .....	60	Leucadendron .....	50	Retinispora .....	54
Arbutus .....	55	Dogwood .....	45-48	Leucophyllum .....	56	Rhamnus .....	65
Ash .....	42	Dolichos .....	27	Libocedrus .....	53	Rhododendron .....	65
Asystasia .....	55	Dombeia .....	56	Ligustrum .....	62-63	Rhus .....	65
Athel Tree .....	50	Douglas Fir .....	54	Lilac .....	46-58	Rhynchospermum .....	23
Aucuba .....	55	Dracaena .....	26	Lion's Tail .....	62	Robinia .....	44
Azalea .....	45-55	Duranta .....	60	Lippia Grass .....	68	Rockrose .....	58
Azara .....	55	Elaeagnus .....	60	Liquidambar .....	42	Romneya .....	58
Bamboos .....	26	Elm .....	44-50	Liriodendron .....	42	Roses .....	29-41
Bananas .....	26	Erica .....	59	Locust .....	44	Salix .....	44-45
Barberry .....	56	Erythrina .....	42	Lonicera .....	28	Salvia .....	65
Bauhinia .....	48	Escallonia .....	60	Lyonothamnus .....	50	Santolina .....	65
Beloperone .....	56	Eucalyptus .....	48-49	Magnolia .....	43-50	Schinus .....	50
Berberis .....	56	Eugenia .....	60	Mahonia .....	63	Sequoia .....	54
Betula .....	42-44	Eulalia .....	26	Maidenhair Tree .....	42	Silk Oak .....	49
Bignonia .....	27	Euonymus .....	27-60	Mandevilla .....	27	Silk Tree .....	42
Birch .....	42-44	Evergreen Cherry .....	64	Maple .....	42	Silver Tree .....	50
Black Walnut .....	42	Evergreen Grape .....	27	Matilija Poppy .....	58	Snowball .....	46
Boronia .....	56	Evergreen .....		Melaleuca .....	63	Solandra .....	28
Boston Ivy .....	27	Flowering .....		Mexican Orange .....	56	Solanum .....	28
Bottle Brush .....	58-63	Pomegranate .....	65	Mock Orange .....	46	Sollya .....	28
Bougainvillea .....	27	Fatsia .....	60	Morus .....	43-44	Spirea .....	46
Bouvardia .....	56	Ferns .....	26	Muehlenbeckia .....	28	Spruce .....	53
Boxwood .....	56	Fertilizer .....	68	Mulberry .....	43-44	Sterculia .....	50
Breath of Heaven .....	60	Ficus .....	27	Musa .....	26	Strawberry Tree .....	55
Bridal Wreath .....	46	Fig Vine .....	27	Myoporum .....	63	Streptosolen .....	65
Broom .....	61	Flame Tree .....	50	Myrtus .....	63	Strobilanthes .....	65
Buddleia .....	56	Flowering .....		Nandina .....	63	Sumac .....	65
Burning Bush .....	65	Perennials .....	66-67	Oak .....	44-50	Sweet Gum .....	42
California Holly .....	64	Forsythia .....	45	Oleander .....	64	Sweet Shrub .....	45
California Laurel .....	50	Fraxinus .....	42	Oleaster .....	60	Sycamore .....	46
Callistemon .....	58	Fremontia .....	58	Orchid Tree .....	48	Syringa .....	28-46
Calycanthus .....	45	Fuchsia .....	60	Oregon Grape .....	63	Tamarix .....	46-50
Camellias .....	57	Gardenia .....	61	Osmanthus .....	64	Taxodium .....	54
Camphor .....	48	Gelsemium .....	27	Palms .....	25	Taxus .....	54
Cannas .....	66	Genista .....	61	Pampas Grass .....	26	Tea Tree .....	62
Cape Jasmine .....	61	Ginkgo .....	42	Pansies .....	67	Tecoma .....	28
Carnations .....	66	Gold Flower .....	61	Parkinsonia .....	50	Teucrium .....	65
Carob .....	48	Golden Bells .....	45	Passiflora .....	28	Thunbergia .....	28
Cassia .....	58	Grevillea .....	49-61	Passion Vine .....	28	Thuya .....	54
Casuarina .....	48	Hackberry .....	42	Peach, Flowering .....	43	Thuyopsis .....	54
Catalina Cherry .....	64	Hakea .....	61	Pea Vine .....	27	Tree Roses .....	41
Catalpa .....	42	Hardenbergia .....	27	Pentstemon .....	67	Trumpet Flower .....	27-28
Cedrus .....	51	Harpullia .....	49	Pepper Tree .....	50	Tulip Tree .....	42
Ceanothus .....	58	Hawthorn .....	45	Perennial Flow- ering Plants .....	66-67	Ulmus .....	44-50
Ceratonla .....	48	Heather .....	59	Petunias .....	67	Umbellularia .....	50
Cercis .....	45	Hedera .....	27	Philadelphus .....	28-46	Umbrella Plant .....	26
Cestrum .....	58	Hibiscus .....	62	Phlox .....	67	Umbrella Tree .....	43
Chamaecyparis .....	51-52	Holly .....	62-63	Photinia .....	64	Verbenas .....	67
Cherry, Flowering .....	44	Honeysuckle .....	28	Picea .....	53	Veronica .....	65
Choisya .....	56	Hydrangea .....	61	Pinus .....	53	Viburnum .....	46-65
Chorizema .....	58	Hypericum .....	61	Pittsoporum .....	63-64	Vinca .....	28
Cissus .....	27	Ilex .....	62-63	Plantanus .....	43	Vines .....	27-28
Cistus .....	58	Incense Cedar .....	53	Plumbago .....	28	Violets .....	67
Clematis .....	27	Iochroma .....	62	Plum, Flowering .....	44	Virginia Creeper .....	27
Cocculus .....	58	Ironwood .....	50	Podocarpus .....	53	Weeping Mulberry .....	44
Coprosma .....	58	Ivy .....	27	Poinsettia .....	64	Weeping Willow .....	44
Coral Tree .....	42	Jacaranda .....	49	Polygala .....	64	Weigela .....	46
Cork Oak .....	50	Japanese Rose .....	45	Pomegranate, Flowering .....	46	Wire Vine .....	28
Cornus .....	45-48	Jasmine .....	28-62-63	Poplar .....	44	Wisteria .....	28
Coronilla .....	59	Jerusalem Thorn .....	50	Privet .....	62-63	Yucca .....	26
Cotoneaster .....	59	Jessamine .....	27	Prunus .....	44-64	Yew .....	54
Cottonwood .....	44	Juniperus .....	52-53				
Crab, Flowering .....	43	Kerria .....	45				
Crape Myrtle .....	46	Kudzu Vine .....	28				

▼ **Armstrong** ▼  
**Nurseries**  
Ontario  
California  
**1931**

