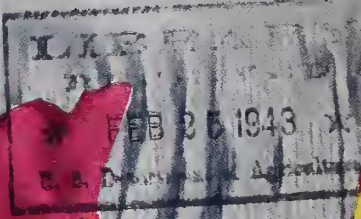


1. Manchu Cherry (page 26)
2. Royal Trumpet (page 61)
3. Miss Clipper (page 68)
4. "Bronzino" Hibiscus (page 53)



**Armstrong  
Nurseries**  
Ontario California  
1943



# Armstrong

## There is a Difference

**Not all citrus trees are the same.** You have seen some orange trees loaded down with high quality fruit and others that were scrubby things with little or no fruit on them and that possibly of an inferior type. Care after planting has a lot to do with it (that is up to you), but in most cases the kind of mature tree you get is determined by the kind of young tree you plant (that is up to us).

**Five, ten, twenty years** after you plant, that's when you really appreciate an Armstrong Citrus Tree, because that's when you'll be enjoying the big crops, the superior quality for which Armstrong strains are famous.



The New Robertson Navel Orange Produces heavier crops and starts to ripen several weeks earlier in the winter season.

## Planting Calendar for Citrus

The black squares under every month in the planting calendar below indicate that you can plant citrus trees (either balled or bare root) during any month in the year (spring months are slightly preferable). The few citrus varieties that are available in tins may also be planted at any time during the year.

Month	J	F	M	A	M	J	J	A	S	O	N	D
	■	■	■	■	■	■	■	■	■	■	■	■

## Shipping Weights and Costs

Citrus trees are usually supplied with a burlap-wrapped ball of earth on the roots, but bare root trees may be supplied if specially requested, and we recommend bare root trees to distant points to save transportation expense. Balled, 1-year trees weigh 40 lbs.; 2-year trees, 60 lbs.; specimens 125 lbs. Bare root trees, 1-year, weigh 2 lbs. for the first tree and 1 lb. for each added tree. See page 41 for shipping costs.

## No Magic Formula

For 53 years, always under the same management, Armstrong Nurseries has been furnishing superior citrus trees to the orchardists and home planters of the Southwest. Many of the finest and largest producing orchards in this State are planted with Armstrong grown trees, and no matter in what town you live, you're sure to find in nearby home gardens Armstrong citrus trees providing large quantities of wonderful fruit for their owners.

No magical secret methods are involved in the production of this superior type of citrus tree by the Armstrong Nurseries but painstaking attention to the details of seed selection, rigid grading of seedlings, modern bud selection methods and careful growing and digging practices produce an Armstrong tree which is inherently vigorous and productive.

## Top-Work Your Old Trees

Unauthorized reproduction of patented citrus varieties, including Armstrong Seedless Valencia, Robertson Navel, Summernautel or Armstrong Seedless Lemon either as nursery grown trees or as top-worked orchard trees is prohibited under the terms of the U. S. Plant Patent Laws. Licenses for top-working orchard trees to these varieties may be secured from the Armstrong Nurseries for a very small charge. Write for information if interested in top-working.

## For Arizona Planters

Trees of the Robertson Navel Orange, Armstrong Seedless Valencia Orange and Summernautel Orange are available for planting in Arizona from Mr. H. H. Wasser, Nurseryman, Route 2, Box 217 (7220 North 12th Street), Phoenix. Mr. Wasser also is authorized to issue licenses for top-working orchard trees to the above varieties in Arizona.

## Are You Up-to-Date?

Do you know just how good citrus fruit can be or what new improved kinds have been developed over the past ten years? Most planters are not aware of the progress made in citrus fruits recently.

We are constantly testing new citrus varieties and offering them for your profit and pleasure when we are convinced that they are worthy of recommending to you. New improved citrus kinds which we definitely recommend include: The heavy bearing, early ripening Robertson Navel for winter oranges; the Armstrong Seedless Valencia for seedless summer orange juice; the Armstrong Seedless Lemon for seedless lemonade the year around; the Summernautel, a delicious juicy orange which reverses the Navel season by ripening in the summer.

Then there are those richly flavored, juicy Pearl Tangelos; the heavy bearing, ornamental, cold-resistant Calamondin; and the juiciest and finest of all Tangerines, the Kara and Kinnow.

You might as well have the finest in citrus fruits while you are planting. Many of these kinds are available only at Armstrong because only Armstrongs have taken the trouble to search them out, test them and grow them for you.

## Be Sure It's Genuine

Every tree sold of the Armstrong Seedless Valencia (Plant Pat. No. 124), the Robertson Navel (Plant Pat. No. 126), the Summernautel Orange (Plant Pat. No. 347), and the Armstrong Seedless Lemon (Plant Pat. No. 342), carries a tag bearing its patent number, and unless it does carry such a tag, it is not a genuine tree of the varieties named.

## Armstrong Seedless Valencia Orange

**Armstrong Seedless Valencia. FC20.** Throughout the world wherever oranges are grown the Valencia has long been considered the finest summer juice orange, but until the introduction of the Armstrong Seedless Valencia two years ago, there had never been a Valencia without seeds. The ordinary kind contains from 4 to 8 seeds and usually 6 or 8 which must be strained out each time that juice is squeezed. Housewives throughout the country will welcome this new seedless orange.

In appearance the Armstrong Seedless Valencia is similar to the ordinary Valencia, but possibly finer textured, with much less rag and a little better quality. The vigorous trees bear heavy crops of beautiful seedless fruit. Although an occasional seed may be found, you will have to hunt through hundreds of fruits to find one. You can throw away your orange juice strainers when you have this new Seedless Valencia in bearing.

	Each	Per 10
1-year trees	\$2.75	\$25.00
2-year trees	3.00	27.50

Ten assorted citrus at the 10-rate.



### Armstrong

**Seedless Valencia**  
When cut in half, the fruits of the Armstrong Seedless Valencia Orange show only clear, juicy flesh, with no seeds in evidence, as shown in this picture.

# California Citrus

## Robertson Navel Orange

**Robertson Navel. FC23.** The finest winter ripening orange for California—that is what we claim for this new, improved, early ripening, heavier producing orange. Young trees two and three years old are loaded down with fruit, bearing two or three times as much as trees of the Washington Navel of the same age, and it continues to far outbear that variety after the trees are mature. You will not have to wait for fruit on the Robertson because it starts producing almost as soon as you plant the trees.

The Robertson Navel is the best winter orange and the one you will find most profitable because—

1. In appearance, color, tenderness, flavor and juiciness the Robertson is equal to the finest Washington Navel, making it the best eating orange in the world.
2. The Robertson is by far the heaviest bearing Navel Orange, far more productive than the Washington Navel. It consistently bears more boxes per tree and per acre, even though the tree is slightly smaller than Washington.
3. The Robertson tree usually starts to bear as soon as it is planted.
4. The fruit is smooth, uniform, and nearly all of it in the desirable medium sizes.
5. You can pick the fruit two to three weeks ahead of the Washington Navel, well before Christmas, before the heavy winter frosts. This is an exceedingly important characteristic in the early ripening citrus areas such as the San Joaquin Valley. In that section Robertsons are sweet, colored and ready to pick early in November.

	Each	Per 10
1-year trees .....	\$2.75	\$25.00
2-year trees .....	3.00	27.50

Ten assorted citrus at the 10-rate. Write for special low prices on 25 or more trees. See also "All-Year Trio" Offer on page 3.

## Standard Orange Varieties

	Each	Per 10
1 year trees.....	\$1.90	\$16.50
2 year trees.....	2.35	21.00

Ten assorted citrus at the 10-rate. Write for special low prices on 25 or more trees. See also "All-Year Trio" on page 3.

**Washington Navel. FC28.** This famous seedless, winter ripening Orange is largely responsible for California's world-wide citrus fame. The fruit is large, with the characteristic navel at the blossom end, and in flavor, juiciness and general high quality, it is not excelled by any other Orange. The skin peels off readily, while the sections are easily separated without breaking. While easily grown anywhere in Southern California, it is at its best in the foothills and the valleys a few miles removed from the coast. December to April.

**Valencia. FC27.** The best summer orange the world over is the Valencia. Valencias begin to ripen in May and are available throughout the summer and fall months. The medium-sized fruit is juicy and sweet, with few seeds, and the tree is the largest of all citrus varieties. Most of the summer orange juice consumed in the United States comes from the Valencia. If you want your orange juice absolutely seedless, you will want the new Armstrong Seedless Valencia on opposite page. April to October. Also extra size specimens, \$4.50 ea.

**St. Michael. FC25.** Sometimes called "Paper-Rind" because of the thinness of the skin on the medium sized, richly flavored fruits which are exceedingly sweet and juicy. Ripens between the Navel and the Valencia, and is a fine home fruit. February to April. 1-year trees only.

## The Best Blood Orange

**Ruby Blood. FC24.** This is the best Blood Orange. Of medium size, very sweet and juicy. 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 delicious, and the fruit meets any home use. February to May.

**Rico. FC22.** A new spring-ripening orange from Puerto Rico, still under trial. The fruit is medium sized, thin-skinned, practically seedless, and is almost solid juice with very little "rag" in the fruit. It bears well, and is sweet, but lacks acid. May have possibilities as a winter commercial orange in Coachella and Imperial Valleys. 2-year trees only.



Both of Them Three Years Old  
Both Paulette and the Robertson Navel Orange tree shown above are three years old.



## Why the Robertson Navel Sets Heavy Crops

The photograph above shows why the Robertson Navel always sets a heavy crop. The larger cluster of fruits on the right are Robertson Navels, while the smaller fruits are ordinary Washington Navels. Both are average specimens of each variety picked in the same orchard on July 10th. The fruit of the Robertson is so large in June and July that hot weather affects it but little, while it causes the smaller fruits of the Washington Navel to drop.

## New Summernavel Orange

**Summernavel Orange. FC26.** No orange is so good to eat as a Navel. Their quality, fine full flavor and firm juiciness has made California famous, but—until last year Navel oranges have been available only in the winter and spring. Now Armstrong offers the new Summernavel, a beautiful, large, juicy, full-flavored Navel orange, as good as any you ever tasted, but ripening in the summer months.

The fruit of the Summernavel is not ready to pick until March—it is at its best in June and July, and hangs on if you wish until October. The reason people like Navel oranges best to eat is because they peel so easily and the sections separate readily. It is a pleasure to eat them out of hand. There is nothing so enjoyable as a salad made from the firm yet juicy luscious segments of the Navel Orange, but heretofore housewives have never been able to make such salads except in the winter and spring because there were no Navels available. Now they can be had all through the warm summer when such salads are most enjoyed.

The Summernavel bears large size fruit. We don't see how it could be finer in quality. The tree is large-leaved and vigorous, bearing excellent crops. It's the newest thing in California citrus fruit. Plant Pat. No. 347.

	Each	Per 10
1-year trees .....	\$3.00	\$27.50
2-year trees .....	3.50	30.00
Extra size specimens.....	5.00	

Ten assorted citrus at the 10-rate. Write for special low prices on 25 or more trees.

## Juicy Summernavel Orange Slices and Sodus Purple Raspberries

Only by planting the Summernavel can you have a salad like this in the summertime.



# Armstrong Limes, Grapefruit, Lemons

## The Piquant Limes

Everybody knows that limeade is one of the most delicious and refreshing of all drinks. Lime trees grow rapidly and bear fruit almost at once and continue to produce heavy crops. They are more susceptible to frost than other citrus fruits, and in colder sections the Eustis Limequat (see page 5) or the Calamondin (pictured at left) should be planted since their fruits will serve the same purposes as those of the lime.

### The Best Lime

**Bearss Seedless Lime. FC11.** This is the largest and finest of all, predominating at the present time in both commercial and home plantings. It has all of the good qualities one could ask for in a Lime, producing heavy crops of beautiful, seedless, highly acid fruits with rich Lime flavor, ripening most of its fruit in the summer when Limes are most in demand. The tree is large and vigorous, almost thornless, and slightly hardier than the Mexican. Limes have been one of the best paying citrus fruits in recent years. 2-year trees, \$2.75 each, \$25.00 per 10; extra size specimens, \$5.00 each. Write for special low prices on 25 or more trees.

**Rangpur Lime. FC12A.** The beautiful deep reddish orange fruits, shaped like a tangerine, are as handsome as any citrus fruits you ever saw, and they are just as good inside as they look outside. This is the most resistant to cold of all the limes we grow, and it has some of the most beautiful big white fragrant blossoms that you have ever sniffed at too. We recommend it as a combination fruit and ornamental. Bush form, gal. tins, \$1.00 each, \$9.00 per 10; 5-gal. tins, \$2.50 each, \$22.50 per 10.

### Sweet Lime

**Sweet Lime. FC13.** The fruit of this variety has the characteristic Lime flavor, but the juice is so sweet that it may be taken without sugar. Large, yellow, very juicy fruits on a large, handsome tree which bears enormous crops of fruit, and is considerably hardier than either Bearss or Mexican. You will find this fruit excellent to eat any time out of hand and that the juice makes a most refreshing and unusual drink. 1-year trees, \$2.50 each, \$22.50 per 10; 2-year trees, \$2.75 each, \$25.00 per 10.

## Grapefruit (Pomelo)

Every family is using more and more grapefruit each year and every home grounds should have a tree or two, for they are easily grown with little care in most of California. There is considerable difference in the strains of Grapefruit. We are confident that the buds from which Armstrong Grapefruit trees are grown come from the finest type and heaviest producers now available.

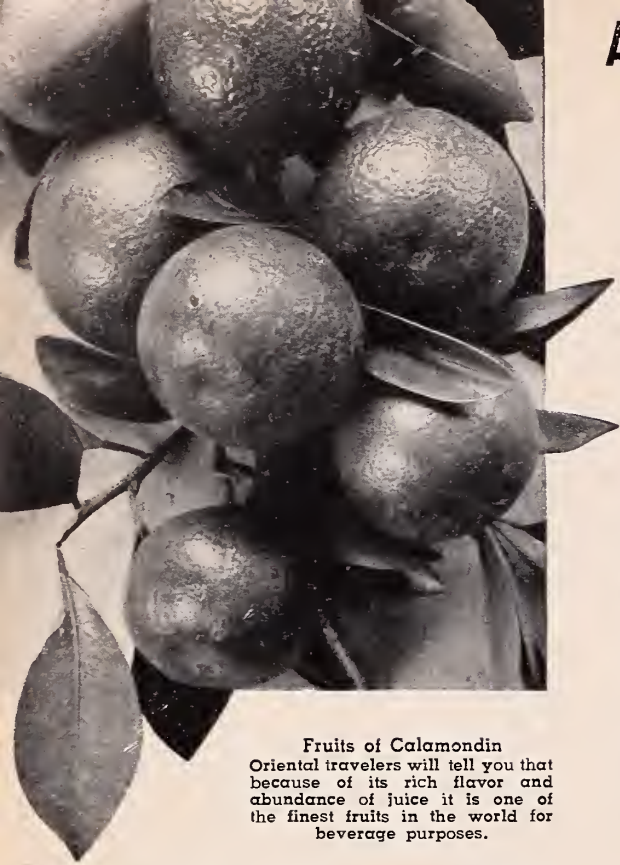
1-year trees, \$1.90 each, \$16.50 per 10; 2-year trees, \$2.35 each, \$21.00 per 10. Write for prices on 25 or more. 10 assorted citrus sold at the 10-rate.

**Marsh Seedless. FC2.** Most commercial plantings of grapefruit in California and Arizona are of this variety. The fruit is large, practically seedless, with a thin rind, abundant juice, and exceptionally fine flavor. The tree is a vigorous and compact grower and bears very heavily. Grapefruit in the Southwest are thinner-skinned and sweeter in the inland desert sections, but in all locations the Marsh Seedless is the best variety. Ripens December to May in desert, May to August near coast.

**Thompson Grapefruit. FC4.** (Pink Marsh Seedless.) A sport of the Marsh Seedless Grapefruit which bears fruit with decidedly pink flesh. In the desert regions of California the Thompson has richly colored deep pink flesh, almost red, while in districts nearer the coast the flesh has a pale, delicate pink color, varying in intensity throughout the ripening season. Aside from the novelty of colored flesh, the Thompson is a splendid seedless Grapefruit just as good in quality as the Marsh, wherever grown.

## For Beauty and Marmalade

**Brazilian Sour Orange. FC25A.** Provides lots of luxuriant big citrus foliage and big orange-red fruits. A beautiful ornamental tree from coast to desert and easy to grow. All the best English and Scotch marmalade is made from the Sour Orange. Unexcelled for espalier against a wall. Gal. tins, \$1.00 each, \$9.00 per 10; 5-gal. tins, trained as espalier on trellis, \$3.50 each; large specimen 3-yr. old heads on 5-ft. trunks, \$6.00 each.



**Fruits of Calamondin**  
Oriental travelers will tell you that because of its rich flavor and abundance of juice it is one of the finest fruits in the world for beverage purposes.

## Beautiful Tree, Delicious Fruit

**Calamondin. FC1.** Beautiful, densely-foliaged, tall, slender citrus tree from the Philippines, probably the most resistant to cold of all edible citrus fruits. It bears great quantities of little highly-colored fruits, reddish-orange inside and out, with an excellent unique flavor and with more juice to the square inch than any other citrus fruit. The fruit keeps ripening for some months, not all at once. Delightful for beverage purposes and a splendid ornamental. It makes delightfully delicious marmalade unique and different in flavor. Bush form, gal. tins, \$1.00 each, \$9.00 per 10; 5-gal. tins, \$2.50 each, \$22.50 per 10; tree-shaped, 2-year, \$3.00 each; extra size specimens, 3-year, \$4.50 each.

This Is the Way Your Armstrong Grapefruit Trees Will Produce  
A cluster of 47 Marsh Seedless Grapefruit on a young Armstrong tree. Mr. J. C. Watt, in charge of our Citrus Department views results of his efforts.





**Bearss Seedless Lime**  
First Choice for Home or Commercial Planting

## The Famous Meyer Lemon

Illustrated in Color on Next Page

**Meyer Lemon. FC9.** A Lemon tree that does not freeze even in the most severe California frosts, which ripens fruit almost throughout the year, fruits that are orange-colored, bigger and juicier than the average Lemon and make the finest lemon pie you ever tasted. A tree that is beautiful in appearance, has the biggest and most fragrant citrus blooms (not white but pink), which grows easily anywhere in California (or anywhere in the South and Southwest) from coast to the hottest desert valleys, and bears heavy crops always. This is the Meyer or Chinese Dwarf Lemon, the ideal home Lemon tree. As a single tree, for a hedge or as a pot plant the Meyer will give satisfaction. The tree-shaped plants listed below will make a large tree more quickly but are not so ornamental to start with as the bushy type. Bush form, gal. tins, 85c each, \$7.50 per 10; 5-gal. tins, \$2.25 each, \$20.00 per 10; trained in espalier form, 5-gal. tins, \$3.50 each; tree shape, 1-year, \$2.00 each, \$17.50 per 10; 2-year, \$2.50 each, \$22.50 per 10; balled, extra size specimens, \$4.50 each.

**Ponderosa Lemon. FC10A.** If you want lemons that are really big, and we mean big (12 inches in circumference), this is the one for you. And you won't have to wait long either because it's a dwarf tree and starts producing right now. We grow them in the containers and you can keep them there for a long time if you wish, or plant it out in the ground. The tree is hardier than any other Lemon that we list except Meyer. Bush form, gal. tins, \$1.00 each, \$9.00 per 10; 5-gal. tins, \$2.50 each, \$22.50 per 10.

## Tangelos, Delightful Juice Fruits

The Tangelos are citrus hybrids obtained by crossing the Tangerine and the Grapefruit. They are easily grown, bear very heavy crops at an early age and are just as hardy as Oranges. Better than Grapefruit for areas immediately adjacent to the coast because they get sweet there while Grapefruit does not.

**Sampson Tangelo. FC30.** This is the best known of the Tangelos, and its golden-yellow, glossy skinned fruits are filled with a delicious orange-red juice which combines in a delightful way the zestful tang of the grapefruit and the sprightliness of the Tangerine. Next to the Kara Mandarin we consider this to have the most delicious juice of all citrus fruits. Colors up early in the winter but should be allowed to stay on the tree until late winter or spring to get its full sweetness. February to May. 1-year trees, \$2.75 each, \$25.00 per 10; 2-year trees, \$3.00 each, \$27.50 per 10.

## Pearl, Queen of the Tangelos

**Pearl Tangelo. FC29.** Not only is this new Tangelo exceedingly delicious but it has the most ornamental tree of all the Tangelos, with the long, dark green, willow-like leaves packed thickly on the pendulous branchlets to make a very beautiful specimen. The fruit is medium size, rounded, glossy like an orange, with a most pleasant flavor quite different from that of the Sampson. It ripens earlier than Sampson, and one tree of each will give you delicious Tangelo juice over half the year. January to March. 1-year trees, \$2.75 each, \$25.00 per 10; 2-year trees, \$3.00 each, \$27.50 per 10.

*Armstrong Citrus will give you the same fine results others have been getting for 53 years*

## Lemons

There are so many uses for Lemons that no home garden should be without a tree. Most Lemon varieties are not quite as hardy as orange trees, but for home use may safely be planted anywhere except in the very cold interior or northern districts. For these colder sections we recommend the Meyer Lemon (illustrated on page 5). For milder locations we think there is no finer Lemon than the Armstrong Seedless.

### Prices on Lisbon and Eureka

1 year trees.....	\$1.90	\$16.50
2 year trees.....	2.35	21.00
Extra size specimens.....	4.50	.....

### Ten assorted citrus at the 10-rate.

**Eureka. FC7.** In recent years 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. The California lemon industry is largely founded upon the Eureka. If you want a Lemon like the Eureka but entirely seedless, plant the New Armstrong Seedless Lemon.

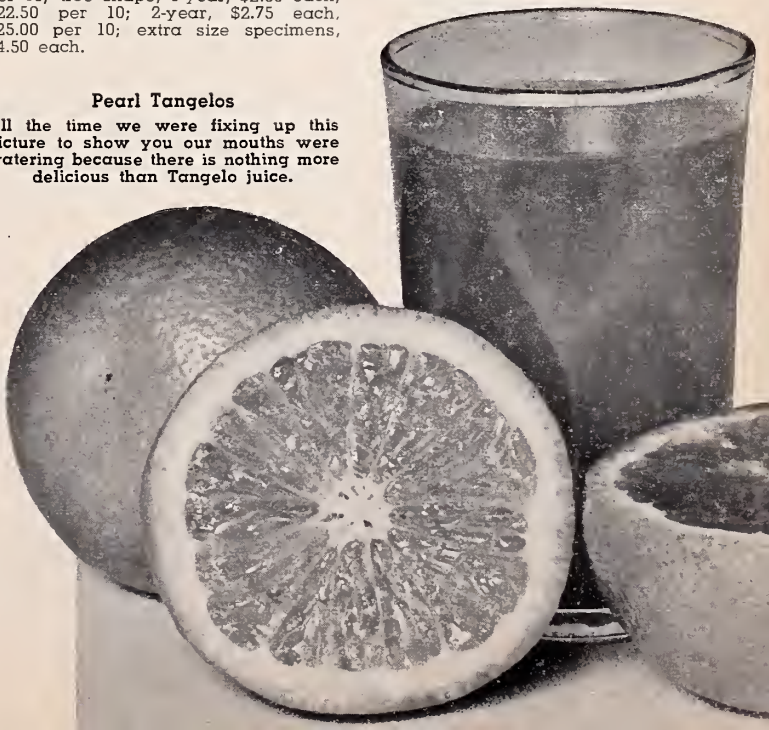
**Lisbon Lemon. FC8.** Although not planted as widely as Eureka, the Lisbon is highly favored in certain sections because the tree is exceedingly strong and vigorous, much more so than Eureka, and it is also much longer-lived. The buds for our trees were taken from an orchard tree which had a production record of 2749 pounds of fruit in one year and has been consistently near that figure. The parent tree was grown from buds selected by Mr. A. D. Shamel of the U. S. D. A. for type, production and vigor.

## Real Pink Lemonade

**Pink Fleshed Lemon. FC10.** Nature was in a gay mood when this unusual Lemon was created. The foliage is striped and variegated in many shades of green, pink, and white, but is normal and vigorous otherwise. The fruit is of medium size, juicy, and of good quality (it is a sport of Eureka), but astonishingly enough it is also striped in green and white, while the flesh and juice are a rich pink color. With its pink flower-buds added, it is a most unusual and unique tree—exceedingly ornamental as well as useful. Bush form, gal. tins, \$1.00 each, \$9.00 per 10; 5-gal. tins, \$2.25 each, \$20.00 per 10; tree shape, 1-year, \$2.50 each, \$22.50 per 10; 2-year, \$2.75 each, \$25.00 per 10; extra size specimens, \$4.50 each.

### Pearl Tangelos

All the time we were fixing up this picture to show you our mouths were watering because there is nothing more delicious than Tangelo juice.



## The New Armstrong Seedless

**Armstrong Seedless Lemon. FC6.** Now we are able to offer to California planters what we have been wanting for a long time—a Lemon of the finest quality with no seeds. Gone is the inconvenience of fishing seeds out of your lemonade. The variety was discovered in Riverside a few years ago and has been tested in a number of locations with the same uniform results, a total absence of seeds. Where planted with other Lemon varieties, an occasional seed may be found due to cross-pollination, but even then the seeds will be so rare they will be found only once in hundreds of fruits. Seedlessness would not be worthwhile unless quality was present. In this new Armstrong Seedless Lemon, however, the quality is just as good as in the famous Eureka Lemon to which this variety is almost identical in every respect except the presence of seeds. The fruit is large, smooth-skinned, juicy, and the tree bears heavy crops. Just as the Armstrong Seedless Valencia Orange does away with seeds in summer orange juice, so does this new Lemon dispense with seeds in lemonade. Plant Pat. No. 342.

One-year trees, \$2.75 each, \$25.00 per 10. Two-year trees, \$3.00 each, \$27.50 per 10; large specimens, \$4.50 each.

## Extra Size Specimens

We have found that many of our customers wish to get citrus trees larger than the regular 1 and 2-year grades for home planting, in order to get a large tree more quickly. To meet this demand, you will find listed under most citrus varieties extra size specimens on which we leave most of the top when they are dug. We take them up with an extra size ball of earth on the roots (about 125 lbs.) so that they are not checked in growth.

# Citrus

## For Potted Plants

For the patio, outdoor stairway, garden walks and terraces in many California gardens, there is no more delightful potted plant than one of the citrus trees, with its glossy foliage, fragrant blooms and orange or yellow fruits. We have grown certain varieties in bush form as potted plants, kinds which will keep in good condition in a container for a reasonable length of time. Full descriptions of these varieties, with sizes and prices, are given under each variety in this section of the catalog, but for easy reference we mention them here. All are very hardy (15°) except Pink-Fleshed Lemon (22°).

**Meyer Lemon.** See page 4.  
**Calamondin.** See page 3.  
**Rangpur Lime.** See page 3.  
**Otaheite Orange.** See below.  
**Pink-Fleshed Lemon.** See page 4.  
**Myrtle-Leaved Orange.** Below.



The New Kara Mandarin  
 Amazingly juicy, with a new and different flavor.

## Mandarin Oranges (Tangerines)

The Mandarin Oranges, or Tangerines, as they are more popularly called, are splendid fruits for home planting because of the heavy crops of sweet, juicy, uniquely-flavored fruit which everyone likes.

### Price On All Mandarins

	Each	Per 10
2-year trees	\$3.00	\$27.50

Kara and Kinnow, the two Mandarin Oranges listed below, originated by Dr. Frost of the University of California Citrus Experiment Station, are, in our opinion, just about the finest eating of all the citrus fruits. Maybe we should say drinking, because these beautiful golden thin-skinned Mandarins are bursting with unbelievable quantities of the most delicious, sweetest and richest flavored juice that ever trickled over the palate. How full of vitamins they must be, and what a pleasant way to take them! The trees are vigorous and heavy bearing.

**Kara Mandarin. FC17.** This hybrid between Satsuma and the King Mandarin is the largest of these two new varieties. Its beautiful rich orange flesh, while firm, is exceptionally tender and juicy, and so sweet and rich in flavor that it can be diluted fifty per cent with water and still taste better than most citrus juices do taken straight. You can get more juice out of these beautiful golden orange fruits than you would believe possible, and they have an entirely new flavor in citrus fruits. February to April.

**Kinnow Mandarin. FC18.** These smooth-skinned, glossy, yellowish-orange fruits are a little smaller than the Kara, but both in tree and fruit this variety is the most beautiful in appearance. The tree is a heavy bearer, producing great quantities of the handsome delicious fruits, exceedingly juicy and full of flavor. We have listened to many arguments among the experts as to which is the better, Kara or Kinnow, and if Mr. Gallup took a poll, he would probably find that 50 per cent like Kinnow best and the other 50 per cent like Kara. They are quite different, so we'll let you decide. If it's just looks you want, then you had better plant Kinnow. January to April.

## An Old Favorite

**Dancy Mandarin. FC16.** Most of the tangerines you buy in the market are of this kind because it's an old variety planted commercially for many years. Large, handsome, thin-skinned, orange-red fruits, borne on a big, vigorous, heavy producing tree. It is a very satisfactory Tangerine everywhere in the citrus district but we would prefer to sell you a Kara or Kinnow because we think the quality is better.

## Satsuma

**Satsuma (Owari). FC19.** The hardest orange that we grow, and for this reason can be planted where other citrus fruits will not succeed, but it is one of the best for any district because its big, flat, loose-skinned, deep orange fruits are sweet, tender and juicy, and best of all, they ripen early, long before Christmas, when almost no other citrus fruits are yet ripe. The tree is a dwarf, seldom more than 10 feet, bearing while very young. November to March.

**Clementine Mandarin. FC15. (Algerian.)** This excellent Tangerine has four distinctive characteristics. (1) The delicious medium-sized fruit is just about the sweetest of all the Tangerines; (2) the fruit has a rich red color; (3) next to Satsuma it is the earliest to ripen; and (4) its dark green, glossy, compact foliage makes it one of the most beautiful of citrus trees. It has been very profitable commercially in Coachella and Imperial Valleys. December to March.

## Otaheite Orange

**Otaheite Oranges. FC21A.** Splendid for a small pot or tub plant either for outdoor or conservatory use is this dwarf Orange. It makes a spreading little plant with broad handsome deep green citrus foliage, and bearing, even while very small, quantities of small 2-inch orange-yellow fruits, of no value to eat, but exceedingly ornamental. Quite hardy and will thrive in a comparatively small container for a long period of time. 5-gal. tins, bushy, \$2.00 each, \$17.50 per 10.

## Myrtle-Leaved Orange

**Myrtle-Leaved Orange (Chinotto). FC21.** A beautiful small ornamental fruiting shrub about 8 feet high, rounded and spreading, densely foliaged with handsome, little pointed myrtle-like leaves. Loaded every winter and spring with beautiful little golden yellow fruits, of no value to eat, but making splendid marmalade. Quite hardy (15°), it grows easily almost anywhere. Bush form, gal. tins, \$1.00 each, \$9.00 per 10; 5-gal. tins, \$2.00 each, \$17.50 per 10; tree shape, 2-year, \$2.50 each, \$22.50 per 10; extra size specimens, \$4.00 each.

## Kumquat

**Kumquat. FC5.** This little semi-dwarf tree from the Orient has a great abundance of its small, golden orange, olive-shaped fruits scattered over its rounded head of deep green foliage during most of the year. The tree seldom becomes more than 8 feet high, bears almost immediately after planting and is perfectly hardy almost anywhere in California. It does not bear well within ten miles of the seacoast but ripens enormous crops everywhere else. Most of the trees you get from us in the winter season will have a crop of fruit on when you plant them. Until you have tasted Kumquat marmalade, you have not eaten the best there is. 3-year trees, \$3.50 each, \$32.50 per 10.

## Eustis Limequat

**Eustis Limequat. FC14.** A cross between the Lime and the Kumquat. The fruit resembles a light yellow Lime and is thin-skinned, firm, very juicy, almost seedless, and is delicious when used like the Lime for beverage purposes. The tree is small, of rapid upright growth producing fruit almost immediately after planting, and bearing exceedingly heavy crops, the arching branching often being so lined with the beautiful yellow fruits that they arch over with the weight. From January to June the tree will give you and your family hundreds of delicious drinks of vitamin-rich, refreshing limequat-ade. Several degrees harder than Limes. 2-year trees, \$3.00 each; 3-year trees, \$3.50 each; extra size specimens, \$5.00 each.

### Meyer Lemon

The Meyer Lemon is hardy almost anywhere in California. See description on preceding page.



# Sub-Tropical Fruiting Trees and Plants

One of the most delightful things about owning a home place in California is that you can grow and enjoy so many interesting and unusual tropical and semi-tropical fruits. Some grow on bushes, some grow on trees, and the Armstrong Nurseries for years have specialized in seeking out and growing the best of these unusual fruiting trees and plants which are also most ornamental.

## Armstrong Loquats

The Loquat is much harder than most other sub-tropical fruit trees and thrives almost anywhere in California except in the mountain and desert regions. Loquats ripen in April and May when other fruits are scarce, and have a sprightly aromatic flavor which everyone enjoys, while Loquat jelly is just about the most delicious thing of its kind. The Loquat is a splendid small spreading evergreen tree for ornamental purposes alone. Hardy down to 15°.

**Prices on Advance and Champagne:** Balled, 1½ ft., \$2.25 each, \$20.00 per 10; 2-3 ft., \$2.50 each, \$22.50 per 10; 3-4 ft., \$2.75 each, \$25.00 per 10; 4-5 ft., \$3.50 each, \$32.50 per 10. Write for prices on 25 or more trees. See below for prices on Gold Nugget and Thales.

**Advance. FS21.** Large, pear-shaped, deep yellow fruits with delicious juicy white flesh. Possibly the most beautiful tree and one of the heaviest bearers. The fruit makes the finest loquat jelly you ever tasted. March to June.

**Champagne. FS22.** The big yellow-skinned, white-fleshed fruits are exceedingly juicy and richly flavored. Fine for both coast and interior areas. Its zippy, zestful flavor will please you, and it's just right for jelly. March to May.

**Thales. FS25.** The very large fruits of the Thales are deep orange in color and have rich orange flesh, much sweeter than the white kinds. Ripens late and is best suited to the coastal counties, but does well inland also. The tree starts to bear at an early age, and the great big fruit in great big clusters has been very profitable on the market lately. May to June. Balled, 1½ ft., \$2.50 each, \$22.50 per 10; 2-3 ft., \$2.75 each, \$25.00 per 10; 3-4 ft., \$3.00 each.

**Gold Nugget. FS24.** The glossy, deep orange fruits of this fine new Loquat rate right at the top in appearance and flavor. It will make you smack your lips and reach for more. Fruit of this variety has been bringing high prices on the market, but if you have a family, you'll find they'll eat it all up and there won't be any to sell. Best in coastal counties. May to June. Balled, 1-year trees, \$2.75 each.

## The Natal Plum (Carissa)

**Natal Plum (Carissa grandiflora). FS1.** 5-8 ft. 22° A lovely large shrub from South Africa, uniquely beautiful in flower, fruit and foliage. The rich glossy green foliage makes a splendid background for the star-like, intensely fragrant, white blossoms and the brilliant scarlet fruits which are about the size of a date or larger. Fruits and flowers appear at all times during the year. Naturally grows to a height of 6 or 8 feet with the same spread, but may be trimmed lower if desired. The fruits are edible, and when cooked they make a delicious jam suggestive of cranberry jelly and plum jam. The plant thrives in the extreme heat of the desert or in the cool moist weather of the coast, and is hardy almost anywhere in California. Plants in gal. tins, 75c each, \$6.50 per 10; 5-gal. tins, \$2.00 each, \$17.50 per 10.

**Armstrong Large-Fruited Natal Plum. FS2.** This is a fine selected strain of the Carissa described above which has fruit half again as large, beautiful big scarlet fruits that make a magnificent show on the plant and in a bowl. The leaves and the entire plant are a little larger too. The fruit ripens continuously, especially near the coast. Gal. tins, \$1.25 each, \$11.50 per 10; 5-gal. tins, \$2.75 each, \$25 per 10.

**Prostrate Natal Plum. FS3.** A lower growing form of Carissa, easily kept down with light pruning to 3 or 4 feet in height but becoming 8 or 10 feet across. Gal. tins, 85c each, \$7.50 per 10; 5-gal. tins, \$2.00 each, \$17.50 per 10.

## Melons on Trees

**Papaya. FS33.** 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 luxuriant, large leaved, tropical appearing plants grow with great rapidity and should bear their large, luscious, melon-like fruits within two years. Papayas require a warm, sunny, well drained location with plenty of water and fertilizer and must be kept growing rapidly in order to be a success. We cannot guarantee the plants that we send out to be successful because there are comparatively few locations in which they will thrive in California. Since the male and female flowers of the Papaya are borne on separate plants at least three plants should be planted together in order that at least one of each sex will be present. The plants that we offer are the famous Solo strain from Hawaii. Gal. tins, \$1.10 each, \$10.00 per 10; 5-gal. tins, \$2.50.

**Average shipping weight of sub-tropicals:** 5-gal. tins, 50 lbs. each; balled trees, 50 lbs. each; gal. tins, 10 lbs. each. See page 41 for shipping costs.



### Gold Nugget Loquat

This variety and Thales are the largest and sweetest, while Advance and Champagne have the zippiest flavor and make the best jelly.

## The Peruvian Pepino

**The Pepino (Solanum muricatum). FS35.** 28°. Is a handsome evergreen fruiting shrub from Peru, becoming 3 feet in height, producing from September all through the winter into the late spring quantities of large, oval, bright yellow fruits splashed with violet, 4 to 6 inches in length. The fruits are excellent in salads. Full sun. Gal. tins, 75c each, \$6.50 per 10; 5-gal. tins, \$2.00 each, \$17.50 per 10.

## Surinam Cherry

**Surinam Cherry. FS13. (Eugenia uniflora.)** 20°. Here is one of the most beautiful of the ornamental fruiting shrubs. A beautiful, glossy leaved, compact plant, branching close to the ground, it is good looking at all times during the year. In the spring it bears big crops of handsome, deep crimson fruits, ¾ to 1 inch across, like little 8-ribbed tomatoes. The fruits have a delicate aromatic flavor when eaten fresh, make a jelly that rivals that of the guava, and a delicious salmon-pink sherbet. Gal. tins, \$1.00 each, 5-gal. tins, \$2.50 each.

### The Natal Plum

Its brilliant scarlet fruits, handsome foliage, and fragrant flowers make it one of California's most popular fruiting ornamental plants.

## Rose-Scented Fruit

**Rose-Apple. FS39. (Syzygium jambos.)** 25°. A mass of broad, thick, shining green and bronze foliage, 8 or 10 feet high, luxuriant and handsome. It bears beautiful small, round, creamy white rose-flushed fruit, 1½ to 2 inches in diameter, deliciously rose-scented, which may be eaten fresh or used to make fragrant jelly or candied fruit. A pink mound of this delicious rose-scented jelly will really cause a sensation when you get it on the table. (The clusters of pink and white fruits make beautiful table decorations too.) The fruits, which are borne in clusters, are preceded by large, showy white flowers. Does best in coastal regions or foothill areas protected from the wind, in full sun or part shade. Likes plenty of moisture. Gal. tins, 85c each, \$7.50 per 10; 5-gal. tins, \$2.25 each, \$20.00 per 10.



# Armstrong Sub-Tropical

## Delicious California Cherimoyas

The Cherimoya is considered by many (including ourselves) to be the most delicious of the sub-tropical fruits. Originally from the highlands of Ecuador and Peru, it is now grown throughout the tropical and semi-tropical climates of the world, and everywhere is highly prized for the delicious flavor and quality of the large, green, heart-shaped fruits, which vary from a few ounces to more than three pounds in weight, with smooth, white flesh of the consistency of ice cream. They ripen in winter when fruits are scarce.

Cherimoya trees are fast growing, hardy down to 25°, and require about the same treatment as a citrus tree. They grow rather quickly to a height of from 12 to 20 feet, come into bearing in about three years, and should be planted about 20 to 25 feet apart. Next to the Avocado, we consider the Cherimoya to be the most important commercial sub-tropical fruit because of the exceptionally fine quality of those big, delicious, creamy fruits which everyone likes. They are easy to pick and handle either for home or market use. Newly discovered methods of hand-pollination insure big crops every year (our salesmen will tell you how to do it).

All Cherimoyas except Dr. White: 1-year trees, \$3.50 each, \$32.50 per 10. Dr. White, 50c per tree more.

**Booth. FS7.** A big, fine flavored fruit which has proved itself for 12 years in California and has been the most popular of all. From a tree in our growing grounds (now 12 years old) we regularly pick 500 to 600 fruits each year. Next to Deliciosa it is the hardiest.

**Deliciosa. FS8.** The most resistant variety to cold and wind, therefore, planted over a wider range. The fruit, though often small, is produced freely and regularly even without hand-pollination. The fruits have curious protuberances which make it difficult to handle for market but do not affect its value as a splendid home fruit. A beautiful looking tree.

**McPherson. FS10.** The biggest tree of those we list, bearing splendid high quality smooth, uniform fruits.

**Ryerson. FS11.** Big, smooth, uniform fruits of exceptionally good flavor. Most of its fruit ripens late in the winter and early spring when other kinds are gone. The trees bear young and heavily.

**Dr. White. FS9.** The newest of the Cherimoya varieties and we think it may be the best. Beautiful fruit with three outstanding qualities. (1) Fewer seeds; (2) an unsurpassed, unforgettable flavor; (3) lots of fruit. We are very enthusiastic about it. 50c per tree higher than other kinds.

## The White Sapote

White Sapote is a strong growing evergreen tree, considerably harder than most of the subtropical fruits, and thriving anywhere in California where the Orange tree grows. Trees bear enormous crops of fruit which look like green apples, ripening all through summer.

The fruit of the Sapote is very easily digested and contains much pepsin. The soft flesh has a rich peach-like flavor, and is delicious to eat any time. The tree of the White Sapote makes a beautiful evergreen shade tree for the home place. Its big, five-fingered leaves are always handsome, and you never have to worry about the tree bearing because it never misses a crop, usually starting to bear three or four years after planting. Hardy down to 20°.

Large, 1-yr. trees, balled, 3-5 ft., \$4.50 each, \$42.50 per 10.

**Pike. FS36.** A large spreading tree, growing with great vigor and rapidity, producing usually a light crop of fruit in the spring and a

heavy crop in the fall. The medium to small fruit is borne in clusters, deliciously flavored.

**Suebelle. FS37.** Many Sapote connoisseurs consider this to have the finest quality and flavor of all the Sapotes, and it begins to bear at a slightly earlier age than the others. The fruit is pear-shaped. A large spreading tree.

**Wilson. FS38.** A tall, slender tree with big, luxuriant foliage. It bears heavy crops of large fruit about the size of a big green apple, ripening continuously its enormous crops from August through to late January. A Wilson tree will often bear as many as 1,000 lbs. of fruit in one season—and delicious fruit too.

## California Olives

Olives will do well almost anywhere in California, thriving with a minimum of care and water. Hardy down to 10°. From northern Sacramento Valley down into Old Mexico, Armstrong Olive Trees are making money for their owners.

Right now Olives are California's best paying orchard crop, and the owner of an Olive orchard is in an extremely fortunate position. Few commercial plantings have been made in recent years and the outlook seems to be good for a long time to come. Pickled olives, both ripe and green, and olive oil made from California olives, are worth almost their weight in gold. And best of all for California, our climate gives this State almost a monopoly on olive production.

### Prices for Bare Root Olive Trees

(With tops pruned for planting)

	Each	Per 10
1/2-5/8 in. cal. (3 to 4 ft.)	\$1.60	\$13.50
5/8-3/4 in. cal. (4 to 5 ft.)	1.85	16.00
3/4-1 in. cal. (5 to 6 ft.)	2.25	20.00

Write for prices on 25 or more trees. Best time to plant, February to June, inclusive.

### Prices for Balled Olives, Unpruned

For ornamental planting we recommend trees with a ball of earth on the roots, the tops unpruned. 5 to 6 ft. trees, \$2.75 each, \$25.00 per 10.

Also large boxed specimens available.

**Shipping Weights for Olives:** 1/2-5/8 and 5/8-3/4 inch sizes, bare root, 2 lbs. for the first tree, 1 lb. for each added tree; 3/4-inch size, bare root, first tree 4 lbs., 2 lbs. for each added tree. See page 41 for shipping costs.

## Olive Varieties

**Ascalano. FS28.** Larger than any other variety grown in California. Big, oval, wine-colored fruit of exceptionally fine quality.

**Manzanillo. FS30.** The leading commercial variety for pickled purple olives and a good kind for oil too. Bears very heavy crops and the rich dark purple fruit is a little larger than Mission.

**Mission. FS31.** Old trees of this variety are still bearing well at some of the Missions where they were planted by the original Spanish Padres. Probably the best oil olive and good for pickles too. Olive oil is selling now for about \$5.00 per gallon, and it only takes 53 pounds of Mission olives to make a gallon of oil.



Strawberry Guavas Are Fine to Eat  
Fresh and Famous for Jelly.

## Passion Fruit

**Passion Fruit. FS34.** 28°. It is a splendid ornamental fruiting vine for the home, growing rapidly on fence or pergola. The seed from which our plants are grown are taken from the largest fruiting type and heaviest bearing vines to be found in this State. This is important because inferior strains are sometimes sold. The glistening purple fruits, about the size of a hen's egg, are exceedingly fragrant and may be eaten fresh or used in many table delicacies. Grow your own big, purple, fragrant "Easter eggs" and provide a beautiful mantle of glossy, handsome foliage for pergola, wall fence or building at the same time. Gal. tins, 75c each, \$6.50 per 10.

Dr. White Cherimoya, California's Most Delicious Sub-Tropical Fruit. This Armstrong Specimen Won a Blue Ribbon at One of California's Biggest Fruit Shows. It is pictured here two-thirds natural size. New pollination methods make it easy to get large crops on Cherimoya trees every year.





# Fruiting Trees and Plants

## Feijoa (Pineapple Guava)

Giant-fruited, grafted varieties of the popular fruiting ornamental shrub, the Feijoa, have long been an Armstrong specialty. A bowl of big, green Armstrong Feijoas will fill your living room with a delightful aroma which lasts for days and is like the fragrance of pineapple, strawberries, bananas and quince all thrown together. The fruit is good to eat, too, fine for salads and sherbets.

The plant of the Feijoa is handsome, the leaves glossy green on top, silvery gray underneath, with showy red flowers in spring. Becomes 15 feet high but easily kept lower by pruning. Makes fine big hedge. Fruit ripens in the fall. Hardy down to 5°. Do not confuse ordinary Feijoa seedlings with the large-fruited grafted varieties which we offer. The seedlings usually bear small fruit or may not bear at all.

All varieties listed: Gal. tins, \$1.35 each, \$12.50 per 10; balled, bushy, 1½-2 ft., \$2.25 each, \$20.00 per 10; 2-3 ft., \$2.50 each, \$22.50 per 10; 3-4 ft., \$3.50 each, \$32.50 per 10. Also plants of Superba, 4-5 ft., at \$4.00 each, \$37.50 per 10.

### Armstrong Grafted Feijoa Varieties

**Choiceana. FS15.** The fruit is the size of a large hen's egg, 3 inches by 2¼ inches. This variety is the very finest Feijoa, but Coolidge or Superba must be planted with it to insure cross-pollination.

**Coolidge. FS16.** 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 do not need cross-pollination.

**Superba. FS17.** Beautiful, big, round fruits, almost as large as a billiard ball. Must have another variety with it to insure cross-pollination.



Coolidge Feijoas

M-M-M-M, What a Heavenly Aroma They Have!

## Guavas

For eating fresh and for jelly the Strawberry and Yellow Strawberry Guavas are the finest small fruits that can be grown in California. They all make very handsome ornamental shrubs with their beautiful evergreen foliage, and are splendid for a medium-sized hedge. Ripen September to November.

**Strawberry Guava. FS19.** 5 ft. 20°. Handsome, glossy-leaved medium-sized shrub producing an abundance of luscious deep red fruits about the size of a large strawberry, highly prized for eating when fresh and unequalled for jelly. Hardy and easily grown anywhere in California. For a real treat for all the family, a clump of two or three, planted as ornamental shrubs, will be one of the finest improvements that can be made in any home garden. Gal. tins, 75c each, \$6.50 per 10; 5-gal. tins, \$2.00 each, \$17.50 per 10.

**Yellow Strawberry Guava. FS20.** 17°. Similar to the above but the yellow fruit is slightly larger and has the finest flavor of all the Guavas. Gal. tins, 75c each, \$6.50 per 10; 5-gal. tins, \$2.00 each, \$17.50 per 10.

**Lemon Guava. FS18.** 26°. Very large fruits, as big as a pear, but the flavor is a bit strong. Grows rapidly to 6 or 8 feet, has larger, lighter colored leaves and is more tender than the above two varieties. Did you know that Lemon Guavas were the most potent source of Vitamin C among all fruits? Much better than buying pills at a drug store. Gal. tins, 75c each, \$6.50 per 10.



Macadamia Nuts  
One-Half Natural Size

## Macadamia (Queensland Nut)

The Macadamia (FS26) is an evergreen sub-tropical nut tree from the Eastern coast of Australia, with a dense rounded head of long narrow dark green leaves, and attains a height of 20 to 35 feet. The nuts are about 1¼ inches in diameter, round and hard shelled, with a tender white kernel very rich in flavor, and are usually borne in considerable quantity, hanging on the trees like big bunches of grapes. The trees usually begin to bear in 3 to 5 years from time of planting. They are healthy, vigorous and easily grown almost anywhere in Southern California except in the very cold sections. Hardy down to 26°. The Macadamia is a beautiful ornamental tree for shade alone, and when you consider its crop of delicious nuts, it becomes doubly valuable. Gal. tins, \$1.25 each, \$11.50 per 10; 5-gal. tins, \$3.50 each, \$32.50 per 10.

## Plant Sub-Tropicals Anytime

The black squares under every month in the planting calendar below indicate that you can plant sub-tropical trees either balled, bare root or from gallon tins during any month in the year (spring months are slightly preferable).

Month	J	F	M	A	M	J	J	A	S	O	N	D
	■	■	■	■	■	■	■	■	■	■	■	■

### Wilson Sapote

Shown here is a young tree, but it's already bearing very heavily. It makes a fine medium-sized shade tree for any Southern California garden. The fruit shown below is from 2 to 4 inches across and ripens continuously over many months.



## The Tropical Mango

**Haden Mango. FS27.** 30°. That delicious, fragrant and most famous of all tropical fruits, the Mango, grows and bears well in the frostless coastal and foothill regions of Southern California. Trees must be kept well mulched and given plenty of water. The Haden is the best variety for planting in this State, and we pick delicious fruits of this variety every year grown within 10 miles of Ontario. Plants in 5-gal. tins, 1-2 ft., single stem, \$6.00 each.

## The Longan

**Longan. FS14.** (Euphoria longan.) The famous Litchi nut is a little too tender for our climate, but the Longan, a very close relative, makes a beautiful tree here and will bear very well. Medium sized, evergreen, its glossy foliage is particularly handsome in the winter and spring when it is covered with reddish-mahogany young growth. The fruit looks like a big, round, yellow-brown cherry, and the juicy, white, delicately flavored flesh is delicious. The tree likes a good deal of water and is happy in all of the coastal and milder foothill regions of California. Gal. tins, \$1.75 each.

Avocados are an Armstrong sub-tropical fruit specialty. See them on pages 21 and 22. Always include both name and code number of the item on your order sheet.

# Armstrong Prolific

## You Need This Information

All of the deciduous fruit and nut trees listed on pages 9, 10, 11, 12, 13, 14, 15, 16 can be planted only during the months indicated below by a black square.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	□	□	□	□	□	□	□	□	□

**When to Plant.** Deciduous trees (those listed on pages 9 to 14) should be transplanted during their dormant season, January, February and March. They are safely transplanted without dirt around the roots (the best method) only during this dormant season.

**Planting Instructions.** Our planting instructions are sent with each order and should be read before unpacking the trees. They have been carefully prepared on the basis of our many years of experience and contain helpful hints. Use tree protectors or tree white to avoid danger of sunburn. (See page 38.)

**Pruning.** All trees should be pruned back severely before planting. On small orders we do this for you unless you request otherwise. The sizes we list in our Catalog are the sizes the trees were before we pruned them. You can tell by the caliper (circumference) of the trunks. The reason for buying the larger trees is to get a bigger root system.

**Quantity Prices.** Ten assorted deciduous fruit and nut trees sold at the 10-rate. We can supply large quantity orders for certain varieties. Please write for a quotation.

**Distance Apart to Plant.** See the table on page 38.

**Shipping Weights.** See shipping costs on page 41. Allow for Apples, Peaches, Apricots 6-8 ft. grade first tree 5 lbs., each additional tree 3 lbs.; 4-6 ft. grade first tree 3 lbs., additional trees 1½ lbs. each.



The New Valmore Apple

## Crisp, Juicy Apples—Fine for Shade Too

### Southern California's Finest Red Apple

**Valmore. FD12.** This beautiful, new summer ripening apple is a splendid addition to those varieties which thrive under Southern California conditions, ranks right along with Winter Banana and White Pearmain in its consistent bearing qualities in this area. It bears heavy crops in San Joaquin Valley too. The big, round fruits of Valmore are magnificently colored, in fact, we have never seen a finer looking apple than these bright red fruits, with their underlying golden yellow color, often striped and blotched with scarlet and yellow on one cheek. Valmore is deliciously flavored, sweet and juicy, making delicious apple sauce and apple pie. Since there are few red-cheeked apples that we can definitely recommend for the lower altitudes of Southern California, we suggest including it with every home planting. Plant Pat. No. 238. 4-6 ft. trees, \$1.00 each, \$9.00 per 10; 6-8 ft., \$1.10 each, \$10.00 per 10. Write for prices on 25 or more trees.

### It is the Famous Yellow Delicious

**Yellow Delicious. FD16A.** For eating out of hand we cannot recommend a finer apple. When you bite through the golden yellow skin deep into the crisp sweet flesh you quickly discover that in Southern California apples can be grown which are tops in flavor. You squeeze out plenty of the richest, most refreshing apple cider you ever tasted as you crunch each bite. Much juicier than the average Red Delicious apple, you will be impressed with the character of the flavor—sweet but full of apple tang. Carefully stored fruit lasts until Christmas. Valmore, Winter Banana, and Yellow Delicious are the three apples we particularly advise each home planter to find room for if possible. It is often easier to do so when you remember that apple trees are excellent ornamental shade trees too. Yellow Delicious starts to bear young and can be relied upon to produce heavy crops in areas not considered apple country. September. 6 to 8 foot trees, \$1.35 each, \$12.50 per 10.

To avoid errors in filling your order, please include on your order sheet both the name of the item and the code number following the name.

It is very important that you pick the right Apple variety for your locality. Yellow Delicious Winter Banana, Yellow Bellflower, White Pearmain, Rhode Island Greening, Red Astrachan and the new Valmore all do excellently in the lower altitudes of Southern California. The late red Apples should be planted in the foothills and mountains, where it gets cold during the winter, to get satisfactory results.

#### Prices On Apples

(Except Valmore, Yellow Delicious and Transcendent Crab)

Caliper	Height	Each	Per 10
½-11/16 in.,	4 to 6 ft.	\$.80	\$7.00
11/16 in. up,	6 to 8 ft.	\$.85	7.50

Ten assorted deciduous fruit and nut trees sold at the 10-rate. Write for prices on 50 or more trees.

**Listed in Approximate Order of Ripening**  
**Red Astrachan. FD9.** Nearly covered with large crimson stripes; juicy, crisp, and rich in flavor. A heavy bearer, it has been Southern California's most dependable early summer Apple and a popular Apple everywhere for many years. July.

**Red Gravenstein. FD9A.** The new Red Gravenstein is all red and far more colorful than the old favorite. The large round fruits are of the same high quality. The earliest commercial apple and a seacoast favorite. -Aug.

**Valmore. FD12.** The new, red, summer ripening apple. See illustration and description at left. August.

### A Delicious Aroma

**Winter Banana. FD14.** The large, clear wax yellow apples with their delicate pink blush are beautiful in a bowl of mixed fruit. Whether you reach for one to eat fresh, to put in a pie or bake, you will immediately or eventually after cooking be impressed by the unusual flavor. The taste is what the enticing aroma promises it will be. Dependable in all districts, including the coast, you will get a crop every year.

**Yellow Delicious. FD16A.** A famous richly flavored variety. See description at left. Sept.

**Rhode Island Greening. FD10.** The favorite green apple of the entire country. Large, round; yellowish-green, with juicy mellow flesh. For cooking purposes it is unexcelled. Oct.

**Jonathan. FD8.** 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.

### For Late Apples

**Yellow Bellflower. FD16.** A standard market variety of California, best in the coast valleys. Oblong fruits with a pale yellow waxen skin, beautifully blushed on one cheek. Oct.

**Delicious. FD7.** Everyone knows Delicious, a magnificent variety of fine appearance and delightful flavor; large, conical, brilliant red, slightly splashed with yellow; flesh fine grained, crisp, and juicy. The standard of excellence in the apple. November.

**White Pearmain. FD15.** An oblong greenish-yellow apple, medium to large, juicy and mildly flavored. It bears well and has long been a standard variety, particularly for cooking. A good keeper. November.

**Winesap. FD13.** A standard late red apple, round, beautifully colored and of splendid quality, but in Southern California suitable only for the higher altitudes. December.

### Flowers and Crab Apples

**Transcendent Crab Apple. FD11.** We are not sure but that for most of Southern California this is the finest Apple tree that you can plant on the home grounds. First of all, of course, it produces enormous crops of beautiful medium-sized yellow fruits, handsomely striped with red, which make the finest kind of jelly, preserves and spiced pickles. It bears so heavily because it is the most resistant to delayed foliation of all Apple trees when in bloom in the spring, and you'll find the blossoms very fine for cut sprays. Third, it has very handsome dense foliage and makes a very nice looking small summer shade tree. August. 6-8 ft. trees, 95¢ each, \$8.50 per 10; 8-10 ft. trees, \$1.00 each, \$9.00 per 10.

### Now Two Display Yards

All genuine Armstrong products can now be obtained not only at our Ontario Display Yard but at our Branch in North Hollywood, corner of Magnolia Boulevard and Coldwater Canyon Avenue.

If you find it difficult to visit our yards send your order in by mail. We will get the plants safely to you by the best available means of transportation, whether it be by mail, express, freight, or our own trucks.

# Deciduous Fruit Trees

## Armstrong Peach Calendar

In Southern California it is now possible to enjoy peaches every year over a long season regardless of the weather. The new varieties are well adapted to our mild-wintered sections, and unlike the older kinds, bear each year so heavily that thinning or propping usually is needed.

Caliper Height	Each	Per 10
3/8-1/2 in., 3-4 ft.....	\$.70	\$6.00
1/2-11/16 in., 4-6 ft.....	.80	7.00

Rio Oso Gem 10c per tree higher than above prices. Golden Blush 25c per tree more. Write for prices on 50 or more trees.

All Peaches are listed below in order of ripening, and all are freestone unless otherwise stated.

### An Old Favorite

**Early Imperial. FD53.** This old favorite is still one of our most popular varieties. Perhaps it always will be because of its ability to bear tremendous crops early each spring. The medium size yellow fruits are crimson marked. The freestone pit separates easily from the juicy yellow flesh. A commercially proven variety. Crop ripens over several weeks in July.

### So. Calif.'s Favorite

**Babcock. FD49.** Unquestionably Babcock is now Southern California's most popular peach for both home plantings and market orchards. Juicy, richly flavored Babcock peaches particularly appeal to a great many people who demand them in preference to all other kinds ripening during the same interval. For six years now market reports show that Babcocks have sold for almost double the price per pound brought by other commercial varieties ready at the same time.

Picked, the fruit stays firm and attractive for many days, and on the tree ripens over a considerable period, which makes picking and handling easy and economical. Trees often bear the first season after planting and grow large with amazing speed. The beautiful red-cheeked fruit is fuzzless. The small, freestone pit is surrounded by juicy, sweet, white flesh. To insure good sized fruit, it is advisable to thin well and water frequently. Early July.

Note shipping weights for fruit trees top of opposite page. Use these in conjunction with shipping tables on page 41 to estimate shipping costs.

### New Early Elberta

**Early Elberta. FD51.** This new early ripening Peach is becoming much more important commercially in California than its later ripening namesake, Elberta, and both for home and market we can recommend it highly. The medium size fruit is almost round, yellowish, with a rich red cheek and a beautiful orange-pink cast to the skin. The flesh is of excellent quality, almost clear yellow, very firm so that it makes an excellent shipping peach for marketing. For Southern California one of its most valuable characteristics is the high resistance to delayed foliation so that it should produce a crop every year. If you want an early yellow freestone peach for any home use in Southern California, this is certainly the one you should plant. Middle July.

### C. O. Smith

**C. O. Smith. FD50.** Even more resistant than Babcock to delayed foliation and will never fail to provide a large crop of beautiful peaches every year in the mild wintered sections of the southwest. Too soft to be a commercial variety, it is larger than Babcock and is a wonderful Peach for home use. Its richly flavored, juicy white flesh is delicious indeed. This is the best white-fleshed peach for early summer home use in Southern California. Late July.

**Early Crawford. FD51.** Known for many years as one of the finest early yellow Peaches. Very large, round fruits, colored rich red and golden yellow; marbled yellow flesh rayed with red at the pit. It has a rich flavor, pleasant aroma and abundant juice. Late July.

**J. H. Hale. FD57.** This long-famous and popular variety has stayed at the top because of its exceptional appearance. The big, round fruits, with their beautiful yellow skin, richly marked with deep red and carmine, have always sold well and except in mild winters the variety bears excellent crops in Southern California and elsewhere bears them every year. The new Golden Blush is much better eating in most of Southern California. Early August.



Golden Blush, Best Mid-August Freestone

### Showiest Blooms

**Lukens Honey. FD59.** One of the finest and sweetest of all Peaches for home use, the little greenish-white Peaches with their white flesh and abundant juice possessing a sweetness and flavor unexcelled. Lukens rank along with Babcock, Smith and Saucer for dependable bearing quality, and even in the hottest interior sections always comes through with a big crop. It has the largest and most beautiful blooms in the spring of any of the fruiting peaches. Early August.

**Elberta. FD54.** This variety has been for many years, and still is, one of the finest Peaches. The name Elberta is almost as well known as the Peach itself. Good sized, oval, yellow fruits with red cheeks, juicy and well flavored. Early August.

### The Outstanding Yellow Peach

**Golden Blush. FD56.** Each year that we have observed this fine new yellow-fleshed Peach, with the yellow skin and red cheek, we have become more enthusiastic about its exceptionally fine quality, appearance and free bearing habit. The beautiful big fruits, slightly more elongated than round, are beautifully blushed with red, and in flavor and juiciness Golden Blush far exceeds the better known J. H. Hale or Elberta. Time after time when mild winters cause the older better known kinds to set a poor crop of fruit, Golden Blush is heavily loaded; in fact, we have not seen a poor crop on it yet. We have now observed it long enough so that we can not only recommend it as a splendid home Peach but a fine commercial Peach as well, to ripen between J. H. Hale and Rio Oso Gem. Middle August. Plant Pat. No. 473. 25c per tree more than other varieties.

Delicious Babcock Peaches, now the leading home and market peach of Southern California, brings highest prices.





These Two Contrasting Peach Trees Illustrate the Reason Why Varieties Such as Babcock, C. O. Smith and Golden Blush Are Being Planted in Southern California. Read the Caption Below This Picture Carefully.



Both of These Trees Were Planted at the Same Time

The tree on the right is a Babcock; that on the left is a J. H. Hale. They were both planted in the same orchard in February, following a mild winter, and the photograph was taken in July of the same year. The Babcock tree was not injured by the mild winter and has made an enormous growth. J. H. Hale, being susceptible to delayed foliation following a mild winter, did not leaf out normally and almost a year's growth was lost. The same thing happens to mature trees, causing a loss of the crop on J. H. Hale and similar varieties but not affecting Babcock, Early Elberta, C. O. Smith, Golden Blush, Lukens Honey, and to a lesser degree, Early Imperial.

## Delicious Apricots

Apricots ripen early in the summer before most other fruits are ready, and to enjoy their mellow golden goodness to the full, you almost have to pick them right from your own tree, fully ripened in the sun. Boy! they're really good then to eat fresh, and there is nothing finer for home jams and preserves either alone or mixed with other fruits. Apricots make perfect small backyard shade trees. For this purpose prune the lower branches off as the tree grows.

Caliper	Height	Each	Per 10
3/8-1/2 in.	3 to 4 feet.....	\$.70	\$6.00
1/2-11/16 in.	4 to 6 feet.....	.80	7.00

Ten assorted deciduous fruit and nut trees sold at the 10-rate. Write for special price on 50 or more trees. See quantity price paragraph top of page 9.

**Newcastle. FD17.** The earliest Apricot on our list 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, and because it ripens early it is the one Apricot that does well in the desert. May.

## The Favorite Apricot

**Royal. FD19.** 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. If planting but one Apricot tree, we recommend Royal as being the variety to choose, for it will prove most satisfactory in all sections, from coast to inland valleys, and it is the variety most certain to produce a good crop for you every year. Early June.

**Moorpark. FD18.** If you want the finest flavored and best quality apricot to eat, this is it. The large, round, deep apricot fruits, blushed on the sunny side, are unbelievably delicious. A shy bearer in the interior districts but exceptionally fine on the coast. Early July.

**Tilton. FD20.** One of the largest and most beautiful of all Apricots, heart-shaped, with a beautiful, deep rich apricot color. The fruit is very richly flavored, sweet and juicy. A shy bearer in coastal regions but particularly fine in the interior valleys, and the very latest apricot to ripen. Early July.

## Unique Espalier Fruit Trees

Espalier Fruit Trees, those unique and interesting trees which are trained to have two flat sides, lend an unusual and beautiful note to any home planting when placed against walls, fences or in patios. They produce quantities of excellent fruit, often larger and more highly colored than that grown on ordinary trees. We have available Apples, Figs, Dwarf Pears, and Grapes grown in this manner. These are supplied as large balled specimens; 3-year specimens, \$6.00; 4-year specimens, \$7.50; 5-year specimens, \$10.00.

# Peach and Apricot Trees

## Profitable for Home or Orchard

**Rio Oso Gem. FD62.** This splendid new Peach is just as fine in appearance as the famous J. H. Hale, but ripens two weeks later and is much superior in quality to that variety. The fruit is very large, round, and brilliant dark crimson in color shading out to orange-red. The flesh is yellow, firm, and richly flavored. The first choice for profitable planting now in the Yucaipa-Beaumont district. Late August. Plant Pat. No. 84. 10c per tree higher than regular rates.

**Krummel. FD58.** One of the latest freestone Peaches and a good market variety. Fruit large, lemon yellow, lightly blushed with carmine; flesh yellow, red at the pit. Now the best of the late summer freestones for any purpose. Late September.

**Millers Late. FD60.** This late variety has absolutely no competition in its season. A fine large, yellow freestone of excellent quality, and a heavy bearer. With this variety you'll have fine Peaches almost up to Thanksgiving. October-November.

## Canning Peaches

**Peaks Cling. FD61.** As an early canning Peach, Peaks has no superior. Fruit is large, uniform and round; skin clear golden yellow; flesh firm, sweet and deep yellow right to the small pit. A very heavy bearer. Middle August.

**Sims Cling. FD63.** Sims Cling is undoubtedly the leading commercial canning cling of Southern California because it bears more consistently there than any other cling and is of very fine quality. Fruit larger than average, golden yellow outside and in; flesh clear yellow to the pit. For home or commercial planting, there is no finer Cling than Sims. Late August.

**White Heath Cling. FD64.** Creamy white, blush on sunny side; flesh white, tender, juicy and delicious. A fine late white Cling for home use, and there is nothing more beautiful nor more delicious than home canned white peaches. September.

## For Orchard Planting

Babcock, Golden Blush and Rio Oso Gem are varieties which we recommend for commercial plantings. This year, in a limited area (San Bernardino and Riverside Counties), we offer also a new cling Peach which looks especially promising.

**Fontana. FD55.** Mr. George P. Weldon of Chaffey Junior College, who introduced Babcock to Southern California, is now able, after much work done over a period of years, to present to Southern California an outstanding cling peach. He says of Fontana: "The Fontana, I believe, is outstanding. We are sending a few to the market now; the canners like them, and while they may not make quite the size of Sims, they are a better shape, more uniform in size, deeper yellow inside color, heavier and bear better." Prices same as other varieties. Write for quantity quotations.

Royal—the Finest of All Apricots



# Armstrong Nut Trees

## Walnuts

Walnuts grow vigorously and bear heavily everywhere in California except in the high mountains and the desert areas. They make a wonderful shade tree for the home, but give them plenty of room.

Height	Each	Per 10
4 to 6 feet.....	\$1.75	\$15.00
6 to 8 feet.....	2.00	17.50
8 to 10 feet.....	2.25	20.00
10 to 12 feet.....	2.50	22.50

**Placencia. FD104.** The Placencia is the most popular and profitable Walnut in Southern California. The nuts are roundish oval, smooth, with a thin strong shell, of the most desirable medium size. Exceptionally large crops.

**Eureka. FD101.** Ranks second to Placencia as a commercial nut. Very large, elongated nuts, heavy and well sealed; cream colored, plump, waxy kernels. A better quality nut than Placencia but does not bear as young nor so heavily. Hardier than Placencia.

**Payne. FD103.** A very popular commercial Walnut in the central valleys of California because of the extremely early and heavy crops borne by the young trees and because of its hardness. Exceptionally high quality.

**Franquette. FD102.** Owing to its lateness in blooming, its hardness and dense foliage, this variety is favored in colder sections. The nut is large, elongated, smooth, tightly sealed.



Thomas Black Walnut (Note Thin Shell)

## Eastern Black Walnuts

**Thomas. FD106.** No nut has ever surpassed the old Eastern Black Walnut for flavor, but the kernels were very difficult to pick out of those hard shells. This new selected strain of the Black Walnut grows easily into a beautiful big tree in California. The nuts have all the old delicious rich flavor but are comparatively thin-shelled and crack easily. We picked a big crop last summer in our own orchards from young trees. 4-6 ft., \$3.00 each, \$27.50 per 10; 6-8 ft., \$3.25 each, \$30.00 per 10; 8-10 ft., \$3.50 each, \$32.50 per 10.

**Stabler. FD105.** This variety has the largest nut of all the selected strains of Eastern Black Walnut. A medium sized tree with thin-shelled nuts from which the meats are easily removed when cracked. Often starts to bear the second year after planting. 4-6 ft., \$3.00 each, \$27.50 per 10; 6-8 ft., \$3.25 each, \$30.00 per 10; 8-10 ft., \$3.50 each, \$32.50 per 10.

## Big Plump Brown Chestnuts

The Chestnut does particularly well in California, producing very heavy crops of nuts even while young and making beautiful ornamental shade trees with dense, dark green foliage and symmetrical tops. Heavier crops will be secured by planting two varieties.

**Marron Combale. FD29.** If you want the largest and finest of all Chestnuts and lots of them, this French variety will be your choice. Great handsome mahogany-brown nuts of the highest quality produced in enormous quantities on a very large and magnificent tree. The nuts are excellent for roasting. 3-4 ft., \$2.00, \$17.50 per 10; 4-6 ft., \$2.25 each, \$20.00 per 10.

**Marron Quercy. FD30.** A splendid Chestnut with fine big dark colored nuts, borne in enormous quantities even while the tree is very young. It is a smaller tree than Marron Combale and more adapted to locations where the space is limited. We picked 50 nuts from a one-year-old tree. 3-4 ft., \$2.00 each, \$17.50 per 10; 4-6 ft., \$2.25 each, \$20.00 per 10; 6-8 ft., \$2.50 each, \$22.50 per 10.

**Chinese Chestnut. FD28.** The above two kinds are budded varieties. These Chinese Chestnuts (seedlings) make beautiful big round-headed spreading trees, and while the nuts vary slightly in size and quality, they are characteristically much sweeter than European Chestnuts. The nuts shell out with the greatest of ease. 4-6 ft., \$1.75 each, \$15.00 per 10; 6-8 ft., \$2.00 each, \$17.50 per 10.

## Almonds

Almonds are one of spring's most beautiful flowering fruit trees. To get plenty of nuts, you have only to plant the right combinations to enable successful pollination to take place. One Almond tree will rarely bear alone. Good combinations are Nonpareil and Drake or Texas, Nonpareil and I.X.L., Jordanolo and Ne Plus Ultra or I.X.L.

Caliper	Height	Each	Per 10
3/8-1/2 in.,	3 to 4 ft.....	\$.70	\$6.00
1/2-11/16 in.,	4 to 6 ft.....	.80	7.00

Jordanolo 10c per tree higher than above prices.

**Jordanolo. FD3.** A new Almond which we highly recommend for Southern California because of its resistance to delayed foliation and its extremely heavy bearing habit which is in evidence wherever it is planted in California. A very large, vigorous tree, with heavy, dense foliage, bearing abundant crops of large, long, soft-shelled nuts of a superior quality, shelling out easily. Pollinizer, Ne Plus Ultra. Price 10c per tree higher than prices named above.

**Drake. FD1.** Bears well and adapts itself to all almond districts. Medium size, almost round, with a medium soft shell, plump and well filled. A good pollinizer for Nonpareil.

**Nonpareil. FD5.** Probably the most valuable commercial Almond for California because it bears uniform heavy crops, does well almost everywhere, and because of its large, smooth, plump kernel and its paper-thin shell. Pollinizer, Drake or Texas.

**Ne Plus Ultra. FD4.** Chiefly valuable because of its attractive outside appearance and generally large size. The nuts are large and long with a soft corky shell. Plant with Jordanolo.

**I.X.L. FD2.** This variety brings the highest price for nuts marketed in the shell because of its attractive appearance. Medium sized, soft shelled nuts. Pollinizer, Nonpareil.

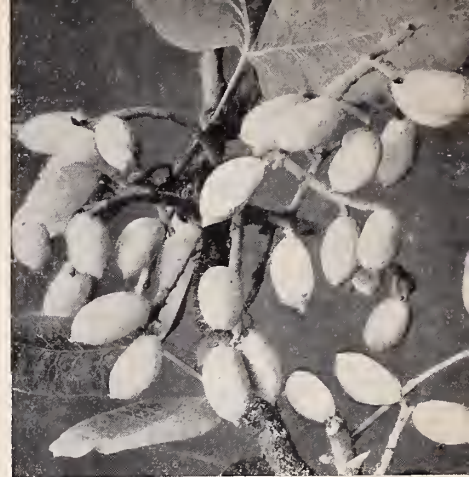
**Texas. FD6.** Produces extremely heavy, consistent crops of small, soft-shelled plump nuts, excellent for shelled kernels. A good pollinizer for Nonpareil and Drake.

## Filberts

Filberts (Hazelnuts) make large bushes and thrive in cool moist areas. In regions of hot summers they do not bear well. Two (or better yet three) varieties must be planted together to insure cross-pollination. We have **Barcelona FD39** (the best variety), also **Du Chilly FD40** and **White Aveline FD41**. \$1.35 each, \$12.50 per 10.

### Shipping Weights

Walnuts, 4-6 ft. weigh 4 lbs. for 1st tree, 2 lbs. for each added; 8-10 ft., 6 lbs. for 1st tree, 3 lbs. for each added. For weights of other fruit trees see page 9. Shipping rates on page 41.



Pistachio Nuts as They Look on the Tree

## Pistachio Nuts

The knowledge of most people concerning the Pistachio is that it has a nice green color and imparts a very pleasant flavor to ice cream. It is less generally known that Pistachio Nut trees will thrive in California wherever the fig and olive do well. They are hardy deciduous trees of small size, the nuts appearing in large clusters like a loose bunch of grapes. California and Arizona are the only two states where they have been successfully grown. Those fortunate few planters who have Pistachio trees in bearing now are really cashing in as the nuts sell for a very high figure.

Nuts are borne only on the female trees and at least one male to each 10 trees or less is necessary for pollination. We have two excellent nut bearing varieties, **Aleppo FD95** and **Bronte FD97**, and the pollinizer, **Kaz FD98**.

4 to 5 foot trees.....\$2.75 each, \$25.00 per 10  
5 to 6 foot trees..... 3.00 each, 27.50 per 10  
6 to 7 foot trees..... 3.25 each, 30.00 per 10  
Also we have 8-10 ft. trees of the Kaz variety at \$4.00 each, \$37.50 per 10.

## Something New in Nuts

**McAllister Hiccan. FD42.** An interesting hybrid of the Pecan and the Hickory. The nuts on this tree are so big that you have to back away a couple of feet to get a good look at them. They are fairly thin-shelled and good quality. Young trees are growing in California, but so far none of them are old enough to bear nuts. You'll be surprised at the beauty of the big glossy leaves and the enormous vigor of the tree, which make it well worth while as an ornamental shade tree alone. 12-14 ft., \$4.00; 10-12 ft., \$3.50; 8-10 ft., \$3.00; 6-8 ft., \$2.50.

Big Brown Marron Combale Chestnuts



# Armstrong Pecans

You should investigate Pecans whether you are a prospect for a commercial planting or have just a small home yard. Commercial groves of superior varieties like Mahan are real money-makers. All of the Pecans make excellent shade trees, and you harvest a delicious, profitable crop each year—profitable whether you consume the crop or sell it to someone else. Most Pecan varieties bear best only in those areas where high summer heat and a long growing season are experienced, however, Nellis, the exception, bears heavily quite near the coast. Pecans must be well irrigated throughout the dry season.

All of our Pecan trees are pruned back severely (to about 18 inches) ready for planting. This is necessary in order to get good results.

## Prices on all varieties except Mahan

Caliper	Height	Each	Per 10
1/2-3/8 in.	4-6 ft.	\$2.25	\$20.00
5/8-1 in.	6-10 ft.	2.75	25.00
1 in. up.	10-12 ft.	3.25	30.00

Ten assorted deciduous fruit and nut trees sold at the 10-rate. Write for prices on 50 or more trees.

**Burkett. FD73.** A valuable Pecan for California and Arizona, producing exceptionally heavy crops. The nut is large, round, very thin-shelled, the whole meat coming out very readily. For the hot inland valleys this is the heaviest producer, next to Mahan.

**Caloro. FD74.** The nut is very large, long and tapering and cracks and separates from the shell easily and perfectly. Next to Mahan, this is the most beautiful of the pecan trees that we offer, growing tall and slender with beautiful large, luxuriant, shade-giving foliage. It bears well only in the hot interior valleys where the growing season is long.

## Best for Coast

**Nellis. FD76.** If you live in the coastal counties of California, you'll be safest in planting this variety because from actual experience it produces excellent crops in coastal areas where other varieties are not entirely successful because of the lack of summer heat. The long, thin-shelled nuts shell out easily and are of excellent quality. For 12 straight years Nellis pecans have won First Prize for Pecans at the big L. A. County Fair (not held this year). On both Nellis and Mahan there is never a trace of the bitter corky placenta which sometimes sticks to the nut portion of other pecans. Nellis does well inland too.

Jumbu Persimmon, the "giant" non-puckery kind



## The World's Finest Pecan—Mahan

### Prices on Mahan Trees

Caliper	Height	Each	Per 10
1/2-3/8 in.	4-6 ft.	\$3.50	\$32.50
5/8-1 in.	6-10 ft.	4.50	42.50
1 in. up.	10-12 ft.	5.00	47.50

**Mahan. FD75.** The sensation of the Pecan world is the gigantic new Mahan. The nuts of the Mahan are enormous, averaging 2 1/2 inches in length, and the paper thin shells cracking almost as easily as a peanut, are completely filled with richly flavored kernels. They average 31 nuts to the pound—an amazing figure.

The Mahan is a strong growing tree, bearing at a younger age than most Pecans, and producing heavy crops. In the Yuma Pecan District it has largely superseded other varieties, and while trees in other sections of California are still young and comparatively untried, we have had excellent reports from these young trees from all over the State. Mahan is a magnificent, luxuriantly foliaged, fast growing shade tree for the home, in addition to its amazingly large nuts.

**Mahan is a copyrighted Pecan and is grown for planting in California exclusively by Armstrong Nurseries. Every genuine Mahan tree sold in California carries an Armstrong tag.**

**Success. FD77.** This has been the most widely planted of all Pecans in Southern California and the finest and oldest bearing trees are of this variety. You'll be almost certain of a good crop no matter where you plant this kind, for it is a remarkably sure all-climate pecan. A beautiful big tree too. Nuts large, oblong, with medium thick shell and a fine-flavored kernel.



Mahan Pecan, natural size.

**When to Plant.** All of the nut and deciduous fruit trees listed on pages 9, 10, 11, 12, 13, 14, 15 and 16, as shown below, can be planted only during the months of January, February and March.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	□	□	□	□	□	□	□	□	□

## Superb Persimmons

Every year in California more people are enjoying in November and December ripe Hachiya Persimmons with sugar and lemon juice, a dish fit for a king. If you like your Persimmons soft to be eaten as a salad fruit, you will probably want to plant the popular Hachiya. If you prefer to eat your Persimmon out of hand, you will want the popular non-astringent Fuyu or the new large fruited Jumbu. Persimmons are quite ornamental trees because the leaves turn bright colors in the fall, and the richly colored orange-red fruits are beautiful either on the tree or as table decorations.

### Price on Persimmons except Jumbu

Height	Each	Per 10
3 to 4 feet.....	\$1.15	\$10.50
4 to 5 feet.....	1.30	12.00
5 to 6 feet.....	1.40	13.00
6 to 7 feet.....	1.50	14.00

Jumbu trees are 15c each higher than above prices.

**Hachiya. FD79.** This has long been the most commonly planted and best known of the Persimmons. Very large, conical fruit of bright orange-red, with sweet, rich, mellow flesh. Astringent until fully ripe and then very fine indeed. A large, well grown Hachiya is one of the most beautiful fruits grown.

**Fuyu. FD78.** This 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 in great quantities. The trees bear much younger than most Persimmons and produce great clusters of fruit from the second year on.

## The New Jumbu Persimmon

**Jumbu. FD80.** This new, non-puckery, large fruited Persimmon is somewhat similar to Fuyu in general characteristics, and is absolutely non-astringent, but is much larger, slightly more conical in shape, and ripens a few days later. It is the finest and largest non-astringent Persimmon that we have seen. The fruit is good to eat at all stages after it has begun to color, and it is delicious eaten while hard or after it has become soft. The trees of the Jumbu Persimmon are priced at 15c per tree higher than the prices given above.

## Pomegranate

**Wonderful Pomegranate. FD95.** One of the most ornamental of all fruit trees with its bright scarlet hibiscus-like flowers and big crimson fall-ripening fruits. Pomegranates grow quickly into a large 8-foot bush and thrive anywhere from the seacoast to the hottest desert valleys, doing best where there is considerable heat. There is no finer center piece for the Thanksgiving or Christmas table than a bowl of big red Pomegranates, and it's fun to eat them too. Wonderful is the largest and most highly colored of all Pomegranate varieties. Very large fruit, rich bright crimson in color, and the highly colored garnet flesh is very juicy and of excellent flavor. 3-4 ft., 70c each, \$6.00 per 10; 4-5 ft., 80c each, \$7.00 per 10.

# Armstrong Plums

Most varieties of Plums will bear heavier crops if certain other varieties are planted nearby as pollinizers. Santa Rosa, Beauty and Wickson all successfully pollinate the blossoms of most varieties, as well as each other, and we advise including some of these in all Plum plantings. Beauty and Santa Rosa bear the heaviest crops everywhere. Mariposa is the best eating.

## Prices (except Mariposa and Late Satsuma)

Caliper	Height	Each	Per 10
3/8-1/2 in.	3-4 ft.	\$.70	\$6.00
1/2-11/16 in.	4-6 ft.	.80	7.00
11/16 in. up.	6-8 ft.	.85	7.50

Ten assorted deciduous fruit and nut trees sold at the 10-rate. Write for special prices on 50 or more trees.

## Listed in approximate order of ripening.

**Beauty. FD81.** Fruit large and beautiful, deep crimson with amber-crimson flesh. A never-failing bearer every place always, quite resistant to delayed foliage. June.

**Climax. FD83.** One of Luther Burbank's finest introductions. Very large, heart-shaped, with a beautiful deep red and yellow color. Flesh is golden yellow, richly flavored. Late June.

## The Famous Santa Rosa

**Santa Rosa. FD91.** Possibly the most widely planted Plum in California, and certainly one of the handsomest. Large oval, purplish-crimson fruit, covered with light blue bloom. Flesh amber, veined with crimson. Splendid for market and home use. Not only is it a good pollinizer to increase the crop on other varieties of Plums, but it is resistant to delayed foliage and will bear a crop every year, no matter where it is planted. Late June.

**Satsuma. FD92.** 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 to secure good crops. July.

**Wickson. FD93.** A popular plum for many years. Very large, heart-shaped fruits, straw-yellow in color, blushed with cherry-red; flesh amber, crisp, juicy and luscious. July.

**Pick your varieties carefully and you can have Plums from June through late September—enjoy plenty of Plum jam, jelly and preserves.**

**Red Rosa. FD90.** A new Plum which is very similar to the Santa Rosa in appearance, having the same bright colored purplish-red fruit and amber colored flesh, but which ripens fully one month later, long after Santa Rosa is gone. The fruit is firm and crisp, keeping a long time. A splendid home and market Plum. Late July.

**Green Gage. FD85.** An old favorite, with medium sized, oval, greenish-yellow fruits; rich, sweet, and juicy. Suitable only for northern districts or the higher altitudes. Late Aug.

**Kelsey. FD87.** Big, greenish yellow, heart-shaped Plum blushed with red. Flesh yellow, firm and of fine quality. One of the finest of late eating and market Plums. Late Aug.

**Damson. FD84.** Famous old Plum for jam and preserves, producing enormous crops of little oval, purplish-blue fruits with tart, juicy, yellow flesh. September.



Mariposa Plum. No plum makes better eating than this big, blood-red beauty. Preserves hold their color and are a rich blood-plum red.

## Here's A New One

**Late Satsuma. FD88.** Everybody likes those delicious, sweet, juicy Satsumas with the blood-red flesh, but they are all gone long before September and so is Mariposa, the finest of all blood plums. However, we have discovered a late ripening variety of Satsuma which isn't ready to use until September. It makes delicious eating when other plums are scarce, and it's an exclusive Armstrong introduction.

## Prices on Late Satsuma and Mariposa

Height	Each	Per 10
3 to 4 feet	\$.90	\$ 8.00
4 to 6 feet	1.00	9.00
6 to 8 feet	1.10	10.00

**Becky Smith. FD82.** Not only one of the most beautiful Plums grown, but the very latest to ripen, appearing after all the others are gone. Big, round, bright red fruits, with crisp sweet amber flesh, of splendid quality for eating and shipping. Late September.

## Mariposa

## The New Blood Plum

**Mariposa. FD89.** In our opinion, there is no finer Plum for eating than the big maroon-red fruits of the Mariposa, a new Plum variety which we introduced several seasons ago. The gigantic purple-red fruits are overlaid with a glowing lilac bloom, and the blood-red flesh has a honey-like sweetness, abundant juice and a surpassing flavor which is impossible to describe in words. The skin, while tender in the eating, is quite thick and the flesh is firm so that the Plum keeps remarkably well. There is no bitterness to the skin or pit, for this magnificent Plum is sweet and full of flavor all the way through. Mariposa should have a tree of Satsuma, Beauty or Santa Rosa planted nearby for pollination purposes, for it usually does not bear a large crop if planted alone. Plant Pat. No. 111. Late July.

Prices same as Late Satsuma.

## Healthful California Prunes

Prunes are merely Plums with a higher percentage of sugar which will dry without removal of the pit. They are handsome in appearance, and most people do not realize how delicious they are when eaten fresh from the tree or canned for the table. Why depend on dried prunes in the summer when you can enjoy fresh ones which are so much more delicious and palatable. All Prunes will bear better if several kinds are interplanted for cross-pollination.

### Sizes and Prices Same as for Plums

**Sugar. FD93C.** Very large, dark purple fruit, the sweetest of all; particularly fine for home planting in Southern California, where the tree is exceedingly productive in all sections. July.

**Standard. FD93B.** The handsomest and largest of all Prunes for home use or as fresh fruit for the market. The big oval fruits are deep purple with a rich blue bloom, and the flesh is amber colored, sweet and juicy. Bears well everywhere but particularly fine in the valley situations of Southern California where other Prunes do not do quite so well. August.

**French Improved. FD93A.** The standard drying variety which has made California Dried Prunes famous. Large oval fruits of deep purple, with sweet sugary flesh, produced in great quantities. September.

We can mail your trees to you. 6-8 ft. Plums, Peaches, Apples, Apricots and Prunes weigh 5 lbs. each for the first tree and 3 lbs. each for additional trees. 4-6 ft. trees weigh 3 lbs. each; 1 1/2 lbs. each for additional trees. See page 41 for shipping costs.

Standard Prunes are amber-fleshed, sweet and full of health and flavor.





English Morello. The "Pie" Cherry That Always Bears.

## Chinese Jujubes

The Jujube is a small deciduous tree which bears, often the first year after planting, great quantities of small dark brown fruits which are sweet and crisp when eaten fresh, which makes an excellent jam when cooked, but are most often used as delicious candied fruits.

The tree grows anywhere with ease but bears best in the warmer interior valleys. Hardy and will stand zero temperatures without injury. Fruit ripens September and October. Seeding Jujubes bear very small worthless fruit, but these are giant-fruited, selected types grafted from parent trees selected from thousands by the U. S. Department of Agriculture. As far as we know, we are the only ones in the country growing them.

And if you want a small shade tree, which will stay small, a tree which is leafless in winter, the Jujube may fill the bill. It looks something like a small handsome willow tree.

**Lang. FD43.** Large, pear-shaped fruit, 1½ to 2 inches long, shown in photograph below. Produces a great abundance of fruit and often bears the first year after planting. 4-5 ft., \$1.25 each, \$11.50 per 10; 5-6 ft., \$1.50 each, \$14.00 per 10. Write for prices on 25 or more.

**Li. FD44.** This variety has the largest fruit of all, often 2 inches in diameter, round in shape. Has a very small pit and is deliciously sweet and crisp. 3-4 ft., \$1.25 each, \$11.50 per 10; 4-5 ft., \$1.50 each, \$14.00 per 10. Write for prices on 25 or more.

## Shipping Weights

Average shipping weight for most deciduous fruit trees: 4-6 ft. trees, 3 lbs. for first tree, 1½ lbs. for each added tree; 3-4 ft. trees, 2 lbs. for first tree, 1½ lbs. for each added; 6-8 ft. trees, 5 lbs. each, 3 lbs. for each added tree. See shipping costs on page 41.

Fruit of Lang Jujube, Reduced One-fourth.



# Armstrong Cherries

The black squares below indicate in what months you can plant deciduous fruit trees. Trees are not available in the other months.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	□	□	□	□	□	□	□	□	□

In the coast and valley regions of Southern California the Sweet Cherries do not bear, but they are entirely satisfactory in the rest of the state. The "pie" Cherries, Morello and Richmond, will bear large crops any place, and while a little tart to eat fresh, they are splendid for pies and preserves.

Several varieties of sweet Cherries should be planted together for cross-pollination. However, the "pie" Cherries Morello and Richmond will bear alone and give you big crops anywhere.

Caliper	Height	Each	Per 10
¾-1½ in.	3-4 ft.	\$.70	\$6.00
½-11/16 in.	4-6 ft.	.80	7.00
11/16 in. up.	6-8 ft.	.85	7.50

Ten assorted deciduous fruit and nut trees sold at the 10-rate. Write for prices on 50 or more.

## Sure to Bear Kinds

**Morello. FD24.** Fruits very large, handsome, dark wine-red, with a sprightly aromatic flavor; flesh tender and melting. A small round-headed tree, bearing heavy crops no matter where planted. We highly recommend Morello as the very finest cherry for planting in those coastal and valley sections of Southern California where sweet cherries do not bear. June.

**Richmond. FD25.** Excellent early "pie" cherry, similar to Morello, but ripening two weeks earlier. Richmond and Morello are the cherries that we recommend planting in the Southern California coastal and valley districts. They both make beautiful little trees which do not take very much room on the home place, and they are beautiful when they are loaded with their red fruits in spring. Early June.

**Tartarian. FD22.** The very finest cherry to eat fresh. Sweet, rich, and juicy, with a rich, tempting, purplish-black color. The robust erect trees are heavy bearers. A good pollinizer for Bing and other sweet cherries. Early June.

**Bing. FD21.** A very large, dark red sweet cherry of extremely handsome appearance, and since it has the firmest flesh of all cherries, it is splendid for canning and shipping. Plant Tartarian with it as a pollinizer. June.

**Royal Ann. FD26.** A magnificent cherry of the largest size; pale yellow with bright red cheek; flesh firm and sweet; tree an enormous bearer. The leading commercial canning cherry. Late June.

**Lambert. FD23.** The largest sweet Cherry and one of the latest to ripen. Very large, heart-shaped; rich red in color; very firm fleshed, and most beautiful in appearance. Late June.

## Armstrong Nectarines—"Fruit of the Gods"

The tree of the Nectarine looks like a Peach tree, but the fruits are smooth-skinned and the rich, aromatic flesh has a flavor and character all its own. The name means "the fruits of the Gods," and the Gods surely did know their fruits.

### Prices (Except Dixie)

Caliper	Height	Each	Per 10
¾-1½ in.	3-4 ft.	\$.70	\$6.00
½-11/16 in.	4-6 ft.	.80	7.00

Ten assorted deciduous fruit and nut trees sold at the 10-rate. Write for prices on 50 or more.

## Hooray for Dixie

**Dixie. FD46.** Plant this variety if you want to be sure of getting lots of fruit on your nectarine tree every year no matter where you plant it. That's because it's the most resistant to delayed foliation of any nectarine that we grow. It's the first one to ripen too, and the first ones always taste the best. Medium sized, light greenish yellow fruits, mottled with red, white-fleshed, firm, sweet, just that delicious aromatic flavor you expect to find in a good nectarine. July. Price 25c per tree higher in all sizes.

**Gold Mine. FD47.** These great red and yellow fruits, with juicy white flesh, exceptional in flavor and quality, are among the most beautiful of all Nectarines. Also this variety is more resistant to delayed foliation than any other kind except Dixie, and it is much larger than that variety. These two are the best bearers in Southern California. Early Aug.

**Stanwick. FD48.** For many years has been California's leading Nectarine. Extremely large fruit, the skin pale green, shaded purplish red; the flesh white and juicy, with a most delicious aromatic flavor. Early August.

**Boston. FD45.** Immense bright yellow fruit, with a red cheek and rich yellow flesh. The yellow fleshed Nectarines while not quite so spicy and piquant as the white fleshed varieties have a sweeter and richer flavor which many people prefer. Late August.

Gold Mine Nectarine



## Quince Trees

The Quince is a splendid fruit for preserves, the flesh becoming a beautiful dark red when cooked. The trees thrive, and bear well almost anywhere. No fruit has a more delightful fragrance when picked from the tree.

Caliper	Height	Each	Per 10
½-11/16 in.	4-6 ft.	\$.80	\$7.00
11/16 in. up.	6-8 ft.	.85	7.50

**Pineapple. FD99.** One of Luther Burbank's originations, with a round, short-necked, golden-yellow fruit. The flavor and aroma are suggestive of the pineapple. Oct.

**Smyrna. FD100.** Extremely large fruits, delightfully fragrant when fresh and delicious when cooked. Bears enormous crops. October.

Always include both name and code number of the variety on your order sheet.



# Armstrong Figs

California is one of the few parts of the world in which Figs attain the utmost perfection, and in the late summer and fall there is no fruit which is more enjoyed fresh, whether eaten out of hand, sliced with cream and sugar, or in jam. Figs should be thoroughly irrigated at least once each month during the summer and even oftener during hot weather. See pruning suggestions under each variety.

Height	Each	Per 10
2 to 3 feet.....	\$.85	\$5.50
3 to 4 feet.....	.70	6.00
4 to 5 feet.....	.85	7.50
5 to 6 feet.....	.90	8.00

Trojano 2 to 4 ft. only, \$1.25 each.

Write for prices on 50 or more. Ten assorted deciduous fruit and nut trees sold at the 10-rate.

**Brown Turkey. FD32.** We consider Brown Turkey to be just about the finest Fig for general use in California. The fruits are very large and long, a rich purplish-brown in color, becoming deeper purple as they mature, with rich strawberry-red flesh, fine grained, sweet and juicy. It seems to bear equally well, whether it be directly on the coast or in the interior or desert valleys. Larger and finer Figs will be produced if the trees are heavily pruned back in the winter.

**Brunswick. FD33.** This medium sized, light brown, short-necked Fig is known as Magnolia in Texas. The fine-grained, sweet, brownish-amber flesh is delicious. The tree is smaller than many other varieties and will stand more cold than any other Fig that we grow. Given a sheltered location, it will grow and bear in Oregon, Washington, New Jersey, Long Island and similar areas. Leave unpruned in California.

## Sweet as Honey

**Trojano. FD36.** Our mouths still water when we think of the rich nutty fall flavor of these delicious figs which we ate last summer. It's a medium sized, coppery black fig, very rare in California. It's the nearest thing to a black Kadota, with sweet, amber flesh, almost no seeds to get under your plates, and the fruits are self-sealed with a drop of honey to keep out insects. Bears enormous crops, and that rich, tender, sweet flesh is something to enthuse about. Trojano and Kadota are so sweet that you need little sugar in making jams, which is something in these days of sugar rationing. 2 to 4 ft. trees only, \$1.25 each.

**Kadota. FD34.** This is the finest white Fig for most of California and one of the finest Figs for all purposes, since it will can, dry, pickle or ship fresh and give excellent results in every case. Many people prefer it to any other fig for eating fresh. Of medium size, with waxy, smooth, yellow-white skin and pale amber flesh. Extremely sweet and rich, making just about the best fig jam ever tasted. Bears extremely heavy crops all through the summer and fall. It does best in the interior valley where the summers are warmer. It is not necessary to prune Kadota trees back heavily in the winter unless you wish to keep the tree low for convenience in picking, for heavy pruning decreases quantity without increasing the size.

## Mission Fig

**Mission. FD35.** The well-known California Black Fig brought to California by the Mission Fathers. The fruit is medium to large, with a long neck, mahogany-violet in color, with brownish-red flesh. Thrives in all sections, coast to desert, and the tree is enormously productive even under adverse conditions where little water is available. Leave tree unpruned.

**White Adriatic. FD37.** Very large, elongated, yellowish-green fruit with a short neck; flesh a bright strawberry-red, somewhat coarse but of excellent quality. One of the very finest of white Figs. Heavy pruning will increase size of fruit but decrease quantity.

**White Genoa. FD38.** If you live near the seacoast and want a big fine white fig, this is the one for you to plant because it is one of the few white figs that bear well under such conditions. Large, pear-shaped, with a waxy yellow skin and sweet amber pulp, similar to Kadota but much larger. Prune like Adriatic.



Luscious Big Brown Turkey Figs (Natural Size)

## Armstrong Pear Trees—Standard and Dwarf

Winter Bartlett and the new Large Fruited Winter Nelis are the surest bearers among the standard kinds for Southern California. All Pears bear well in the higher altitudes.

Caliper	Height	Each	Per 10
3/8-1/2 in.,	3-4 ft.....	\$.70	\$6.00
1/2-11/16 in.,	4-6 ft.....	.80	7.00
11/16 in. up,	6-8 ft.....	.85	7.50

Large Fruited Winter Nelis 25c per tree higher.

Ten assorted deciduous fruit and nut trees sold at the 10-rate.

**Bartlett. FD65.** 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. Bears better if Beurre d'Anjou or Winter Nelis is planted with it. August.

**Seckel. FD68.** Fruit small, but well colored, and there is no other variety which possesses such exquisitely flavored fragrant juicy flesh, even the skin being spicy. The little russeted beauties are just about the most delicious pears that we have ever tasted. September.

**Beurre D'Anjou. FD66.** Large, yellow, marked with russet and crimson. Tender, sweet and juicy. An excellent pollinizer for Bartlett. October.

**Large Fruited Winter Nelis. FD67.** The old Winter Nelis was one of the finest late fall ripening pears for Southern California (or anywhere else). This new one was discovered not long ago in Washington. We have tested it in Southern California and have found that it bears heavy crops of very fine, beautiful big pears, russeted, with a ruddy pink cheek and a most delectable, rich, aromatic flavor. The fruit keeps for a long time after picking, and you'll find that the tree will bear heavy crops almost anywhere in California. Trees 25c per tree higher in all sizes.

**Winter Bartlett. FD69.** This late fall ripening pear is similar to Bartlett in shape, color and flavor, but a little smaller and ripening much later. The tree is remarkably productive and the fruit keeps very well, indeed. You can keep it down cellar for weeks after picking, and in Southern California it will probably bear the heaviest and most regular crops of any pear, even in the desert regions where other pears do not bear at all. Nov.-Dec.

## Dwarf Pears Take Little Room

If you have a limited amount of space and still would like to have a lot of fine pears for your family to eat, you'll want to plant these dwarf pear trees that we have grown especially for such situations. The trees seldom become more than about 8 feet high, begin to bear almost immediately after you plant them, and bear immense crops.

Dwarf Pears will bear well almost anywhere in Southern California or elsewhere. They require little care, and there is never any waste with pears because you can pick them as soon as they have attained size, set them away in a cool place and let them ripen, eating them as they get ready, and, of course, they are splendid to can.

Height	Each	Per 10
2 to 3 feet.....	\$1.10	\$10.00
3 to 4 feet.....	1.25	11.50
4 to 6 feet.....	1.50	14.00

Dwarf Large Fruited Winter Nelis 25c per tree higher. Dwarf Bartlett. CD70. It's the world's finest pear.

Dwarf Beurre d'Anjou. FD71. Better plant one of these with your Bartlett in order to make sure of increasing the crop.

Dwarf Large Fruited Winter Nelis. CD72. The new giant fruited strain of this fine late-ripening fall pear.

The New Large Fruited Winter Nelis Pear





Boysenberries (Natural Size)

### The Gigantic Boysenberry

**Boysenberry. FB4.** Ever since the Boysenberry was introduced we have claimed that it was the very finest berry that could be grown in California. Not only has this proved to be true for California, but it seems to do just as well in almost all sections of the United States. The Boysenberry is the largest of all berries, averaging 1½ to 2 inches in length and 1 inch in diameter. The berries are jet-black, highly flavored, and they pick, keep and ship in a way that brings delight to the heart of a berry grower. Housewives know that they make the very finest pies, jams and preserves. Boysenberries produce exceptionally heavy crops. The big, vigorous vines are simply loaded with the big fruit clusters which start to ripen early, just when berries are most in demand. Boysen has been remarkably hardy and adaptable in a wide range of climatic conditions, having safely stood temperatures as low as 14 degrees below. For home planting, 6 by 6 feet is a good distance. Arrange for irrigation. Trellis the second season, and when the fruit is all picked, cut out all of the canes which bore fruit.

	Each	Per 10	Per 100
One-year transplants.....	\$.30	\$2.25	\$15.00
Strong rooted tips.....	.20	1.50	8.00
(Tips, \$60.00 per 1000, 500 at 1000-rate)			

### Juicy Blackberries

**Crandall's Early Blackberry. FBI.** (Macatawa.) One of the earliest berries to ripen, producing great quantities of medium sized, firm, sweet blackberries, with few seeds and almost no core. It never fails to bear and will grow under more adverse conditions than any other berry, being hardy everywhere. It ripens in June and July, with a lighter crop in the fall. The big upright bushes need no support. Plant them 5 feet apart in rows 8 feet apart. 20c each, \$1.50 per 10, \$8.00 per 100.

**Himalaya Blackberry. FB2.** The canes often reach 40 feet in one season, and bear enormous crops of excellent, medium sized, juicy black berries. Ripens over a long season from June to late fall and provides plenty of berries after Youngberries and Boysenberries are gone. Plant on a trellis 10 feet apart in rows 8 feet apart. 20c each, \$1.50 per 10, \$8.00 per 100.

### The Texas Wonder Blackberry

**Texas Wonder Blackberry. FB3.** We are indebted to the great State of Texas for this splendid Blackberry which thrives all over the southern half of the United States. The berries on the vigorous vine are large and coal black. They keep and handle exceptionally well and are very attractive to look at, and the plants bear so heavily that in the ripening season they are literally black with berries. We picked 2 quarts (at one picking) off three bushes, every berry full of good old-fashioned blackberry flavor. Plant 4 feet apart in rows 8 feet apart. 25c each, \$2.00 per 10, \$12.00 per 100.

**Berry Shipping Calendar (We ship all over the U. S. A.)**

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	□	□	□	□	□	□	□

**Sodus Purple Raspberry**  
(First berry at right)

In the illustration at the right the first berry is Sodus Purple. To its right is an ordinary red raspberry. Both are sitting on a silver quarter dollar. Place a quarter on the illustration and you will notice it is actual size.



# Armstrong Berry Plants

All berries are easy to grow, particularly these Armstrong tested newest varieties which quickly produce heavy crops of bigger, juicier, finer flavored berries. Plant now and prevent a fresh berry shortage at your house.

### A New Purple Raspberry

**Sodus Purple Raspberry. FB12.** Here is something new! A berry that was first offered by us in California and which we have found to be exceedingly well adapted to our conditions. Great, large, rich purple berries, four times as large as the ordinary black Raspberry, borne in enormous sprays. Juicy, sweet, rich flavored, with the good old raspberry aroma and flavor. The berries are most delicious to eat with sugar and cream and are unexcelled for jams. Young plants put out in the spring grow amazingly fast and will produce berries the same season if well cared for, this readiness to bear being one of its finest characteristics. A cross between the black Raspberry and the red Raspberry, one of the most satisfying and delicious berries that you have ever tasted. 30c each, \$2.25 per 10, \$15.00 per 100.

### Red Raspberries

**Cuthbert. FB9.** The deep red fruit is large, firm, sweet and fine flavored, borne on tall, heavily foliaged plants. The fruit is sold on the Los Angeles market as Casberry. It is by far the finest red Raspberry for this section and most other sections. Plant 2 feet apart in rows 6 feet apart. 15c each, \$1.25 per 10, \$6.00 per 100.

**Sunrise. FB13.** Our finest red Raspberry. A U. S. Department of Agriculture introduction. In May we picked the first bright red berries. They are sweet and full-flavored. The plants are always well clothed with large, dark green leaves, unmistakable signs of health and vigor. The proof is a longer than usual bearing and many clusters of delicious berries. It is fun to pick raspberries. They come off the clusters so easily, leaving in your hand nothing but full-flavored berries—not even a core. 30c each, \$2.25 per 10, \$15.00 per 100.

### The Finest "Blackcap"

**Evans Black Raspberry. FB10.** The red, the purple and the black Raspberries are each quite distinctive. You will want the best of each if space permits. The finest Blackcap Raspberry is Evans—best because it does so extremely well in our climate and produces quantities of jet-black berries of finest quality. The berries are always juicy and full-flavored—never dry and crumbly. They are sweet enough so that most people eat them without sugar, but this doesn't give you a true picture of the rich aromatic flavor you will look forward to enjoying each year. Commercial growers have found that it bears 15 per cent to 20 per cent more fruit than others. Plant 6 feet by 6 feet. Should be trellised. 35c each, \$2.50 per 10, \$15.00 per 100.

### Improved Loganberries

**Loganberries. FB7.** Long a favorite on the entire Pacific Coast, these vigorous, hardy, trailing vines produce enormous crops of very large, long, dark red berries with a rich sub-acid flavor, which have long been famous for their excellent jams, jellies and preserves. This is a selected strain of the old type, just like the new Thornless Logan described below, but somewhat thorny. 20c each, \$1.50 per 10, \$8.00 per 100.

### Thornless Loganberries

**Thornless Loganberry. FB8.** Just like the other Logans above but the canes are absolutely thornless, making picking a pleasure. Bears and grows even more vigorously, making it the finest berry for home jam making. 35c each, \$2.50 per 10, \$15.00 per 100.

Blakemore, California's Finest Strawberry



# January, February, March and April—Plant then and your family will have berries

## Luscious Strawberries

This is our selection for California conditions made from the many hundred strawberry varieties available.

**Prices on Blakemore, Dorsett and Carolina:** 25 for 75c, 100 for \$2.50, 1000 for \$15.00. For prices on other varieties see end of descriptions below. Fifty at the 100-rate; 500 at the 1000-rate. Write for prices on 3000 or more.

## The Reddest

**Blakemore. FB15.** In color, earliness, quality of berry, and size of crop, it is a great advance in Strawberries. Possibly its biggest advantage is the beautiful bright red color which does not change after the berries are picked or after they are preserved. Because of the firmness of the berries, they keep and ship extremely well and are easy to pick. The foliage is very large, shielding the berries from the birds and sun and giving them a lovely color.

**Dorsett. FB16.** The big, firm, bright red berries are extremely handsome in appearance, and the quality is exceptionally fine, sweet and juicy, with plenty of real Strawberry flavor. The plants produce even larger crops than the heaviest bearers among the other varieties, producing two big crops per season, one in the spring and another in the early summer, with a few scattered berries almost any time during the year. Only Blakemore can compete with its as a commercial berry.

## Longest Season

**Gem Everbearing. FB17.** One of the ever-bearing varieties with big, fine looking berries, not as high in quality as Rockhill, but the plants are less expensive because they produce more runners. It bears well in the fall after all the spring kinds are finished and is particularly good as a commercial berry. 25 for \$1.00, 100 for \$3.00, 1000 for \$17.50.

## No Runners

**Rockhill. FB19.** The best of the so-called Everbearing type. The berries are astonishingly large and beautiful, extremely fine in flavor, and the plants bear much earlier and later in the season than other types. Rockhill makes no runners, and if you have ever grown Strawberries, you know that after several years the bed gets so full of runners that little fruit is produced.

This is not true of Rockhill, and you will not wear yourself out chopping off runners to make the plants bear. The lack of runners makes the plants more expensive, but certainly it is worth it to get more and better berries with less work. 10 for \$1.00, 25 for \$2.00, 100 for \$6.00.

**Carolina (Missionary). FB18.** One of the best berries for hot interior sections, particularly in sandy, poorer soils. A heavy producer of good quality fruit. Fine not only for the market but for the home as well.

## Finest Quality

**New Oregon. FB14. (Banner.)** If you want exceptional flavor and quality in your strawberries and want to get berries that just melt away in your mouth and are sweet enough to eat without sugar, this is the one you'll want. It does its best in cooler sections, where it is almost everbearing. For home and for market, from the standpoint of quality, there is no better berry grown. 25 for \$1.00, 100 for \$3.00, 1000 for \$17.50.

## Youngberry

**Youngberry. FB20.** The Youngberry and the Thornless Loganberry are ripe in May, two weeks ahead of the Boysenberry. Youngberries are remarkable keepers and shippers, the berries are deep wine color, changing to jet black, with an exquisite piquant flavor. The seeds are so few and soft that they may be considered as practically seedless, and make splendid jams and jellies. Extremely vigorous and heavy producers. Plant on wire trellises 6 to 7 feet apart. Rooted tips, 15c each, \$1.25 per 10, \$7.00 per 100.

## Gooseberries

**Oregon Champion. FB6.** Large round transparent, pale green fruit of excellent quality. Gooseberries are a delight where they can be successfully grown, but they do not bear well in the lowlands of Southern California. 25c each, \$2.00 per 10, \$12.00 per 100.

## Currants

**Perfection. FB5.** A good quality bright red Currant, with a rich mild sub-acid flavor. The plants bear heavy crops wherever conditions are suitable. 25c each, \$2.00 per 10, \$12.00 per 100.

## Perennial Vegetables

These delicious vegetables do not have to be planted again each year. A few plants of each will supply you with much tasty garden-fresh produce.

## French Artichokes

**French Green Globe. FM1.** The finest French Artichoke for market or home use. Large, fine flavored buds. It is easy to grow artichokes, and they thrive almost anywhere in California. Just plant them 6 feet apart, irrigate them occasionally in the summer-time. Cut back to the ground in September and water and fertilize them for winter and early spring crops. You will be surprised at the fine crops you will get. 25c each, \$2.00 per 10, \$17.50 per 100. Wt., 1½ lb. each.

## Asparagus

**Paradise. FM3.** Heavy production, early maturity and exceptionally fine quality characterize this new Asparagus, with the big, stalky green stems (as thick as your thumb). Plants look beautiful in the garden. 15 for 75c, 25 for \$1.00, 100 for \$2.50. 10 Asparagus plants weigh 2 lbs.

**Mary Washington. FM2.** Has been the most popular kind, ripening early with many tender, crisp green tips. Plant Asparagus 1 foot apart in rows 4 feet apart. 15 for 60c, 25 for 75c, 100 for \$2.00.

## Crisp Rhubarb

**Cherry. FM4.** The large stalks of this brightest colored kind are crisp and juicy when picked fresh from your own garden. You will be enthusiastic about the improved flavor and quality whether you use it in sauce or in rhubarb pies. The large-leaved plants are attractive garden subjects. 35c each, \$2.50 per 10, \$17.50 per 100. Wt. 1 lb. each.

## Climbing Potato

**Chayote. FM3A.** Big, pear-shaped, greenish fruits, crisp like a potato but not starchy. More delicately flavored than squash. A fruit of many uses borne on a perennial, climbing, ornamental vine which will grow as much as 50 feet in one season. Full sun. Fruits for planting, 35c each.

New Evans Black Raspberry. The flavor is delightfully different from anything you have ever tasted, but similar to the refreshing flavor you associate with the average black raspberry. Give yourself a taste treat. See color illustration on back cover.

## Armstrong's Victory Berry Collection

Treat all the family to a wide assortment of fresh picked berries from early Spring to late Summer and then enjoy berry pies, jellies, jams and preserves the rest of the year. It doesn't take a farm either. Look what this Collection includes: Strawberries; huge boysenberries; improved raspberries, red, purple, and black; richly flavored loganberries on thornless vines; and sensational blackberries. Armstrong kinds often have fruit the first year and start bearing heavy crops the next. Order "Victory Berry Collection No. 12," \$6.55 plus 20c sales tax in California, prepaid for 20c in the United States. Plants shipped Dec. 1st to April 15th.

**3 Texas Wonder Blackberry.** Customers get over two quarts of berries per picking from three vines.

**3 Boysenberry.** Quart after quart of gigantic, richly flavored berries to eat fresh, in pies or as jam.

**3 Thornless Loganberry.** Thornless vines, juicy fruit, with almost no seeds. The finest flavored of all jams.

**2 Evans Black Raspberry.** Heaviest bearing and best flavored of all black raspberries (pictured above).

**2 Sodus Purple Raspberry.** A new purple raspberry, with juicy, full-flavored fruit the size of a quarter.

**Sunrise Raspberry.** The new red kind is the earliest and longest bearing.

**25 Rockhill Strawberry.** Starts bearing first and has the longest season. No runners to worry about and the berries are very sweet.

**25 Blakemore Strawberry.** Enormous crops of berries which make the best bright red jam.

**25 Banner Strawberry.** Tops in quality and flavor. Excellent with sugar and cream—shortcakes.

**Shipping Weights:** 10 plants of Raspberry, Blackberry, Loganberry, etc., weigh 3 lbs. packed for shipment. Other quantities in proportion. 25 Strawberry plants weigh 1 lb. See table of shipping costs page 41. Most berry orders, unaccompanied by heavier material, go forward by mail. No mail orders totaling less than \$1.50 are filled.

Big, Dark Red, Thornless Loganberries. Not a Scratch in an Acre-Full.



# Armstrong



Armstrong grapes give big returns in a small space.

## The Earliest Grape to Ripen

**Pearl of Csaba. FG23.** Since we first introduced this delicious little amber colored Hungarian Grape several years ago, it has become amazingly popular. It ripens many weeks before any other variety that we now have, and unlike many early fruit varieties it is a high quality Grape, almost seedless, with a pronounced Muscat flavor, delicate and refreshing. If you want to enjoy the first Grapes of the season, include Pearl in your planting. Bush type. June. 40c each, \$3.50 per 10.

This is an Armstrong-grown Pearl of Csaba Grape-Vine planted by Mr. F. Cid at Guadalajara, Mexico, in January, 1936. This photograph was taken in May, 16 months later. Armstrong Vines get results.



## California's Famous Western Grapes

You'll find your favorite type and color in California Grapes in this list. Black Monukka, Thompson and Sultanina rosea are seedless.

**Black Monukka. FG2.** 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 splendid early eating Grape ripening 10 days before Thompson. If we had to pick out three or four varieties only for our own enjoyment, this one would have to be included. Trellis. Early August. 25c each, \$2.00 per 10.

## Giant Everbearing

**Giant Everbearing. FG12.** An extraordinary hybrid, which is the most vigorous grower that we have ever seen in a grape vine, young vines sending out 10 or 15-foot canes almost immediately after planting, and for covering an arbor or similar structure, there is nothing finer. It ripens its fruit not in one crop but continuously over a period of three months, and the little bunches of reddish-black berries, while not exceptional in eating quality, make the most beautiful and delicately flavored grape jelly and juice that we have ever tasted. Trellis. 50 each, \$4.50 per 10.

## Malaga

**\*Malaga. FG17.** 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, but is one of the most dependable bearers anywhere. Bush type. August.

**\*Ribier. FG25.** This is the great big blue-black Grape that you see in the markets, one of the largest and most handsome Grapes grown in California. (Sometimes sold as Serbian Beauty.) Extremely large, round, almost black berries in medium size bunches, very sweet and rich. Bush type. August.

**Rose of Peru (Black Prince). FG26.** Has large loose bunches of big round black berries, crisp, sweet, and richly flavored. A grape that you can plant anywhere, coast, valley or desert, and always get exceedingly heavy crops. Bush or trellis. September. 25c each, \$2.00 per 10.

Grapes do wonderfully well in California, and every home place has room for a few vines. It takes only two years after planting to get good crops on Grape vines, so it is not necessary to wait for results. Plant home grapes 6 feet apart each way.

The Grapes which are typical of California are those that have been gathered from Persia, Turkey, Armenia, Arabia and from the Old World vineyards of France and Hungary, but we are also fortunate in being able to grow the American Grapes of the Eastern States, such as Concord and Niagara.

**Note:** Those varieties marked with a \* can be shipped anywhere in the United States. All other varieties not so marked, can be shipped only into the California Counties of Los Angeles, San Bernardino, Orange, San Diego, Ventura, Santa Barbara, Kern, Tulare, Fresno, Kings, Madera, southern San Luis Obispo County (including San Luis Obispo) and western Riverside County (including Beaumont and Banning and Hemet).

Price on Varieties Starred (\*), (Except Concord)

	Each	Per 10	Per 100
1-year Rooted Vines.....	\$0.25	\$2.00	\$10.00

Ten assorted Grape vines sold at the 10-rate. Twenty-five of one variety sold at the 100-rate. Write for prices on 250 or more.

Varieties listed in approximate order of ripening. At end of each description we indicate whether variety should be grown as bush or on fence or trellis.

**\*Thompson Seedless (Sultanina). FG28.** The well-known little greenish-amber seedless Grape so popular the country over. It is widely planted commercially for raisins and the fresh fruit as well. Bears enormously, producing very large bunches of the delicious sweet, mild berries. Bush or trellis. August.

**Sultanina Rosea. FG27.** Exactly like the Thompson Seedless, but colored a beautiful bluish pink, deepening to red in the sun, ripening several weeks later than Thompson. Trellis. 35c each, \$3.00 per 10.

## Delicious Muscats

**Black Muscat. FG4.** These large black berries have decidedly the richest flavor of any Grape that we grow, exceeding even the Muscat of Alexandria described below. It is a great favorite with everyone. Bush type. August. 25c each, \$2.00 per 10.

**\*Muscat. FG20.** The famous Muscat of Alexandria. The favorite white, highly flavored table and raisin Grape of California. The big, oval, green berries have a rich, sweet flavor which any connoisseur of fresh Grapes will tell you is the very finest there is. Bears just as well under coastal conditions as it does in the warm inland sections. Bush type. September.

**Flame Muscat. FG10.** Exactly like Muscat, with the same rich flavor and large berries of that famous variety but bright red in color. Ripens three to four weeks later than Muscat. Bush type. 35c each.

## The Sultan's Favorite

**Dattier. FG8.** A big bunch of long, amber, exquisitely flavored Dattiers will give more sheer enjoyment in the eating of them than any other Grape that we grow. Both bunches and berries are very large, with a sweet mild flavor and melting flesh. We will wager that the kings and caliphs of Persia had this variety served to them when they wanted the best from the royal vineyards. Bush type. September. 25c each, \$2.00 per 10.

# Grape Vines

## When to Plant Grape Vines

A black square under any month means that grape vines are available for planting only during those months.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	□	□	□	□	□	□	□

## The New Golden Muscat

**Golden Muscat. FG13.** Here is a new Grape which we can enthusiastically recommend. Some people prefer the Eastern "slipskin" Grapes, while others prefer the California type Grapes, but everyone likes this new kind, which is a hybrid between the richly flavored Black Muscat and the green Eastern slipskin Grape, Diamond. This new variety has retained the golden green color of the Eastern Grape but has gained the exquisite Muscat flavor, delightfully combining the characteristics of the two different types. It is a vigorous grower and heavy bearer everywhere from the hot inland valleys to the coastal regions. Bush or trellis. August. 40c each, \$3.50 per 10, \$20.00 per 100.

## The Best Red Grape

**\*Maraville de Malaga. FG18.** A wonderful red market and shipping Grape, and unexcelled for home use as well. The berries are extremely large, round, and bright red, sweet and richly flavored, and so firm that the skin can be peeled off like an orange. The best red Grape for most purposes. Bush type. September.

**\*Mission. FG19.** Medium size, round, sweet, black berries produced in enormous loose bunches. One of the old wine Grapes, brought from Spain by the Mission Fathers centuries ago. Because of its sweetness, juiciness and the enormously heavy crops that it bears everywhere, it remains a favorite. Bush or trellis. September.

**\*Lady Finger (Rish Baba). FG16.** Got its name because the berries are very long, slender and white-skinned. Large long bunches; flesh crisp, tender and sweet. Bush type. Late September.

**\*Zinfandel. FG29.** Probably the most famous Wine Grape of California, bearing an enormous quantity of compact bunches of very juicy, sweet, black Grapes. Bush type. September.

## The Famous Black Hamburg

**Black Hamburg. FG1.** One of the famous table Grapes of the world, with large bunches of coal-black, round berries, very firm, juicy, sweet and rich. Bush or trellis. Late Sept. 30c each, \$2.50 per 10.

**Gros Colman. FG14.** Berries are as large as small plums, borne in immense clusters. A rich blue color, firm and crisp. Extremely handsome. Bush or trellis. October. 35c each, \$3.00 per 10.

**\*Flame Tokay. FG11.** One of the leading shipping and table Grapes of California. Berries rich red with lilac bloom; flesh firm, crisp and sweet, and the bunches keep for a long time after packing. One of the finest and best liked of the late fall Grapes. October.

**Black Morocco. FG3.** These great round, purplish black Grapes are so large that they resemble small plums. The berries are sweet and crisp and borne in large compact bunches. Probably the largest of all Grapes and so late that they may be picked right up to Thanksgiving. Bush type. October. 35c each.

## 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 desert sections. They require more frequent irrigation in summer.

	Each	Per 10	Per 100
Price	\$0.35	\$3.00	\$17.50

**Ontario. FG22.** Not only the earliest Eastern type grape but one of the very finest green-skinned ones, with big berries in medium sized bunches which ripen early and hang on the vines for a long time if you want to leave them. Deliciously sweet and rich flavored and the vines are exceedingly vigorous. 50c each.

**Delaware. FG9.** The little red berries of this variety, sweet and juicy, have just about the finest quality of any Eastern Grape, and it bears heavily every place. Early August.

**Pierce (California Concord, Isabella Regia). FG24.** Similar to Concord, but the berries and bunches are larger and the vine is a strong grower. It is one of the finest of the American Grapes for California, and if you are just going to plant one black Eastern Grape, we suggest this one. August.

**Niagara. FG21.** 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.

## Good Old Concord

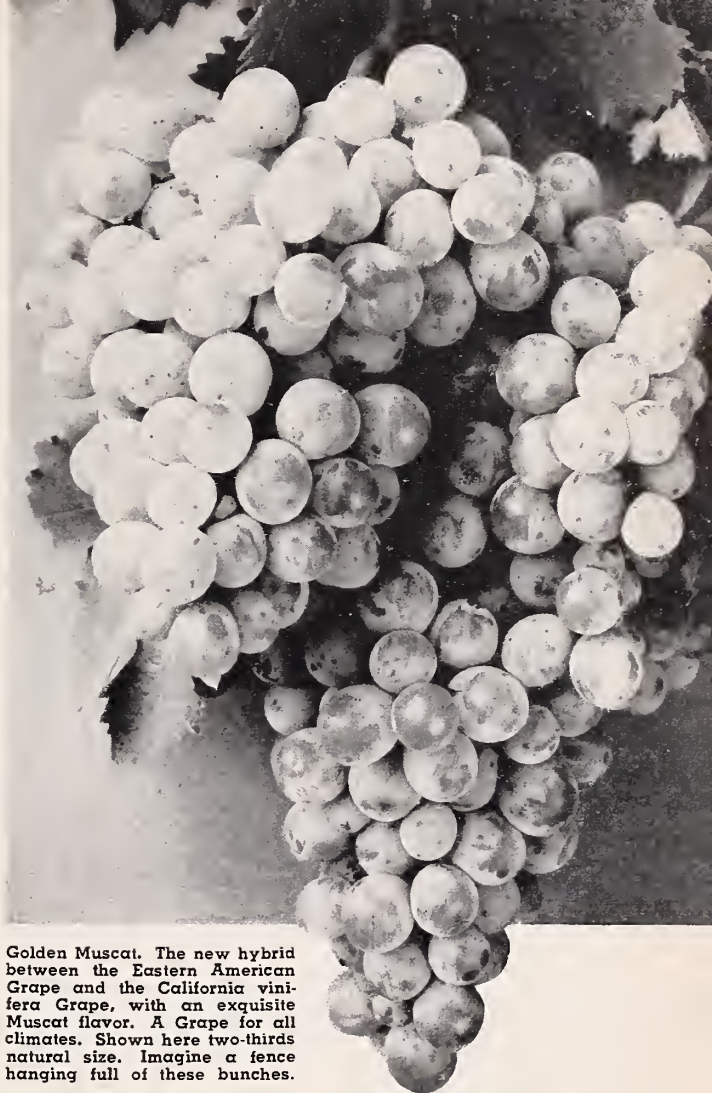
**\*Concord. FG7.** The most widely known and popular of all American Grapes. Produces profusely its medium size bunches of blue-black Grapes, which everybody says have the finest flavor of any Eastern variety. For grape juice and jelly, nothing excels it, and it ripens large crops in California. August.

**Catawba. FG5.** This has long been the standard red Eastern Grape, with a vigorous productive vine and splendid high quality fruit. Deep maroon-red in color and rich in flavor. Late August.

**Isabella. FG15.** A fine large, glossy black Grape, with a thick skin and a musk flavor, which many people prefer to Concord. It is a much more vigorous vine than Concord, with big leaves and bigger bunches. September.

## A Fine Arbor Grape

**Christmas. FG6.** If you want to cover an arbor or fence quickly and get many fine Grapes every year, there is no finer variety that you can plant than this origination of Luther Burbank. An enormous grower, covering great spaces, with fruit similar to Concord in color and flavor but ripening two months later. One vine will produce five times as much as a Concord vine. 50c each, \$4.50 per 10.



Golden Muscat. The new hybrid between the Eastern American Grape and the California vinifera Grape, with an exquisite Muscat flavor. A Grape for all climates. Shown here two-thirds natural size. Imagine a fence hanging full of these bunches.

## Espalier Grapes

For planters who wish older and larger vines which will give immediate results in covering wall, fence or arbor, we have grown and trained into 6 to 7 foot heavy columns, some large 2-year plants taken up with a large ball of earth on the roots. They will start to bear immediately, in fact, have already borne fruit. Varieties available: Pierce, Concord, Niagara, Christmas, Giant Everbearing, Maraville, Golden Muscat, Black Monukka, Thompson Seedless and Ribier. Price, \$2.50 each.

We also have in the same varieties above, large heavy specimens, trained in various espalier shapes. 3-year specimens, \$6.00 each; 4-year specimens, \$7.50 each.

## Husky Grafted Grapes

There are several reasons for planting grapes grafted on vigorous disease-resistant roots. First, they are much more vigorous and make larger and, therefore, more heavy bearing vines; second, they are entirely resistant to Phylloxera and partially resistant to Nematodes, small soil parasites which sometimes bother grapes. They bear sooner too, usually the first year after planting.

Vines grafted on resistant roots available in the varieties named below:

**Price on Grafted Grapes: 60c ea., \$5.00 per 10.**

Black Hamburg	Maraville de Malaga
Black Monukka	Muscat
Black Muscat	Ribier
Dattier	Pearl of Csaba
Malaga	Thompson Seedless

## Shipping Weights

Packed for shipment, the first grape vine weighs 1 lb., and each added vine 1/2 lb. each. To estimate shipping costs, use table on page 41.



Mr. L. E. Nigh, who has supervised the propagation of every Armstrong Avocado tree for the past 28 years, is the most successful Avocado propagator in the State. Here he is admiring a cluster of Ryan on one of the trees that he has grown. He likes this kind.

# Armstrong Avocados

## Fuerte is Still at the Top

**Fuerte.** Still the finest Avocado for commercial or home planting in California, as it has been for many years, staying at the top because of the uniformly high quality of the fruit, its heavy production, splendid marketability, winter ripening season and frost resistance. While planted in all Avocado districts, it is at its best in the transitional area. In that area there is no better Avocado for commercial production, and, of course, it is a splendid home fruit.

The fruit is elongated, pear-shaped, of medium size, with a smooth, green, leathery skin and creamy yellow, buttery flesh of exceptionally fine flavor, being excelled in this respect by no other Avocado. The tree is large and spreading, and ripens its fruit in winter, from late fall until early spring, the fruit hanging on for a long time after maturing. Fuerte is considerably harder than most Avocados but not as hardy as the thin-skinned Mexican varieties. 24°. December to May.

**Two Superior Strains of Fuerte.** Ordinary Fuerte trees often display a tendency to bear well only in alternate years, but the two Armstrong strains which we offer were carefully selected from trees which seem to have the habit of bearing heavily every year. We consider these trees to be the very finest type of Fuerte, which will give you the most fruit and the best. One strain is the **Newman Fuerte FA18**, which is probably best for the Transitional and Interior Belts, while the other is the **Cole Fuerte FA3**, which has been a regular and heavier bearer in Ventura County and may be best in the Coastal Belt. Since there is little difference between them as far as fruit and tree are concerned, we will fill your order for Fuerte with the one which we think is best for your locality unless you express preference.

## Armstrong Avocado Trees Are Best

Avocados are now a much enjoyed every day food in almost every home in California. Not only do you get a large quantity of healthful, useful fruits from an avocado tree on the home place, but you get a beautiful ornamental shade tree as well. Avocados can be grown in almost any part of California except the high mountains and desert, and you can pick out kinds that will give you fruit during the entire year if you wish. See bottom of page.

Armstrong Avocado Trees are all grown upon selected seedlings, and we use the utmost care in the selection of the buds. Our annual block of Avocado trees, grown by Mr. L. E. Nigh, is always a beautiful sight.

The ripening date given for each variety is only approximate, since the exact time of ripening varies with the location. The minimum temperatures given after each variety are approximate only, since damage from frost varies greatly according to the condition of tree, time of year, and location.

Avocado varieties vary greatly in characteristics of fruit and tree. The varieties Anaheim, Edranol, Hazzard, Hellen, Mary Martin, Nabal and Queen have thick shell-like skins and the trees are comparatively tender. The varieties Fuerte and Ryan have thinner leathery skins and are slightly harder. These two groups include the finest kinds for marketing and long distance shipping. The varieties Blackbird, Duke, Jalna, Mexicola and Zutano have thin skins, small or medium sized fruit, and are much more resistant to cold. They are best for planting in the colder sections and may safely be grown wherever oranges succeed.

## The Hardy Blackbird

**Blackbird. FA2.** A beautiful, glossy, medium sized, black, thin-skinned fruit, very handsome in appearance, pear-shaped, which we are offering again because of the high quality of the fruit and the very regular and consistently large crops which it bears. It ranks with Mexicola in being the most resistant to cold of any variety that we grow, and the tree is exceedingly vigorous and wind-resistant. It will grow and bear almost anywhere. 19°. September to November.

**Anaheim. FA1.** One of the heaviest producers of all, particularly in the coastal districts, and especially valuable for inter-planting because of its tall, slender habit of growth. The large oval, glossy green fruit, weighing 18 to 24 ounces, is not of exceptional quality but it remains profitable because of its extremely heavy crops. Coastal and transitional areas. 28°. May to August.

## We Like Duke

**Duke. FA4.** One of the finest of all Avocados for home planting in the colder interior districts. It is an oval, green fruit which looks like a small Fuerte and is much larger than the average thin-skinned variety. It will be enjoyed in the home as much as any Avocado that we grow. Any surplus sells well in the local markets, for it is a fine appearing fruit. Duke will grow almost anywhere in the valleys of California from the northern end of the Sacramento Valley to the Mexican border, and the tree is large, vigorous and beautifully foliaged. We have had as many as 3,000 fruits from one 10-year-old tree. Best in the Interior and Transitional areas. 20°. September-October.

## Shipping Weights

Most avocado trees are delivered with balls of earth on the roots. 3-4 ft. trees weigh 40 lbs., 4-5 ft. trees 50 lbs., 5-6 ft. trees, 70 lbs., 6-7 ft. trees, 75 lbs. For long distance shipment we often dig the trees with bare roots and ship them packed in moss with tops pruned back. The average weight of such bare root trees packed for shipment is 3 lbs. Use these weights and the tables on page 41 to estimate your shipping costs if material is to reach you by rail.

## Prices on Avocados

	Each	Per 10
2 to 3 feet.....	\$2.50	\$22.50
3 to 4 feet.....	2.75	25.00
4 to 5 feet.....	3.00	27.50
5 to 6 feet.....	3.25	30.00
6 to 7 feet.....	3.50	32.50

Hazzard, Hellen, Mary Martin, Queen and Zutano 25c per tree higher. Ten assorted avocados at the 10-rate. Write for prices on 25 or more trees.

## How to Enjoy Avocados Every Month in the Year

Avocado varieties vary considerably in their adaptation to different climatic conditions in Southern California and they vary greatly in their time of ripening. To make it easy for you to pick out the kinds which are best for your location and to enable you to have fruit throughout the year, we have made up the table below. Under each month are listed the varieties which usually ripen their fruit during that month in the zone described.

### For the Southern Coastal Belt, from Santa Barbara to San Diego

January	February	March	April	May	June	July	August	September	October	November	December
Fuerte Jalna	Fuerte	Fuerte	Fuerte Hazzard	Edranol Ryan Queen Hazzard Anaheim	Edranol Ryan Nabal Queen Hazzard Anaheim	Edranol Ryan Nabal Queen Hellen Anaheim	Mexicola Ryan Nabal Queen Hellen Anaheim	Mexicola Ryan Nabal Queen Hellen	Mexicola Leucadia	Leucadia Jalna	Fuerte Jalna

### The Transitional Belt, including Monrovia, La Habra Heights, Whittier, Tustin, Fullerton, La Mesa, Escondido, Fallbrook, Vista, and foothills of Santa Barbara and Ventura Counties

Fuerte Zutano Jalna	Fuerte	Fuerte	Fuerte Ryan	Edranol Ryan Queen	Edranol Ryan Queen Nabal	Edranol Ryan Queen Nabal	Ryan Queen Nabal Mexicola	Queen Nabal Duke Mexicola	Leucadia Duke Mexicola	Leucadia Zutano Jalna	Fuerte Zutano Jalna
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### The Interior Belt, from Pomona, east and from Corona, north; also Northern California (Note Minimum Temperatures)

Fuerte Zutano Jalna	Fuerte	Fuerte	Fuerte Edranol	Edranol Ryan	Edranol Ryan	Edranol Ryan	Ryan Mexicola	Mexicola Duke Blackbird	Duke Mexicola Blackbird	Zutano Jalna Blackbird	Fuerte Zutano Jalna
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## Edranol Forges Ahead

**Edranol. FA5.** Although comparatively new, favorable reports on this variety continue to pile up so rapidly that it can now be regarded as having a permanent place among the top Avocados. The exceptionally delicious, pleasant flavor of the medium sized, dark green, pear-shaped fruits prompts everyone who eats it to enthuse over it. It has a very small seed so that you get more fruit for your money. The flesh has a beautiful, smooth, buttery appearance, with no fiber and no discoloration when fully ripe. It ripens in late spring and summer and resembles Fuerte in appearance, which is a great marketing advantage. The tree is a slender, vigorous, upright grower which fits into the small home planting well. It starts to bear when young and continues to bear enormously every season. Hardier than most other "thick-skins." Coastal, Transitional, and milder Interior areas. 26°. May to August.

### Quality and Flavor

**Hazzard. FA6.** Quality and flavor are the middle names of this new green pear-shaped Avocado, the fruit of which weighs from 12 to 16 ounces. Has not been tried enough to tell whether it has commercial possibilities, but we can definitely recommend it as a good home fruit because of its beautiful, large, glossy foliage which makes it an excellent ornamental tree, and the very fine flavor and quality of the fruit. 27°. April to July. 25c per tree more than others. We have the 2-3 ft. and 3-4 ft. sizes only available.

**Hellen. FA7.** The extra "1" in this name stands for "lots of fruit" because this new variety certainly does produce, and without delay. You're likely to have some fruit the first year after you plant. It is a pear-shaped fruit of convenient, medium size, dark green, with a pebbled, leathery skin which peels off perfectly. It is of very fine flavor and quality, and has brought much higher than average prices on the markets. The tree is one of the fastest growing and largest of all Avocados. This combination of enormous vigor and heavy bearing habit should make this new variety a great success. Originated in the coastal area where it does very well indeed. Not tested fully in other areas. 25°. July to October. 25c per tree more than other kinds.

### A Beautiful Tree

**Jalna. FA8.** A new Mexican variety with green pear-shaped fruits of splendid quality. Wherever observed the trees have borne very heavy crops, and in addition it is one of the most beautiful Avocado trees in appearance—spreading, symmetrical, with handsome luxuriant foliage. We've seen many 2 and 3-year-old trees literally hanging full of big clusters of beautiful fruit. It has little competition in the early winter-ripening season. 22°. November-December.

**Mary Martin. FA10.** A promising new variety now under trial. The fruit is dark green, glossy, short pear-shaped, medium size, averaging 9 to 12 ounces. Just the right size for a good home and market fruit. We have been greatly impressed by its very high quality, smooth, fiberless flesh, heavy bearing habits and very small seed. Something like a small Nabal fruit, with the same ripening season, but harder. Probably Coastal and Transitional areas. 26°. May to October. Plant Pat. Applied For. 25c per tree extra.

### A Purplish Black Beauty

**Leucadia. FA9.** This new thin-skinned Avocado promises to be one of the best of the hardier varieties. It is a beautiful appearing fruit, with a thin, smooth, purplish-black skin. It has displaced the old Puebla since it resembles that kind but has much better eating qualities, larger crops and larger fruit. The tree is exceptionally strong, vigorous and fast growing. We recommend it very highly for home planting in the Coastal and Transitional areas. Not fully tested in Interior yet. 23°. October-December.

### The Old Dependable

**Mexicola. FA11.** The hardiest Avocado on our list and one which can be counted upon 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. A large, vigorous tree which will stand plenty of heat, cold and wind. Bears enormously in all areas. 19°. August-September.

### When to Plant Avocados

The black squares below indicate in what months you can safely plant avocado trees. The spring months are slightly preferable.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Balled	■	■	■	■	■	■	■	■	■	■	■	■



Edranol is almost a perfect summer-ripening avocado, being just the right size, of exceptionally fine quality, with smooth buttery flesh.

### One of Biggest and Best

**Queen. FA14.** This is not only the largest fruited avocado on our list, but for eating we think it is one of the best. The big, purplish maroon, pear-shaped fruits weigh 1½ to 2 lbs., and not only are they of extremely high quality but they ship exceedingly well. It is a splendid home fruit, and there should be a few trees in every commercial planting, particularly in the Coastal and Coastal foothill districts. A spreading large-leaved tree of beautiful appearance. 28°. May to October. 25c per tree more than other kinds.

### Nabal Means Abundance

**Nabal. FA12.** A leading summer-ripening Avocado, second only to Fuerte as a commercial kind. Fruit round, large; 16 to 20 ounces, with a smooth leathery green skin and a very small seed, of exceptionally fine quality. The name is a Guatemalan Indian word meaning "abundance," and one look at a Nabal tree hanging full of its great clusters of beautiful fruits is enough to justify the name, even though it tends to ripen its big crops in alternate years. 28°. Coastal and Transitional areas. June to Sept.

### Ryan Bears Heavily

**Ryan. FA15.** Commercial growers have been looking for a medium sized pear-shaped green fruit to ripen after the Fuerte season is over, and this variety answers this description so well that the fruit often brings almost twice as much per acre as have other summer Avocados. It is one of the heaviest and most consistent bearers yet discovered in Avocados. The trees are big, spreading, vigorous growers and have borne enormous crops wherever planted. The quality of the fruit is good. Its period of summer ripening, its heavy bearing habit and its unusual resistance to frost, are other advantages. Coastal and Transitional areas best. 25°. May to October.

### A Promising Fruit

**Zutano. FA16.** There are few good green Avocados ripening in the late fall which look like Fuerte. Zutano does, and this is a distinct advantage in marketing the fruit. The light green, 8-ounce, pear-shaped fruit has a comparatively thin skin, is much harder than Fuerte and has an excellent flavor. Bears excellently in the Transitional area, not tested elsewhere. Probably good in all areas 26°. November-January. 25c per tree extra.

How would you like to have a Duke Avocado tree full of fruit like this?



# Colorful Armstrong Perennials



## Everblooming Daisy

*Arctotis acaulis*. P4. 10°. The most popular perennial we have ever offered is this bushy South African plant, 1 to 2 feet high and as much across, which frequently carries 40 or 50 magnificent 3-inch flowers at one time in brilliant shades of orange, yellow, lavender, pink, white or purple. Each plant is different in color, and we can't guarantee to furnish any exact shade. They are at their best in late fall, early winter and early spring, and usually produce some blooms the entire year. Full sun. 55c.

## Wonder of Staefa

*Aster frikartii*. P6. 20°. Many consider it to be the country's finest perennial plant. It will provide a mass of lavender-blue flowers, 2 to 2½ inches across, from June 1 to December 1 without a break. Not only a splendid show in the garden, but excellent for cutting. Grows easily anywhere. Full sun or part shade. See color illustration on back cover. 75c.

*Bergenia cordifolia*. P7. 15°. Big broad thick leaves, making a dense clump about 15 inches high, with quantities of 12-inch spikes of pink flowers all through the winter. Shade. Plenty of moisture. 60c.

## Serbian Bellflower

(See color illustration on page 35)  
*Campanula poscharskyana*. P11. 10°. For bordering a lawn or to place in the foreground of a group of shrubs, we know of no finer small plant than this lovely little Bellflower which makes a beautiful little clump of evergreen, violet-like foliage about 4 to 6 inches high and 12 to 18 inches across. For many weeks in early summer it is covered with hundreds of little starry, bell-shaped, lavender-blue flowers about 1¼ inches across, borne on 6 to 8 inch stems. Grows easily in shade or semi-shade in any soil. The cheeriest little plant imaginable with all of those little blue faces looking up at you. It comes from the Dalmatian Mountains in Jugo-Slavia, where all of those Serbian patriots are resisting the Nazis so heroically. 60c.

## Showy Cannas

*Cannas*. 15. Handsome, big foliage and large showy flowers, blooming from early summer until frost. Full sun. Root divisions, 25c each, \$2.00 per 10 of one kind.

*Candelabra*. P12. 3½ ft. Ruffled pink with tones of orange and salmon.

*City of Portland*. P13. 3½ ft. Deep pink with peach throat markings.

*Eureka*. P14. 3 ft. White, yellow center.

*Mrs. Pierre S. duPont*. P16. Clear pink.

*President*. P17. 5 ft. Orange-scarlet.

*Razzle Dazzle*. P18. 3½ ft. Orange, yellow spots.

*Wyoming*. P19. 5 ft. Orange blooms, bronze leaves.

## Dainty Dwarf Blue

*Ceratosigma plumbaginoides*. P19A. (*Plumbago larpetnce*.) "Dwarf Blue *Ceratosigma*." 15°. The deep rich blue flowers of this dwarf spreading plant (6 to 8 inches) are welcome all over the garden. Such cooling color is especially appreciated during this plant's summer and fall blooming season. Semi-shade or sun. 50c.

## Yellow Cypella

*Cypella herbertii*. P20. 15°. A beautiful little bulbous herb, 2 to 3 feet high, carrying on long stems in May and June lovely orchid-like flowers with three broad petals, richly colored in cream, gold, purple and brown. Each spike carries 10 to 12 buds, which open up one at a time every day so they last for a long time. Shade or semi-shade. 65c.

*Dimorphotheca ecklonis*. P24. "Star of the Veldt." Large, spreading plant becoming 4 feet high and more across, with large, 3-inch, pale blue flowers in late winter and spring. 45c.

## Blue Delphiniums

*Delphinium Pacific Hybrids*. P20A. A glorious new strain of Delphinium, with huge, double flowers, 2½ to 3½ inches across, in long, well proportioned spikes. The colors range from pale blue through the various shades of deep blue, lilac, turquoise and azure. The plants grow 3 to 6 feet in height. We have them divided into **Dark Blue Shades** and **Light Blue Shades** if you want them separated. Flats of 100 small plants, \$2.50.

## Blue Dianella

*Dianella tasmanica*. P22. 10°. We enthusiastically recommend this permanent little perennial for a shady or semi-shady spot. The 2-foot clump of grassy foliage is beautiful the year around, and in spring appear spikes of the most brilliant sky-blue flowers which turn later in the summer into big, 1½-inch, oval berries, a lovely and fascinating shade of turquoise-blue. We are unable to decide whether the flowers or the berries are the loveliest, but the berries are beautiful for bowl arrangements. 75c.

## Fairy Wands

*Dierama pendula*. P23. 15°. A delightful clump of grass-like foliage, 2 feet high, which carries in the spring 3-foot stems, slender, wiry, swaying in the breeze, from which hang the lovely pink, bell-shaped flowers. Excellent for cut material and beautiful in the garden. Sun or semi-shade. 65c.

## Pride of Madeira

*Echium fastuosum*. P25. 15°. From the Island of Madeira in the South Atlantic. Each plant makes a large clump 4 to 6 feet high and 4 feet across made up of enormous blue flower spikes, blooming in June. Likes open warm sunny location where drainage is good. 65c.

## Beauty in Blue and Gold

*Felicia aethiopica Compact*. P25A. 15°. You will be amazed at the brilliant display of blue and gold this 12-inch, compact gem of a plant will provide all through the spring, summer and fall. The dainty, 1-inch daisy-like blooms almost hide the plant, they are so numerous. This is a cutting grown strain that we have selected ourselves. 75c.

## Transvaal Daisies

*Gerbera Jamesoni Hybrids*. P26. All *Gerberas* are lovely cut flowers and those who attend flower shows have enthusiastically acclaimed our selected, large-flowered, long-stemmed strain. The colors range from strow through pink, yellow, orange to brilliant scarlet and crimson. We sell mixed colors only. Full sun. 50c. Bare root divisions, \$1.70 per 12.  
*Geum Prince of Orange*. P27. 0°. A beautiful clump of big, strawberry-like foliage surmounted in the spring with 2-foot flower spikes carrying magnificent double 2-inch blooms of brilliant orange. Sun. Plenty of moisture. 50c.

## Perennial Sunflower

*Helianthus angustifolia*. P27A. 0°. Hundreds of brilliant dark-centered golden yellow flowers, 3 inches across on a 6-foot plant. Do not confuse these with the coarse sunflowers. Of the Black-eyed Susan type of bloom, these are the best there are, and they make September a glorious month in the garden. Full sun. 60c.

## "Red Hot Poker"

*Kniphofia*. "Red Hot Poker." 0°. Long upright stems at their ends have a fiery 5 or 6-inch long cone made up of brilliant firecracker shaped blooms tightly packed together. We have **Towers of Gold** (P40) (brilliant golden yellow tipped with scarlet, 4-5 ft.) and **Royal Standard** (P39) (brilliant orange-scarlet, 3-4 ft.). 45c.

No perennial gives more color and flowers with less trouble than the Daylilies (*Hemerocallis*). Flowers 6 to 8 inches long, 4 to 6 inches across.

## Perennials are Permanent

Perennials bloom year after year in the garden. They are much easier to grow than annuals, which have to be replanted every year. Some perennials have evergreen tops, while some die down to the ground every winter and come up again in the spring. At both of our Salesyards you'll find others than those listed here, as well as a complete supply of annual flowering plants.

Unless another size is specifically mentioned, the prices indicated for the plants listed below are for plants in gallon containers.

**Save 10%.** Purchase 5 of one variety or 15 or more of the assorted plants on pages 23 to 62, inc. (no flats, divisions or 2¼-inch pots), and get the following reductions: 25c to 65c, inc., deduct 5c per plant; 70c to \$1.75, inc., deduct 10c per plant; \$1.80 or more, deduct 25c per plant.

## Apple Fragrance

*Angelonia grandiflora*. P4A. 2 ft. 30°. During the summer months it is a showy clump full of many spikes of unique violet-blue flowers like medium-sized snapdragons which have a delightful apple fragrance. 50c.

*Agapanthus africanus Blue*. P1. "Lily of the Nile." 15°. 8-inch heads of sparkling blue flowers on 2-ft. stems, rising from a clump of deep green strap-like leaves. 75c.

*Anemone japonica*. "Windflower." 0°. Delicate, 2-inch, waxy blooms on tall 2-foot stems over large, handsome foliage. Plant in shade or half-shade. We have two varieties, **Crested Pink** (P2) and **Whirlwind** (P3), both of which are semi-double. 65c.

*Aquilegia Crimson Star*. P4B. 15 inches. A free blooming, sturdy, compact Columbine with large, spectacular crimson and white flowers. 45c.

*Aquilegia (Columbine)*. P4C. 3-4 ft. There is nothing finer for the semi-shaded, moist spot for spring bloom. Many delightful colors. 45c; flats of 100 small plants, \$2.50.

*Arctotis acaulis*.  
Blooms all the year.





## Everblooming Day Lilies

**Hermerocallis.** "Day Lilies." 2-4 ft. 10° The large, lily-like flowers keep on coming from spring to fall above a handsome clump of narrow leaves. Many are very fragrant and they'll provide color as freely all through the summer and fall as anything you can plant. Easily grown in any soil. Sun or half shade. 50c. Also bare root 35c each, \$3.00 per 10.

**Calypso.** P31. Fragrant, 5 to 6-inch yellow flowers.

**Flava.** P33. Sweet-scented, clear yellow.

**Gypsy.** P34. Rich deep gold-orange color, with deeper golden brown basal markings. **J. A. Crawford.** P32. Apricot-yellow on 4-foot stems.

**Kwanso.** P35. Double golden bronze.

**Mrs. H. W. Wyman.** P36. A luminous light pale yellow with 4-foot stems.

**Marguerite.** Popular, free blooming, fast growing, winter and spring blooming plant. We have **Single Yellow (P44)** and **Single White (P43)**. 3-4 ft. high. Full sun. 45c.

**Morea iridioides.** P46. Iris-like plant, white flowers marked with yellow and blue. Blooms from spring to late fall. Full sun.

**Morea bicolor (P45A)** has creamy yellow flowers with brown markings. 50c.

## Blue Cup-Flowers

**Nierembergia frutescens.** P47. "Blue Cup-Flower." 2-3 ft. 15°. A low, fast-growing sub-shrub, bushy and much branched, which starts blooming in late spring and keeps it up until late summer, being covered all that time with shallow, cup-shaped light violet-blue flowers, one inch across. Full sun. Not too much water. 45c.

**Nierembergia hippomanica.** P48. 15°. The plant is similar to the above variety, but gets only 12 inches high and about 18 inches across, becoming a solid, rounded mass of deep violet-blue flowers throughout the entire summer. It has so many flowers and blooms for so long it will amaze you. Likes plenty sun and not too much water. 45c. Also flats of 100 small plants, \$2.50.

## Geraniums

Geraniums bloom almost the year around in California, and often are at their best in the middle of winter. Fine for the open garden or for pot plants for wall, patio or terrace. Botanically, Geraniums are all Pelargoniums, so don't be confused if you see the name Pelargonium on the label. 23°.

All Geraniums listed below: 65c.

**E. G. Hill.** P49A. Clear live pink.

**Marguerite de Layre.** P51. Dbl. pure white.

**Maxine Kovalesky.** P52. Copper-scarlet.

**Radio Red.** P53. Brilliant single scarlet.

**Ivy Geraniums.** Your choice of **Red (G19)**, lavender, and **Pink (G20)**. 4-inch pots, 40c.

## Pelargoniums

For coastal regions there is nothing finer than the brilliant-hued Pelargoniums (Martha Washington Geraniums). 3-4 ft. Both sun and half-shade. All following varieties, 65c.

**Easter Greeting.** P48A. Red, black blotches.

**Edith North.** P49. Rose-pink, darker pink center.

**Lavender Queen.** P50. Clear lavender.

**Springtime.** P54. Ruffled pink petals, bordered white.

**Sue Jarrett.** P55. Salmon-pink, shaded rose.

## Perennial Phlox

**Phlox decussata.** For great masses of bloom in summer and fall in the richest and loveliest of colors, for cut flowers, too, there is nothing better than these easily grown, gloriously hued Phlox, which are never-failing in their profusion of big, bright colored flower heads. 0°. Root divisions, 30c each, 3 for 70c; 12 for \$2.40. (Weight: 12 plants, 2 lbs.)

**Beacon.** P58. Brilliant cherry-red.

**Daily Sketch.** P60. Pink with rose eye.

**Dixie.** P60A. Orange-pink.

**Leo Schlageter.** P61. Orange-scarlet.

**Lillian.** P61A. Rose-red.

**Morgenrood.** P61B. Rose-pink, scarlet eye.

**Mrs. Chas. Door.** P62. Pastel lavender.

**Mrs. Jenkins.** P63. Pure white.

**Rijnstroom.** P64. Rose-pink.

**Salmon Glow.** P65. Flame pink and salmon.

**Von Hockberg.** P65A. Brilliant red.

**Mixed Collection:** 10 separate named kinds, one of each, 10 plants for \$2.20.

## Colorful Penstemons

**Penstemon heterophyllus.** P56. "Blue Gem." 0°. Dwarf, 12 inches. Bright blue. Exceedingly effective for sunny blue border. A native. 45c.

**Penstemon Sensation.** P57. 2-3 ft. Giant flower spikes, many colors, white to deep crimson, mostly rose-pink. Blooms almost entire year. Sun. 45c; flats of 100, \$2.25.

**Reinwardtia indica.** P66. 15°. 2-4 ft. A brilliant, flashy spot of sunshiny yellow in the middle of winter, 2-inch, bell-shaped flowers in great quantities. Sun or shade. 50c; 5-gal. tins, \$1.50.

**Scilla peruviana.** P69. "Peruvian Quill." 20°. Low grassy plant with big, showy, 12-inch flower spikes of bright sky-blue, borne in June. Part shade. 50c.

## New Shasta Daisies

The improved kinds listed below are becoming tremendously popular. They grow just as easily as old kinds, bloom as much and make wonderful cut flowers. 15°.

**Esther Reed.** P71. 2 ft. A symmetrical, pure white, medium-sized double Shasta Daisy with a full, white, double center, 2½ to 3 inches across. Cut blooms of this variety brought a tremendous price on the cut flower market last year, so you know how fine they are for cutting. 60c.

**Pasadena.** P72A. 3 ft. Large, 4-5 inch flowers on long stems. 45c.

**Chiffon.** P70. 12 inches. Small flowers with daintily filled petals. 45c.

## Lasting Lavender Sprays

**Statice perezi.** P73. (Limonium.) "Sea Lavender." Tufts of broad, shiny leaves and immense candelabra-like heads of purplish blue flowers which can be cut and dried to keep indefinitely. Fine near coast. 45c.

## Frilled Blue Moon

**Stokesia Blue Moon.** P73A. A flower of startling size and beauty with immense light blue disc-like flowers, 4 to 6 inches across, borne on stiff 12 to 18 inch stems, the entire plant becoming 2 to 3 feet high. It grows quickly, blooms with great freedom. The individual flowers last for 10 days on the plant or cut and no insects bother it. Full sun. 60c.

## Fragrant Herbs

**Thyme (P76)** and **Thyme Variegated (P76B)**. 8 inches. 10°. It's nice to have one of these fragrant foliageed, dwarf clumps tucked in some corner. Both have lavender-blue flowers. 45c.

**Salvia officinalis.** P67. "Garden Sage." 10°. The kitchen favorite. 45c.

**Trachelium caeruleum.** P76A. 2 ft. Great spreading panicles of bright blue flowers. 45c.

## Lavender Surprise

**Tulbaghia cepacea.** P78. 10°. You'll have a pleasant surprise in July when you see the lovely lavender-mauve flower heads of this little bulbous plant, borne on the end of 18-inch stems. You'll be more surprised when it keeps right on flowering up until November. Makes an evergreen clump a foot across and a foot high. Sun near coast. Part shade inland. 50c.

## Trollius Golden Wave

**Trollius Golden Wave.** P77. 0°. A beautiful 18-inch yellow flowering plant for the shade. The golden flowers shining out in spring and early summer. See colored illustration on back cover. 85c.

## Verbenas

**Verbenas.** Our Verbenas are large, giant flowered ones grown from cuttings. They are immensely superior to the small flowered, weakly colored seedlings usually sold. Verbenas are extremely showy for a sunny spot and are particularly good near the coast. We have **Beauty of Oxford (P79)** (rose-pink), **Crimson King (P80)**, **Lavender Queen (P81)**, **Pink Beauty (P82)**, **Purple Prince (P83)**, **Radio Red (P84)**, and **Snow White (P85)**. Flats of 100, \$3.50.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.



Make September colorful with Perennial Sunflower (6 ft.).

## Fragrant Violets

**Violets.** What plant can equal the fresh, sweet fragrance of the Violet and the delightful loveliness of its coloring? The answer is, "none." We offer **Princess of Wales (P87)**, the longest stems and finest fragrance. Also **President Herick (P86)**, the biggest flowers and finest foliage. Flats of 100 plants, \$4.50.

## Calla Lilies

**Zantedeschia aethiopica Godfrey's White.** P90. The best and most free-blooming form of this favorite white flower. Splendid for a shady spot. 50c.

**Zantedeschia elliottiana.** P91. "Golden Calla Lily." The flowers are a rich golden yellow and the large green leaves are marked with silver. 60c.

**Zantedeschia aethiopica Baby White.** P89. Dainty, miniature white blooms, only 12 inches high. 4-inch pots, 50c.

Shipping weight of gal. tins is 10 lbs. each; 4-inch pots, 3 lbs.

**Nierembergia (18 inches).** Hundreds of these blue cup flowers all summer long.



# Armstrong Deciduous



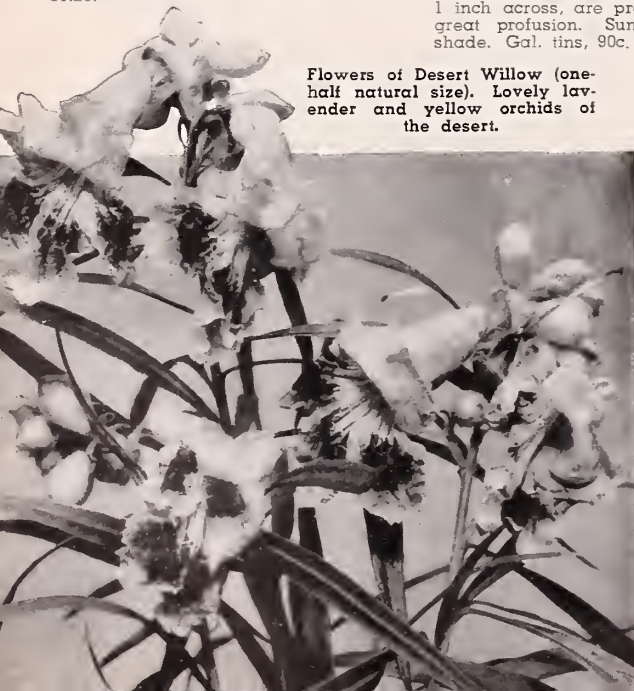
Every twig of the Snowdrop Tree is lined with blossoms like this in May (natural size).

## Flowering Almond

*Amygdalus alba nana*. DSA. "Dwarf White Flowering Almond." 6 ft. Below 0°. This beautiful shrub bears a mass of little double, white flowers in early spring, and is particularly effective when planted among evergreens so that its beauty is displayed against a background of green. 3-4 ft., \$1.25.

*A. rosea nana*. DSB. "Dwarf Pink Flowering Almond." 6 ft. Below 0°. A little plant of rare beauty with small buttonlike flowers of soft pink which completely cover the branches. 3-4 ft., \$1.25.

Flowers of Desert Willow (one-half natural size). Lovely lavender and yellow orchids of the desert.



## They Grow Anywhere

You can enjoy the hardy spring flowering shrubs listed on these two pages no matter where you live because they are not particular as to climate. They produce almost immediately after planting thousands of gay spring and summer flowers which make colorful cut sprays.

### Quantity Prices

You save 10% when you order 15 or more assorted shrubs, trees or vines. See page 27.

### Shipping Weights

The packing weight of deciduous shrubs averages 3 lbs. for the first plant and 2 lbs. for each additional plant. Gal. tins weigh 10 lbs., 5-gal. tins weigh 50 lbs. See page 41 for shipping costs.

## Redbud

*Cercis occidentalis*. DT6. "Western Redbud." 8-12 ft. 5°. The rich crimson buds and rosy purple pea-shaped flowers appear just before the leaves in the spring, lining every twig. The bronze colored leaves then appear, develop into big, 3-inch, glossy, blue-green foliage for the summer. Grows easily anywhere. A fine cut flower. Full sun or part shade. 3-4 ft., 85c; 4-5 ft., \$1.25.

## Desert Willow

*Chilopsis linearis*. DS1. "Desert Willow." 10-15 ft. 5°. A surprising native California plant from the hottest, sandiest parts of the Southern California desert. Looks like a small Willow but breaks out in the summertime with the most lovely, orchid-like, trumpet-shaped flowers, 2 inches long, in delicate but brilliant shades of lilac, lavender and yellow. Easily grown anywhere. Full sun. Dry soil. Gal. tins, 85c.

## Wintersweet

*Chimonanthus praecox*. DF5. "Wintersweet." 6 ft. 0°. This handsomely foliaged shrub covers itself before winter is over with lovely, waxy, pale yellow blooms like miniature star-like magnolia blooms which scent the air for yards around with a most delicious fragrance like a mixture of Jonquills and Violets. The lovely fragrant blooms, each 1 inch across, are produced in great profusion. Sun or part shade. Gal. tins, 90c.

## Flowering Quince

Place one or two branches of Flowering Quince informally in a vase and you will have a long-lasting natural flower arrangement which everybody thinks is perfect. The plants have a handsome glossy foliage throughout the summer and like a location with plenty of sunshine. 0°.

*Chaenomeles lagenaria* Apple Blossom. DF1. 6 ft. Bring "Apple Blossom Time" into your garden and your home with the 1 3/4-inch rose-pink and white blossoms of our favorite Cydonia. Each winter the sturdy twigs are full of lemon-white buds which suddenly burst open aglow with rose-pink shadings. 2-3 ft., \$1.25; 3-4 ft., \$1.50.

*C. lag. rosea*. DF3. (Cydonia.) 6 ft. The earliest deciduous shrub to flower, its leafless branches displaying the brilliant rosy-red flowers in January, and if cut before that time and placed in water in the house they will often open up even in December. 1 1/2-2 ft., \$1.00; 2-3 ft., \$1.25; 3-4 ft., \$1.50.

## Blood Red Quince

*C. lag. rubra grandiflora*. DF4. 6 ft. Immense great blood-red blooms, borne in great profusion over the entire plant. Also blooms with the very earliest in January and February. Cut in the bud stage, they will open in beautiful shades of pink in the house. 1 1/2-2 ft., 85c; 2-3 ft., \$1.00; 3-4 ft., \$1.25.

*C. lag. candida*. DF2. 6 ft. Its sprays of large snowy-white flowers are very lovely and when cut for the house, make exquisite table decorations, keeping for many days. Often sets two crops of blooms, one in early winter and the other in the late spring. 1 1/2-2 ft., \$1.00; 3-4 ft., \$1.50.

*C. lag. contorta*. DF2A. "Crooked Quince." 4-6ft. A very picturesque and odd variety, the branches turned and twisted every few inches, bearing quantities of beautiful snow-white blooms in the winter and spring. Every time you cut a branch of this beautiful Quince you'll have a different and unique table decoration. 1 1/2-2 ft., \$1.50; 3-4 ft., \$2.00.

## Golden Bells

*Forsythia fortunei*. DF6A. "Golden Bells." 8 ft. Below 0°. Showy yellow flowers borne in great profusion along the slender branches in late winter and early spring. One of the first spring flowering shrubs to bloom. 3-4 ft., \$1.25; 4-5 ft., \$1.50.

## Snowdrop Tree

*Halesia carolina*. DS4. "Snowdrop Tree" or "Silver Bells." 8-20 ft. 5°. One of the most beautiful sights seen in any garden. Every horizontal branch in the spring hangs full of little pendulous, white, bell-shaped flowers, like little silver bells. You can almost imagine them tinkling as you gently shake a branch. Likes shelter from the hottest sun and plenty of moisture. Splendid for the edge of the lawn. Nothing finer for cut flower material. 4-5 ft., \$1.75; 5-6 ft., \$2.00.

**When to Plant.** Most deciduous shrubs are shipped with bare roots from January 1 to April 15 only. Those varieties listed in tins may be planted any time.

## Smoke Tree

*Cotinus coggygria*. DS2. "Smoke Tree." 8-10 ft. Below 0°. A handsome large shrub with good looking summer foliage, surmounted from July to October with many loose, feathery panicles of minute, purplish-grey flowers which give the effect of a dense cloud of richly colored smoke. The leaves turn vivid golds and yellows in fall. Grows easily anywhere. Full sun. 4-5 ft., \$1.75; 5-6 ft., \$2.00.

## Blue Stars

*Hydrangea villosa*. DS4A. "Blue Star Hydrangea." 4-6 ft. 10°. You really have a thrill coming when you glimpse the first magnificently colored flower head of this new Hydrangea, which was only discovered in remote China a few years ago. Six-inch flat heads of big, 1 1/2-inch blooms in the most delightful and dainty shade of porcelain-blue that you have ever seen. Much daintier than the ordinary Hydrangea and with handsome big summer foliage, too. It blooms in the middle of summer, later than the other Hydrangeas. Give protection from hot sun. Likes plenty of moisture. Gal. tins, \$1.25; 5-gal. tins, \$2.75.

## Wistaria Bush

*Indigofera Gerardiana*. DS4C. "Wistaria Bush." 6 ft. 15°. A handsomely foliaged spreading shrub with rich dark green acacia-like foliage, carrying in the middle of summer many 6-inch clusters of rose-colored flowers which look like Wistaria blossoms. The combination of lacy foliage and bright colored blooms makes a picture hard to beat. Easy to grow. Full sun or part shade. Gal. tins, 90c; 5-gal. tins, \$2.00.

## Beautybush

*Kolkwitzia amabilis*. DS5. "Beautybush." 6 ft. 0°. A fine hardy flowering shrub from Central China, forming a beautifully foliaged bush, fountain-like in habit, every branch in the spring becoming a plume of lovely bell-shaped pink blossoms, mottled with orange. A shrub that will thrive almost everywhere in sun or shade. Extremes of heat, cold and wind do not bother it. Requires little attention but provides much beauty. 2-3 ft., \$1.50.

## Crepe Myrtle

*Lagerstroemia indica*. During the hot summer days of July, August and September the Crepe Myrtles are masses of brilliant color. They do not bloom so well directly on the coast, but in the inland valleys of California their crinkled crepe-like flowers are produced in great profusion. The larger kinds become almost tree-like. 12°.

Prices on all Crepe Myrtles except White. Gal. tins, 75c; 5-gal. tins, \$2.00.

**Pink Crepe Myrtle.** DF9. 10-20 ft. Lovely pastel pink.

**Red Crepe Myrtle.** DF10. 10-15 ft. Rich watermelon-red.

**White Crepe Myrtle.** DF11. Big, snowy white blossoms. Rarely seen because it is difficult to propagate. Ours are grafted plants. Gal. tins, \$1.00; 5-gal. tins, \$2.25.

**Dwarf Red Crepe Myrtle.** DF8. Watermelon-red. Reaches 8 feet. **Dwarf Blue Crepe Myrtle.** DF7. 8-10 ft. A beautiful dwarf lavender-blue.

# Spring Flowering Shrubs

## Chinese Magnolias

**Magnolia liliiflora.** DS7. 8-10 ft. 10°. In gardens the world over the deciduous spring flowering Magnolias are much loved and admired for their great lily-like blooms in the Spring. This particular kind does not get too large for the average garden, and it blooms with great profusion. The plants are covered for almost three months in March, April and May with the beautiful flowers which become 5½ inches across when fully open, rich reddish purple on the outside and creamy white inside. Sun. Plenty of moisture. The larger plants listed will have flower buds in the winter. Balled, 1½-2 ft., \$4.00; 2-3 ft., \$5.50; 3-4 ft., \$7.50.

**Magnolia salicifolia.** DS8A. "Anise Magnolia." 15-20 ft. A much branched, upright tree which each spring gracefully displays a lavish show of pure white, fragrant informal 6-petaled star flowers, 4 inches across. The big leaves don't come out on any of these Magnolias until the month-long flower show is over, and then they quickly clothe the bare twigs. When you rub the twigs of this one you release the fragrance of anise and lemon verbena. 3-4 ft., \$4.50; 4-5 ft., \$5.50; 5-6 ft., \$7.50.

**Magnolia stellata.** DS12. "Star Magnolia." 5-8 ft. 10°. The first of the Magnolias to open its blooms in the spring and possibly the most charming. Star-shaped, snowy white blossoms, 3 inches across, with about 15 narrow petals. They cover the entire bush and every plant that we sell should have blooms during the next flowering season. Sweetly fragrant, too. Balled, 1½-2 ft., \$4.00; 2-3 ft., \$5.00.

## Sweet Fragrance

**Philadelphus lemoinei Belle Etoile.** DS14. "Purple Spot Mock Orange." 6 ft. 0°. A new Philadelphus, quite rare in this country. Its big, white, saucer-shaped flowers, 1½ inches across, have purple spots at the base of each snowy white petal, lending a touch of bright color to the snowy white. Also this variety has a powerful and exceedingly enchanting fruity scent. Easy to grow anywhere and always a mass of flowers in the late spring. Sun or part shade. Philadelphus are often incorrectly called Syringas. 1½-2 ft., \$1.00; 2-3 ft., \$2.50.

**Philadelphus virginialis.** DS15. 6-8 ft. 0°. A greatly improved form of Philadelphus (the old-fashioned flower often incorrectly called Syringa) with enormous snowy white flowers, 3 inches across, so surpassingly fragrant that they perfume the air for many feet around the plant. It is one of the most delightful spring flowering shrubs and the cut sprays make wonderful indoor decorations. Easily grown anywhere. Sun or part shade. 2-3 ft., \$1.25; 3-4 ft., \$1.50.

## Manchu Cherry

(Illustrated in color on front cover of this Catalog.)

**Prunus tomentosa.** DF19. "Manchu Cherry." 5 ft. 5°. This shrub to us typifies the virtues possessed by the ancient country of its birth, China. Fruitful: The delicious little red cherries crowd each other all up and down the many branches. Beautiful: In the spring many white blooms lay tight against twigs amply provided with large, interestingly textured, green foliage, and in June the crimson fruit shines out like rubies. Stands adversities: Wind, cold, heat, lack of rich soil don't keep it from fruiting. You will enjoy the fruit fresh-picked from the bush, in cherry pies and preserves. This Armstrong strain was selected from three superior types which in turn were selected from thousands of seedlings by the U. S. Department of Agriculture. The only Bush Cherry which has been successful in Southern California, even though other kinds have been much advertised and sold. These plants are cutting grown so you are sure to get a sure-bearing, large fruited specimen. Bare root or 5-gal. tins, \$2.75.

## Spirea

**Spirea van Houttei.** DS18. "Bridal Wreath." Below 0°. 6 ft. A charming shrub of moderate size which almost everybody knows and wants to enjoy in their garden. Fountaining branches are loaded with their white flowers in spring. 1½-2 ft., 85c; 2-3 ft., \$1.00; 3-4 ft., \$1.25.

**Spirea cantoniensis.** DS17. "Double Bridal Wreath." 5 ft. Below 0°. Like the above, but slightly smaller and the flowers are double, borne in great profusion. 1½-2 ft., 85c; 2-3 ft., \$1.00.

## Persian Lilac

**Syringa persica laciniata.** DS21. "Feathered Persian Lilac." 6 ft. Below 0°. This is the finest Lilac for Southern California because it likes our dry summers and warm winters and can always be counted upon to display innumerable panicles of bright lavender flowers over the entire plant in the early spring. It has long arching branches, dainty fern-like foliage, and you can cut great quantities of sweetly fragrant lavender blooms from it in the flowering season. See illustration in color on page 34. Gal. tins, 65c; bare root, 2-3 ft. or 5-gal. tins, \$1.85.

## Eastern Lilacs

**Syringa.** The old-fashioned Lilac with its sweet-scented, delicately colored flowers does well in the colder winter climates of California, but does not bloom as freely in the lower coastal valleys. 0°. All varieties, 2-year plants, \$1.50.

**Armstrong Lilacs** are cutting grown and do not sucker from the root.

**Claude Bernard.** DS18A. Double purple.

**Mme. Lemoine.** DS20. Double white.

**Michael Buchner.** DS19. Double blooms

a rare shade of rich violet-pink.

**Pascal.** DR20A. Clear pastel lilac. Single.

**Single Purple.** DS23. Old-fashioned kind.

**Single White.** DS22A. Like the old-fashioned purple, but pure white.

**Vauban.** DS22. Double, purplish lilac.

## Pink Tamarix

**Tamarix parviflora.** DS24. "Feathery Pink Tamarix." 15 ft. 5°. A large shrub with reddish bark and slender, spreading branches, covered in spring and early summer with feathery, pink flowers. Thrives even in alkali, dry desert locations, or where hit by ocean spray. 3-4 ft., 85c; 4-6 ft., \$1.10.

## Korean Spice

**Viburnum carlesii.** DS25. "Koreanspice Viburnum." 5 ft. 0°. Many of our customers rate *Viburnum carlesii* as one of their ten favorite fragrant shrubs. The delicate coral-pink blooms, which become pearl-white as they open, possess a most intense yet delightfully refreshing perfume. Comes from a stern climated portion of Korea and is hardy everywhere. The dwarf bushy plants are without their greyish-green foliage for only a few fleeting weeks, the leaves turning brilliant red before they fall. Gal. tins, \$1.00; 5-gal. tins, \$2.25.

## Old-Time Snowball

**Viburnum opulus sterile.** DS26. "Old-Fashioned Snowball." 8 to 10 ft. Below 0°. The favorite old-fashioned shrub, producing an abundance of white globular flower clusters in May and June. Grows anywhere, in any soil, under all climatic conditions. 1½-2 ft., \$1.25; 2-3 ft., \$1.50.

## Lilac-Scented

**Viburnum fragrans.** DS25A. "Lilac-Scented Viburnum." 6-8 ft. 10°. In California this attractive foliaged shrub is in bloom from November to March. The 2-inch clusters of little pink and white flowers are deliciously lilac-scented. Gal. tins, 90c.



The deep scarlet blooms of Flowering Quince appear in California in the middle of winter.

## The Blue Chaste Tree

**Vitex agnus castus latifolia.** DS27. "Blue Chaste Tree." 8 ft. 0°. Good blue flowering plants are scarce. This hardy one is covered in June with 8-inch spikes of bright lavender-blue flowers. Cut the faded blooms and you get more in August. It will be one of the finest flowering plants in your garden during that period—never fail to bloom. Grows easily anywhere in any soil, but prefers a sunny position. 2-3 ft., \$1.50; 3-4 ft., \$1.75; 5-gal. tins, \$2.00.

## Free Flowering Weigelas

**Weigela florida.** DS29. "Old-Fashioned Pink Weigela." 6 ft. 0°. The large clusters of trumpet-shaped, bright pink flowers make a wonderful display in the spring and early summer, nestled in the bright green foliage. 1½-2 ft., 85c; 2-3 ft., \$1.00; 3-4 ft., \$1.25.

**Weigela Eva Rathke.** DS28. "Red Weigela." 4 ft. 0°. Rich ruby-red flowers all summer and fall on a more bushy plant. 1½-2 ft., 85c; 2-3 ft., \$1.00; 3-4 ft., \$1.25.

**Weigela Ideal.** DS30. "Dark Pink Weigela." 0°. Similar to *Weigela florida* but with larger flowers in a deeper, richer shade of pink. 1½-2 ft., 85c; 3-4 ft., \$1.25.

Flower heads of Korean Spice Viburnum (2 in. across).



# Deciduous Shade Trees

These trees, which lose their leaves in winter, grow easily anywhere, including the desert regions. They give cool summer shade in the hot season and the soothing warmth of sunshine in winter. Most of them grow very rapidly. In addition to the sizes given on these pages, we have larger specimens of most of these trees. See them at our Display Yards. Sizes and prices given upon request.



Weeping Willow for graceful shade. See next page.

When to plant is indicated below by black squares under each month. Most kinds are available only as dormant bare root stock during the winter.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	■	■	■	■	■	■	■
Tins	□	□	□	□	□	□	□	□	□	□	□	□

## Montebello Ash

*Fraxinus velutina coriacea*. DT8. "Montebello Ash." 25-30 ft. 5°. Our finest Ash for all sections, coast, valley, and desert, with bigger, darker green foliage, a more dense, compact head, not attacked by that enemy of the Ash, red spider. No bothersome seedpods to clean up either. Just right in size for the average parkway or small garden. Holds its foliage late in the fall and comes out early in the spring. We have discontinued the Modesto Ash, a similar type, in favor of this improved variety. 5-6 ft., \$1.50; 6-8 ft., \$2.00; 8-10 ft., \$2.50.

*Fraxinus velutina*. DT7. "Arizona Ash." 30 ft. 0°. One of the finest trees for planting in the arid desert sections of the Southwest, although it makes a splendid tree near the coast as well. It requires little water and thrives in alkaline soil, growing with great rapidity. 5-6 ft., \$1.25; 6-7 ft., \$1.50; 7-8 ft., \$1.75.

Young California Sycamore



**Quantity Prices.** Purchase 5 of one variety or 15 or more of the assorted plants on pages 23 to 62, inc. (no flats, divisions or 2 1/4-inch pots), and get the following reductions based on the catalogue each price: 25c to 65c, each, inclusive, deduct 5c per plant; 70c to \$1.75 items, inclusive, deduct 10c per plant; \$1.80 or more, each, deduct 25c per plant.

**Shipping Weights.** Bare root deciduous trees weigh, packed for shipment, as follows: 4-6 ft., 5 lbs.; 6-8 ft., 7 lbs.; 8-10 ft., 10 lbs.; 10-12 ft., 16 lbs. These weights are for one tree. Each additional tree will weigh about 20% less. See shipping costs and information on page 41.

## Maple Trees

*Acer buergerianum*. DT1. "Trident Maple." 15 ft. If you want a small Maple tree with brilliant fall color, this is it. It will fit into the average home garden easily because of its small size, and it has typical, beautifully shaped, 3-inch, maple leaves in a rounded compact head. Magnificent red and bronze shades in fall. Grows easily anywhere. Full sun. Gal. tins, 75c.

*Acer franchetii*. DT1A. "Franchet Maple." 15 ft. -10°. Another beautiful small Maple tree, similar to the Trident Maple but with somewhat larger leaves not so deeply cut. It has exceptionally beautiful fall coloring, predominantly red with some orange-yellow shades. Easily grown anywhere. Although a small tree, it grows to full size rather quickly. Gal. tins, 75c; 5-gal. tins, \$1.85.

*Acer macrophyllum*. DT2. "Bigleaf Maple." 60 ft. 0°. Big deep green leaves, a foot across, and amazingly rapid in growth when young. It makes a beautiful, big, spreading, densely-foliaged tree in a very short time. The best of the large growing Maples for the Pacific Coast except that it has little autumn color. Gal. tins, 90c; 5-gal. tins, \$2.00; bare root, 5-6 ft., \$2.00; 6-8 ft., \$2.50.

*Acer saccharinum*. DT3. "Silver Maple." 60 ft. -10°. This Maple grows readily anywhere on the Pacific Coast and makes a beautiful, fast growing shade tree. Displays every fall leaves of the glorious autumn shades. 6-8 ft., \$1.50; 8-10 ft., \$2.00; 10-12 ft., \$2.50.

*Acer palmatum atropurpureum*. DT2A. "Red Leaved Japanese Maple." 6-10 ft. -10°. A beautiful small tree or large shrub, with graceful, elegant, deeply cut maple leaves, rich red in color all through the season. A rich spot of color wherever planted. Best in part shade, with plenty of moisture. Grafted plants with the most handsome type of foliage. 2-3 ft., \$4.00; 3-4 ft., \$6.00.

## White Birch

*Betula alba*. DT4. "European White Birch." 30 ft. -20°. Its picturesque white bark, dancing, shimmering foliage and slender, graceful shape make the White Birch a favorite everywhere. It is particularly desirable near streams or pools. 4-6 ft., \$1.25; 6-8 ft., \$1.75; 8-10 ft., \$2.25.

*Betula pendula laciniata*. DT4A. "Cut-leaf Weeping Birch." 20 ft. -20°. The beautiful weeping Birch with a straight, snowy-white trunk from which the bark peels, deeply cut leaves, and slender pendulous branches. 6-8 ft., \$3.00.

## Hackberry

*Celtis occidentalis*. DT5. "Hackberry." 60-80 ft. 0°. A fine shade tree for the hot, dry southwestern country, forming a large, widespreading head of light green foliage. Is not affected by any insects or fungi, and grows in any soil and under all conditions. We recommend it highly for Imperial Valley and Arizona. 6-8 ft., \$1.50; 8-10 ft., \$2.00.

## Sweet Gum

*Liquidambar styraciflua*. DT11. "Sweet Gum." 30 ft. -10°. This is one tree which provides just as much color in the fall in California as it does in the East, and in November and December it is a solid pyramid of rich shades of gorgeous red. A splendid small parkway tree. Thrives anywhere from the ocean front to desert valleys. 5-gal. tins or balled, 4-5 ft., \$2.25; balled 5-6 ft., \$2.75; 6-7 ft., \$3.25.

## Tulip Tree

*Liriodendron tulipifera*. DT12. "Tulip Tree." 75 ft. -20°. A favorite because the tall, well formed, pyramidal trees are deep rooted and well furnished with uniquely notched 5-inch leaves. Tulip-like flowers of yellowish-orange, in the spring, shine out against the clear light bluish-green foliage, which assumes its autumn color, a vivid shimmering yellow in early fall. Insects and decay stay away. 6-8 ft., \$2.50; 8-10 ft., \$3.25.

## Umbrella Tree

*Melia azedarach umbraculiformis*. DT13. "Texas Umbrella." 30 ft. 0°. A splendid fast growing tree for either coastal regions or hot interior valleys. The branches radiate from the trunk to form a large, rounded umbrella, densely covered with fern-like leaves and in summer large panicles of lavender flowers. 4-6 ft., \$1.25; 6-8 ft., \$1.75; 8-10 ft., \$2.25.

## Chinese Flame Tree

*Koelreuteria bipinnata*. DT10. "Chinese Flame Tree." 20-30 ft. 0°. Here is the finest new deciduous shade tree introduced recently. It forms a rounded, compact head, with great long, pinnate, deep green leaves, exceedingly handsome. The large, bladder-like seed-pods, borne in late summer and early fall, are brilliant orange-red. Gal. tins, 75c; bare root or 5-gal. tins, 4-5 ft., \$2.00.

## Mulberries

*Morus nigra*. DT16. "Persian Mulberry." 10-15 ft. 0°. If you are planting a Mulberry primarily for the fruit, then this is the variety you want, for it has the largest and finest fruit of all, two inches long, juicy and aromatic, splendid for juice or preserves. The tree is smaller than the other Mulberries. 3-4 ft., \$1.50; 4-5 ft., \$1.75; 5-6 ft., \$2.00.

*Morus rubra*. DT17. "Hicks Mulberry." 40 ft. -20°. A strong, upright, fast-growing tree with dense foliage, thriving anywhere and furnishing excellent shade. Bears good sized delicious black berries. A tree for the bird-lover, whether it be robins or only White Leghorns. Splendid for chicken runs. 6-8 ft., \$1.35; 8-10 ft., \$1.60; 10-12 ft., \$1.85.

*Morus Kingan* Fruitless. DT15. 30 ft. -5°. One of the finest shade trees for any region, particularly the desert sections, for it gives dense shade in an amazingly short time and stands any amount of heat, drought, cold and alkali. For street and many garden locations, fruit on a Mulberry is undesirable, and this variety is absolutely fruitless. Only the Chinese Elm can compete with it for vigor and all-around desirability in the hot climates. 4-6 ft., \$1.50; 6-8 ft., \$1.75; 8-10 ft., \$2.00.

## Weeping Mulberry

*Morus alba pendula*. DT14. "Weeping Mulberry." 8 ft. -5°. From a height of eight feet the branches of this beautiful little weeping tree curve gracefully right to the ground, forming a dense umbrella-shaped head which may be left to grow naturally as a beautiful lawn specimen or may be trained out horizontally over a frame-work to make a wide roof of living green. Grows anywhere. 2-yr. 6 ft. \$2.50.

## Sycamores

**Platanus acerifolia.** DT19. "European Sycamore," "London Plane." 60 ft. 20°. 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. Makes a dense shade and may be heavily pruned if desired. An all-purpose tree for summer shade. 6-8 ft., \$1.25; 8-10 ft., \$1.75; 10-12 ft., \$2.25. We have a few larger specimen trees, individually priced.

**Platanus racemosa.** DT20. "California Sycamore." 60 ft. 0°. Throughout all of California this has been one of the most popular home shade trees, and is undoubtedly the most beautiful native California deciduous tree, with its picturesque green foliage and irregular mottled white trunk. Grows easily anywhere and is indifferent to soil or moisture, making a particularly fine tree for lawn specimen. 8-10 ft., \$1.75; 10-12 ft., \$2.50; 12-14 ft., \$3.50. For those who want immediate results, we have very large specimens which are priced individually. You will want to see and hand-pick the specimen which will best fit into your planting.

## Sycamore Clumps

To provide planters with picturesque specimens of California Sycamore possessing several main branches growing irregularly from the base of the tree, we offer low-branched clump-like trees. 6-8 ft., \$2.00; 8-10 ft., \$3.00.

## Chinese Pistachio

**Pistacia chinensis.** DT18. "Chinese Pistachio." 20-40 ft. 5°. A handsome round-headed tree with attractive pinnacle foliage. Before the leaves drop they turn brilliant glowing hues of scarlet and crimson. Grows well anywhere from seacoast to desert. See page 12 for Pistachio Nut tree. 4-6 ft., \$1.75; 6-8 ft., \$2.25.

## Poplars

**Populus eugenei.** DT20A. "Carolina Poplar." 40-60 ft. —20°. Exceedingly fast growing tree which attains large size quickly. Of tall, broadly pyramidal form with dense foliage. Easy to grow on the desert or near the coast. 6-8 ft., 85c; 8-10 ft., \$1.00; 10-12 ft., \$1.50; 12-14 ft., \$2.25.

**Populus nigra italica.** DT21. "Lombardy Poplar." 50-75 ft. —20°. The tall, slender, narrow Poplar so valuable for lining driveways, tall border planting, or for accentuating certain types of architecture. Grows very rapidly. 6-8 ft., 85c; 8-10 ft., \$1.00; 10-12 ft., \$1.50; 12-14 ft., \$2.25; 16-18 ft., \$3.50.

## Cottonless Cottonwood

**Populus fremonti** Thorner. DT22. "Thornber Cottonwood." 50-75 ft. 0°. A splendid fast growing large shade tree for Arizona and the inland arid sections. Very large size, vigorous growth, clean white bark and handsome foliage of the Cottonwood but with none of the bothersome "cotton" so objectionable on many Cottonwoods. 6-8 ft., \$1.10; 8-10 ft., \$1.35; 10-12 ft., \$1.75.

## Weeping Willow

**Salix babylonica.** DT23. 40 ft. 0°. The well-known picturesque "Weeping Willow." Large, spreading top and long pendulous branches. Thrives in dry or wet soils and grows rapidly. 8-10 ft., \$1.50; 10-12 ft., \$2.00.

## Chinese Elm

**Ulmus pumila.** DT23A. "Chinese Elm." 40-60 ft. 0°. No tree in our entire list will exceed this one for rapidity of growth, and it is being very widely planted all over the country, particularly in dry interior sections, because it adapts itself to any climate and is indifferent to extremes of heat, cold, drouth and alkali. It is one tree which can be planted anywhere and which will be certain to succeed. Often grows to 30 or 40 feet in three years. A good-looking tree, too, giving plenty of shade. 6-8 ft., \$1.00; 8-10 ft., \$1.25; 10-12 ft., \$1.50; 12-14 ft., \$2.25; 14-16 ft., \$3.50.

Please include both name and code number of each variety ordered, on your order sheet.



Flowering Cherry Daybreak—Thousands of lovely pink blooms (twice as large as above).

# Spring Flowering Trees

## Flowering Cherries

Flowering Cherries have an exquisite loveliness all their own. Every California garden should have at least one to welcome spring. For many weeks they are a giant bouquet composed of thousands of dainty, delicately colored blooms. Give them plenty of water and a west or east exposure inland and you will have a magnificent show every year. 0°.

**Campanulata.** DF15. 20 ft. A very early bloomer, the brilliant rosy-red single flowers appearing almost two months before the other kinds, and it never fails to bloom heavily. 4-6 ft., \$1.25; 6-8 ft., \$1.50.

**Daybreak.** DF16. 10-15 ft. We guarantee that it will provide a profusion of beautiful blooms every spring. Its very large, single, pink flowers appear before the leaves in such profusion that the tree is a cloud of pink. If you plant but one Flowering Cherry, we recommend this one. 4-6 ft., \$1.50; 6-8 ft., \$1.75.

**Shirofugen.** DF18. 10-15 ft. Deep pink in the bud, pale pink in the open flower. Great magnificent tresses of double carnation-like blooms like the illustration below. 2-3 ft., \$1.25; 3-4 ft., \$1.50.

## A Flowering Apricot

**Flowering Apricot.** DF17. "Dawn." 8-10 ft. 0°. This is one of the most beautiful spring flowering deciduous trees that can be imagined. The 1½ to 2 inch, fully double flowers are borne thickly along the reddish brown branches before the leaves appear, the color is deep rose-pink, and they are spicily fragrant. The bloom is carried over an unusually long period. A good looking little tree the rest of the year too. Sun or part shade. 4-6 ft., \$1.25.

## Purple-Leaved Plum

**Prunus pissardi.** DF17A. 5°. An excellent flowering Plum with deep purple foliage covered with small, pale pink blooms in spring. It has long been one of the most popular of the flowering fruit trees. 4-6 ft., \$1.35.

**Bechtel's Double Rose Flowering Crab.** Violet Scented. (Reduced two-thirds.)



## Flowering Crab Apples

Even one Flowering Crab in a garden will provide a delicate spot of color so delightful and picturesque that its blooming period will be one of the important events of the year. —20°.

**Malus aldenhamensis.** DF14. "Aldenham Crab." 8-15 ft. Its richly colored, semi-double blood-red flowers are the loveliest of all the Crabs and are borne against purplish bronze foliage, which in itself is very beautiful. The flowers are followed by purplish red, 1-inch fruits. 4-6 ft., \$1.25; 6-8 ft., \$1.50.

**Malus arnoldiana.** DF12. "Arnold Crab." 8-10 ft. Dwarf and bushy with very large rose colored flowers, turning white as they age. 4-6 ft., \$1.25; 6-8 ft., \$1.50.

**M. ioensis Bechtel.** DF13. "Bechtel's Double Rose Flowering Crab." 8-12 ft. Covered in early spring, just after the foliage appears, with large, beautifully, fully double flowers like small roses in a soft, delicate pink color, deliciously violet-scented. Exceedingly free flowering. 2-3 ft., \$1.25; 3-4 ft., \$1.50.

## Flowering Peaches

For spring color nothing excels the Flowering Peaches, which grow with the greatest ease anywhere and never fail to produce a great profusion of bloom. The trees are not only a source of great admiration in the garden but they enjoy having their branches cut for indoor use. 0°. The price on all varieties below 3-4 ft., 85c; 4-6 ft., \$1.00.

**Early Rose Pink.** DF14A. The earliest of all. **Early Red.** DF14B. A magnificent ruby-red. **Pure White.** DF14C. Immense snow-white blooms.

**Flowering Cherry, Shirofugen.** Blooms 2 inches across like big Carnations.





Hedge of quick growing Tecate Cypress photographed at the Rancho Santa Ana Botanic Garden, where its merits were first demonstrated. These plants are 12 feet high and are about 2½ years old.

## Live Christmas Trees

**Cedrus deodara. C2. "Deodar."** 25-75 ft. 0°. This famous Cedar from the Himalaya Mountains has silvery blue-green foliage especially suited to our Southwestern landscape. A magnificent pyramidal tree up to 75 feet in height, requiring plenty of room. Balled, 7-8 ft., \$5.50; 8-10 ft., \$7.50; boxed, 10-12 ft., \$17.50; 12-14 ft., \$20.00.

**Cedrus deodara compacta. C3. "Armstrong Compact Deodar."** Most planters can more easily find room for this selected strain of the above, which is much more dense, compact, trim and symmetrical than the usual type, growing slowly and staying small, seldom exceeding 25 or 30 feet in height. These are grafted trees and hence cost a little more to grow. Gal. tins, \$1.25; balled, 2-3 ft., \$2.75; 3-4 ft., \$3.50; 4-5 ft., \$4.50; 5-6 ft., \$6.00; 6-7 ft., \$7.50.

**Cedrus atlantica glauca. C1. "Blue Atlas Cedar."** 20-40 ft. 0°. Beautiful, symmetrical with foliage of intense silvery blue. It has a straight central trunk with many rather stiff semi-upright side branches, and its beautiful blue color makes it stand out and its beautiful blue color makes it stand out. Gal. tins, \$1; balled, 4-5 ft., \$4; 5-6 ft., \$5; 6-7 ft., \$6.50.

## Italian Cypress

**Cupressus sempervirens. C7. "Italian Cypress."** 20-60 ft. 5°. Tall, slender, green spires, invaluable as accent points in the landscape planting. Our trees are the true narrow type, holding their slender shape permanently. Gal. tins, 60c; 5-gal. tins or balled, 5-6 ft., \$2.25; balled, 6-7 ft., \$3.00.

Stately, long-lived Incense Cedar



# Coniferous Evergreens

The Conifers or Cone-bearing Evergreens include many trees and shrubs, almost all of them with needle or scale-like evergreen foliage. Most are native to cold climates, and are admirably suited to mountain regions and other areas where the temperatures are low. However, most of them do equally well anywhere in the California valleys or coastal regions.

The sizes given in the descriptions below are ultimate sizes and may not be attained for many, many years. Minimum temperatures are approximate only.

**Save 10%.** Purchase 5 of one variety or 15 or more of the assorted plants on pages 23 to 62, inc. (no flats, divisions or 2¼-inch pots), and get the following reductions: 25c to 65c each, inc., deduct 5c per plant; 70c to \$1.75 each, inc., deduct 10c per plant; \$1.80 or more, each, deduct 25c per plant.

**Shipping Weights.** Most conifers are shipped with a ball of earth on the roots. The average weights, packed for shipment, are: 2-3 ft., 25 lbs.; 3-4 ft., 35 lbs.; 4-5 ft., 45 lbs.; 5-6 ft., 60 lbs.; 6-8 ft., 75 lbs. Plants in gallon tins weigh 10 lbs. and in 5-gallon tins 50 lbs. See page 41 for costs.

## Blue Spanish Fir

**Abies pinsapo glauca. Cb. "Blue Spanish Fir."** 20-60 ft. —5°. A trim, symmetrical, conical tree with many stiff branchlets, soft blue-green in color. It is much more adapted to the drier parts of the Southwest than most other conifers and stands dry heat better too. Easy to grow. Balled, 1½-2 ft., \$3.00.

## Blue Lawson Cypress

**Chamaecyparis lawsoniana Scarab. C4. (alumi.) "Blue Lawson Cypress."** 6-12 ft. 0°. Popular because of the beautiful metallic silvery-blue color and the symmetrical pyramidal habit of growth. Thrives anywhere in the West except in desert sections. Slow grower. Balled, 2-3 ft., \$2.50; 3-4 ft., \$3.00; 4-5 ft., \$4.00.

## Fast Growing Hedge

**Cupressus forbesi. C6. "Tecate Cypress."** 15-20 ft. 10°. A little known native California Cypress "discovered" in demonstration plantings. It has almost entirely displaced the Monterey Cypress since that variety is very short-lived due to attacks of fungus and borers. There are many strains of *Cupressus forbesi*, but the Armstrong strain is the fastest growing and best shaped tree of all that we have observed. The plants grow with extreme rapidity, and we have observed trees planted 6 feet apart when only 6 inches high which in 30 months were from 11 to 13 feet high and had completely filled in as a solid hedge. The beautiful silvery green foliage fills in thickly and does not die out in the center. It makes a beautiful specimen tree also, forming a tall, compact column of silvery green foliage in a very short time. For windbreak plant 6 to 8 feet apart. Flats of 100 small plants, \$4.50 per 100; gal. tins, 60c; 5-gal. tins, \$1.75.

**Cupressus arizonica. C5. "Arizona Cypress."** 20-40 ft. 10°. A beautiful bluish-green cypress of narrow pyramidal form from the mountains of Arizona and Northern Mexico. A handsome tree for desert sections, and when planted in hedge form makes an excellent windbreak. Flats of 100 small plants, \$3.00; gal. tins, 50c; 5-gal. tins, \$1.50.

## Prostrate Junipers

**Sizes Determined by Spread, Not Height. Juniperus conferta. C15. "Shore Juniper."** —5°. Never more than 1 foot high and spreading to 7 or 8 feet, this Creeping Juniper does well anywhere in California, except in the deserts. The dense dark green foliage is very attractive. Gal. tins, 65c; 5-gal. tins, \$1.75.

**J. sabina Tamarix. C18. (tamariscifolia.) "Spreading Savin Juniper."** —30°. A dense, compact mound of gray-green foliage, spreading to 5 or 6 feet but never more than 18 inches high. The foliage never changes color, and there is nothing finer for a corner where a low, spreading plant is wanted. Gal. tins, 75c; 5-gal. tins, \$1.85; balled, 1½-2 ft., \$1.85; 2-2½ ft., \$2.50; 2½-3 ft., \$3.00.

**J. chinensis San Jose. C11. "San Jose Creeping Juniper."** —5°. Never more than about a foot high, it makes a spreading 4 to 5 foot low mound of beautiful grey-green foliage, richer in color than the Spreading Savin Juniper and somewhat lower in growth. It grows with the greatest of ease in almost any climate, hot or cold. It's quite new and we think it is one of the very best low spreading Junipers that we have ever grown. Gal. tins, 85c.

## Semi-Prostrate Junipers

**Juniperus chinensis Pfitzer. C12. (pfitzeriana.) "Pfitzer Juniper."** 6-8 ft. —10°. Has bushy, wide-spread, horizontal branches, and forms an immense flat, irregular head of bluish-green foliage, graceful in outline, 6-8 feet in height and the same across. Heat or cold, sun or shade, sea-coast or desert, it does equally well under all conditions. Gal. tins, 75c; 5-gal. tins, \$1.75; balled, 2-2½ ft., \$2.00; 2½-3 ft., \$2.25; 3-4 ft., \$2.75; 4-5 ft., \$3.50.

**J. chinensis Armstrong. C9. "Armstrong Spreading Juniper."** —10°. One of the finest dwarf evergreens is this hybrid Juniper, which makes a dense mass of soft gray-green foliage about 2 feet high and becoming about 5 feet across. Splendid for the foreground of any planting, thriving equally well in sun or shade and adapting itself to any climate. Gal. tins, 75c; 5-gal. tins, \$1.85; balled, 1½-2 ft., \$1.75; 2-2½ ft., \$2.25; 3-4 ft., \$3.00.

## Upright Junipers

**Juniperus chinensis Blue Columnar. C10. (columnaris.)** 10 ft. —10°. A tall, narrow column with bright blue-green dense foliage. Long-lived and handsome, thriving in any climate. Balled, 3-4 ft., \$2.25.

**J. chinensis Twisted. C13. (torulosa.)** 6-8 ft. —5°. A semi-dwarf, picturesque plant with densely crowded, tufted, twisted branches which looks as if it had been trained artificially. For picturesque beauty it is without equal. Sun or half shade. 5-gal. tins, \$2.50; balled, 2-3 ft., \$3.00.

## Narrow Irish Juniper

**Juniperus communis hibernica. C14. "Narrow Irish Juniper."** 6-8 ft. —5°. A very narrow and erect columnar plant, similar in shape to Italian Cypress but staying much smaller and entirely different color—grey blue-green. A very attractive conifer for framing doorways or accenting columns, where great height is not desired. Eventually becomes about 1½ ft. to 2 ft. in diameter, but seldom exceeds 6 or 8 ft. in height. See illustration opposite page. Full sun or semi-shade. Balled, 2-3 ft., \$2.00; 3-4 ft., \$3.00; 4-5 ft., \$3.75; 5-6 ft., \$4.50.

**J. californica glauca. C7A. "Blue California Juniper."** 10 ft. 5°. A native of the high desert mesas, making a beautiful, small, pyramidal tree in cultivation. Silvery blue when young, darker green as the plant matures. Hardy any place. Balled, 4-5 ft., \$3.50.

**J. pachyphloea. Silver. C17. "Silver Alligator Juniper."** 8 ft. 0°. A beautiful dwarf form of the Alligator Juniper, native to Arizona and New Mexico. It makes a loose, round-topped shrub, with most intense brilliant silvery blue foliage, more brilliant than any other conifer that we grow. Hardy anywhere in western United States and thrives under all conditions. Balled, 3-4 ft., \$2.25; 4-5 ft., \$3.00; 5-6 ft., \$4.00; 6-7 ft., \$5.00.



Narrow Irish Juniper makes a beautiful, dense, blue-green column.

The black squares under every month below indicate that you can plant conifers during any month in the year.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Ball or Tins												

## Armstrong Arborvitae

**Thuja orientalis Beverly Hills. C31. (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. Needs full sunshine to bring out the rich golden color. Balled, 3-4 ft., \$1.75; 4-5 ft., \$2.50; 5-6 ft., \$3.25; 6-8 ft., \$4.00.

**T. orientalis Baker. C29.** 10-12 ft. —5°. A tall, narrow column of bright green foliage. A little broader at the base and not quite so fast growing as the Pyramidal below. Balled, 2-3 ft., \$1.50; 3-4 ft., \$2.00; 4-5 ft., \$2.50.

**T. orientalis Pyramidal. C33. "Green Pyramid Arborvitae."** 10-12 ft. —5°. A tall, narrow column of bright green foliage. Fast growing and thriving anywhere in any climate. Balled, 2-3 ft., \$1.75; 3-4 ft., \$2.00; 4-5 ft., \$2.50.

**T. orientalis Yellow Column. C34. (elegantissima.) "Golden Pyramid Arborvitae."** 12-15 ft. —5°. Similar to Beverly Hills but not as tall, with a broader, more bushy base. The green foliage is tipped with golden bronze. Balled, 3-4 ft., \$2.00; 4-5 ft., \$2.75; 5-6 ft., \$3.50.

**T. orientalis compacta. C32A.** 6-8 ft. 0°. A dwarf compact cone of green all year regardless of cold, sun, wind or rain. Small growing enough to make a good long-lasting accent for planting on either side of steps or to mark an entrance. Balled, 1½-2 ft., \$1.75; 2-2½ ft., \$2.00; 2½-3 ft., \$2.50.



Giant Sequoia, permanent Christmas Tree. Beautiful at all ages from 1 to 3,000 years.

## Incense Cedar

**Libocedrus decurrens. C20. "Incense Cedar."** 25 to 50 ft. —5°. A native of the California mountains and one of our finest evergreen trees. Makes a tall, dense, compact pyramid with deep green, lustrous foliage which is delightfully fragrant and pungent. It grows easily anywhere and is a magnificent tree anywhere in the Southwest. Gal. tins, 75c; balled, 4-5 ft., \$3.00; 5-6 ft., \$4.00; 6-7 ft., \$5.00.

## Koster Blue Spruce

**Picea pungens Koster. C20A. "Koster Blue Spruce."** 8-15 ft. —10°. One of the most spectacular of all evergreens because of its brilliant, glistening, silvery blue color and symmetrical shape. The plants are difficult to graft and, therefore, are always scarce. Balled, 2-2½ ft., \$17.50.

## The Fern Pine

**Podocarpus elongatus. C24.** 15 ft. 10°. South African forest tree which in California gardens makes a beautiful medium-sized plant with soft, fine-cut green foliage, fern-like in appearance. It makes a dark green tracery against stucco walls and has become increasingly popular over the past few years since it has become better known, and fits beautifully into the finest California plantings. Sun or half-shade. 5-gal. tins, \$2.50; tubbed, 4-5 ft., \$4.00.

## Yews "The Aristocrat"

**Taxus baccata Irish. C27. (T. hibernica.) "Irish Yew."** —5°. This famous Yew is incomparable where a narrow, upright, perfect green column is desired for framing doors or in formal gardens. It is trim, sedate, formal, and has beautiful red berries. Very slow growing, the plants below are already many years old. Balled, 3½-4 ft., \$15.00; 4-4½ ft., \$20.00.

## Order by Mail

If it is not convenient for you to visit our Display Yards, send in your order by mail. We will get the plants safely to you by the best available means of transportation no matter where you live, whether it be by mail, express, freight or our own trucks. See pages 40 and 41 for shipping information.

## Dwarf Golden Arborvitae

**Thuja orientalis Berckmanns. C30. (aurea nana.) "Dwarf Evergolden Arborvitae."** 6 ft. 0°. This is the most popular dwarf conifer grown in California and in the Southwestern States. Dwarf, compact and broadly conical in form, the tips of all the branches are covered with bright gold throughout most of the year. See illustration at bottom of page. Gal. tins 65c; balled, 15-18 inches, \$1.25; 1½-2 ft., \$1.75; 2-2½ ft., \$2.25.

**Thuja orientalis Bonita. C32.** 0°. The most perfect of the dwarf, cone-shaped green Arborvitae. Never exceeds 5 feet in height, broad and compact. Balled, 1½-2 ft., \$1.75; 2-3 ft., \$2.25.

## Pines

**Pinus canariensis. C21. "Canary Island Pine."** 80 ft. 10°. One of the most beautiful and permanent of all Pines for California. Extremely long needles in large tufts. The new growth is silvery white. Tall and slender. Gal. tins, 65c; 5-gal. tins, \$1.85.

**P. halepensis. C22. "Aleppo Pine."** 50 ft. 5°. A rapid growing Pine suitable for quick effects, particularly in dry locations. Longer lived than the Monterey Pine and similar in appearance. Gal. tins, 65c; 5-gal. tins, \$1.85.

**P. radiata. C23. "Monterey Pine."** 60 ft. 8°. A well-known native of the California coast. Very bushy when young, with bright green foliage. Valuable for quick effects because it is the fastest grower of all Pines. Although native to the coast, it grows readily inland, but is not long-lived there. Gal. tins, 65c; 5-gal. tins, \$1.85.

In order to avoid errors in filling your order, please be sure to include on your order sheet both the name of the item and the number following the name.

Dwarf Golden Arborvitae (shown at right).

Juniperus sabina Tamarix (below). Excellent for foreground planting.



Golden Column Arborvitae, illustrated at extreme right.

## The Giant Sequoia

**Sequoia gigantea. C25. "Giant Sequoia."** —5°. Everyone knows about the famous "Big Tree" of the Sierras, oldest and largest of all living things, but do you know how trim and beautiful they are when young, with each sturdy little side branch doing its share to form a perfect cone of blue-green foliage? If you plant a small tree now (even in a small yard) as your young son's outdoor Christmas tree, it will still be small enough to decorate when his great-grandson is old enough to enjoy it. Thrives anywhere in California except in desert regions. Gal. tins, \$1.00; balled, 2-3 ft., \$4.00; 3-4 ft., \$5.50; 4-5 ft., \$7.50.

**Sequoia sempervirens. C26. "Redwood."** 150 ft. 0°. The well known California Redwoods are among the largest and most picturesque trees known. They grow rapidly into beautiful specimens and thrive readily anywhere on the Pacific Coast except on the desert. Gal. tins, 75c; 5-gal. tins, \$2.00.

# Armstrong Select

Nothing improves the California landscape more than evergreen trees. We need all of the green foliage that we can get and we need summer shade. You'll find many magnificent flowering trees here which are seen in California but rarely because planters simply do not know how lovely they are. These include *Acacia elongata*, Cape Chestnut, Shamel Ash, Golden-Flowered Dwarf Eucalyptus, Hymenosporum and *Tricuspidaria*.

**Save 10%.** When you purchase five of one variety, or fifteen or more assorted ornamental plants listed on pages 23 to 62, inclusive, of this Catalog (except flats, divisions or 2 1/4-inch pots), you are entitled to the following reductions:  
Listed each Rate

\$0.25 to \$0.65, inclusive..... Deduct 5c per plant  
.70 to 1.75, inclusive..... Deduct 10c per plant  
1.80 or more..... Deduct 25c per plant

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

**Shipping Weights.** The average shipping weight of plants in 5-gallon tins 50 lbs. each, for plants in gallon tins is 10 lbs. each, for plants in 5-gallon tins 50 lbs. each. See pages 40 and 41 for shipping costs and information.

**When to Plant.** The black squares under each month in the calendar below indicate that you can plant evergreen shade trees during every month in the year.

Months	J	F	M	A	M	J	J	A	S	O	N	D
From Tins	■	■	■	■	■	■	■	■	■	■	■	■



Flowers of the Orchid Tree (pink, purple and yellow). The tree is full of them in early summer. Note the handsome foliage too.

## Fast Growing Acacias

***Acacia baileyana*. T1.** "Cootamundra Wattle." 30 ft. 15°. Probably the most handsome of all Acacias, with beautiful fernlike, silvery blue-green foliage. Completely enveloped from January to March with great sprays of lovely fragrant lemon-yellow flowers. Large spreading and fast growing, it makes a beautiful garden tree. Gal. tins, 65c; 5-gal. tins, \$1.85.

***A. longifolia*. T3. (floribunda.)** "Everblooming Acacia." 25 ft. 18°. A fast growing upright tree, making a dense round head. Long, narrow leaves, small creamy yellow flowers blooming constantly during summer. Gal. tins, 60c; 5-gal. tins, \$1.75.

## Dwarf Pearl Acacia

***Acacia podalyriatolia*. T4.** "Pearl Acacia." 15 ft. 18°. This dwarf spreading Acacia has the showiest and most spectacular flowers; immense clusters of brilliant big canary-yellow flower balls borne in profusion right through the middle of winter, from November to February, and usually in full bloom at Christmas time. Beautiful, large, velvety blue-gray foliage which makes a perfect background for the lovely fragrant flowers. Gal. tins, 75c; 5-gal. tins, \$2.00.

***Acacia elongata*. T2.** 15 ft. 15°. A beautiful small Acacia, fine for the average garden because of its small, compact, bushy shape and the great quantities of bright yellow, fragrant, bullet-shaped blooms which line every branch in March and April. Excellent for cut sprays. Gal. tins, 65c; 5-gal. tins, \$1.85.

## The Camphor Tree

***Cinnamomum camphora*. T10.** "Camphor Tree." 75 ft. 10°. The Camphor often attains great size, but not for many years, and because of its moderate growth and regular form it is often used as a parkway or garden tree. Always handsome with its dense, bright green, glossy foliage tinged with rich bronze in spring. Gal. tins, 65c; 5-gal. tins, \$1.85.

It's easy to put your order in the mail, and we'll get the plants to you by the safest and most economical method whether it be mail, express, freight or our own trucks. See pages 40 and 41 for shipping information.

## The Orchid Tree

***Bauhinia purpurea*. T5.** "Orchid Tree." 15 ft. 22°. An exceedingly showy small tree with two-lobed leaves and quantities of magnificent large flowers, deep pinkish-lavender in color with brilliant markings of purple and yellow, 3 inches or more across. It grows easily anywhere except directly on the coast, standing any amount of heat and a considerable amount of cold. It makes a good cut flower, and if you would like a whole tree full of orchids in your garden, just plant one of these beautiful Bauhinias, which will cause your neighbors to come from blocks around in May or June to admire the sight. Gal. tins, 85c; 5-gal. tins, \$2.25; balled, 5-7 ft., \$5.00.

## The Carob

***Ceratonia siliqua*. T8.** "Carob." 40 ft. 16°. Its symmetrical shape and dense, glossy, evergreen foliage, the same throughout the year, makes the Carob one of the most desirable trees for street planting or all-year home shade. It is long-lived, deep-rooted, does not become too large, and is a most satisfactory tree under all climatic conditions. Gal. tins, 65c; 5-gal. tins, \$1.85.

## Fruit and Shade, Too

**Avocado.** If you would like to have in your garden beautiful, luxuriantly foliaged, evergreen shade trees which will also provide excellent fruit, we suggest a Duke, Jaina, Leucadia or Zutano Avocado tree. See pages 21-22.

## The Lovely Cape Chestnut

***Calodendrum capense*. T6.** "Cape Chestnut." 25-40 ft. 15°. The finest native flowering tree of South Africa and just as fine here in California. Makes a medium sized rounded head of foliage which in early summer is almost solidly covered with great 6-inch panicles of unbelievably beautiful rosy-lavender blooms. See color illustration page 34. Not difficult to grow, quite hardy (partially deciduous in colder areas). Full sun, light soil, little water. Gal. tins, 85c; 5-gal. tins, \$2.25; 16-inch box, 6-7 ft., \$10.00.

## Lily of the Valley Tree

***Clethra arborea*. T11.** "Lily of the Valley Tree." 15-20 ft. 20°. This beautiful little evergreen tree from Madeira, with long, shiny 4-inch leaves, is loaded in the late summer and early fall with magnificent panicles of little, white, cup-shaped flowers which are extremely fragrant. Its handsome foliage, dainty flowers and exquisite fragrance all combine to make it one of the most valuable small flowering trees. Best where protected from dry winds and hot reflected sun. Plenty of moisture. Gal. tins, 85c; 5-gal. tins, \$2.00.

## Shade for Patios

***Ficus retusa*. T17.** "Indian Laurel." 20 ft. 25°. A compact, rounded head of thick, rubbery leaves. Grows well in locations where there is very little room for roots. Fine for small parkways, patio corners and other locations where a trim little tree is wanted. Coast or inland. Gal. tins, 85c; 5-gal. tins, \$2.50; tubbed, \$3.75.

## Evergreen Mexican Ash

***Fraxinus uhdei*. T22.** "Shamel Ash." 25-30 ft. 15°. Mr. A. D. Shamel of the U. S. Dept. of Agriculture was in Mexico several years ago and admired this splendid evergreen Ash so much that he brought back seeds for propagation in California. We like the beauty of the long, glossy, 18-inch pinnate leaves, its convenient medium size, and its clean, cool, trim appearance. The young trees have grown very rapidly here. 5-gal. tins, \$2.00; balled, 5-6 ft., \$2.25; 6-8 ft., \$3.00; 8-10 ft., \$4.00.

## Something Different

***Calamondin*. FCI.** 10-15 ft. 15°. You might never think of this fruit bearing citrus tree for ornament and shade unless we called your attention to it, and we are doing that right now. Handsome all-year foliage; tall, slender, trim shape; fragrant spring flowers; and best of all, quantities of beautiful little red-orange fruits, not only good to look at on the tree, but which make the best orange-colored limeade you ever tasted. One of the hardiest of citrus fruits. See page 3. 5-gal. tins, \$2.50; balled, tree shaped, \$3.00; extra size specimens, \$4.50.



# Broad-Leaved Evergreen Trees

## Flowering Eucalyptus

These lovely new Dwarf Eucalyptus, with colored blooms of exceptional beauty, have recently been introduced from little explored portions of Western Australia and because of their small size are adapted to small gardens. Exceedingly valuable for the unique and colorful cut flower sprays which they supply for the house. They usually bloom in late summer and fall. Keep them staked and pinch back while young to keep them bushy.

**Eucalyptus caesia. T12. "Gungurru."** 15 ft. 20°. Lovely weeping sea-green foliage and long, drooping racemes of rose-pink flowers which make the most beautiful cut sprays for the house that you have ever seen. We don't know what "Gungurru" means, but it must be Australian bush lingo for "Wow, what beautiful flowers!" Gal. tins, 90c; 5-gal. tins, \$2.00.

**E. crucis. TT2. "Southern Cross Eucalyptus."** 10 ft. 15°. At Christmas time the unique blue-gray foliage is capped with clusters of lovely blue-gray flower buds which make the most beautiful table decorations, later opening into lovely primrose-yellow flowers. Gal. tins, \$1.10; 5-gal. tins, \$2.25.

**E. erythrocorys. TT3. "Golden Flowered Eucalyptus."** 15 ft. 20°. The big, brilliant red, pointed flower caps on the flower buds are gorgeously beautiful in themselves, and when they drop off they reveal beautiful fluffy golden yellow blooms. Both flowers and buds on their red stems are present together, and combined with the lovely long bright green leaves, create a vivid picture. Gal. tins, \$1.10; 5-gal. tins, \$2.25.

**E. grossa. T17.** 4-8 ft. 20°. Very dwarf, bushy, with blue-green foliage and golden yellow flowers. It takes very little room in any garden, and you'll have something beautiful and unique. Gal. tins, 75c.

## Lemon-Scented Gum

**Eucalyptus citriodora. T14. "Lemon-Scented Gum."** 40-80 ft. 20°. A picturesque tree which sends a slender, straight white trunk towering high in the air, with a graceful crown of foliage at the top. Grows rapidly. The long, slender leaves are pungently lemon-scented. Gal. tins, 75c; 5-gal. tins, \$2.00.

The Cape Chestnut is a glorious sight in June. Examine this photograph closely and you'll see that the tree is literally covered with the beautiful 6-inch pink flower clusters shown below. See color illustration on page 34.

## Scarlet Eucalyptus

**Eucalyptus ficifolia. TT4. "Scarlet Flowering Eucalyptus."** 20-25 ft. 20°. One of the most glorious sights in California is one of these trees in full bloom, with its great clusters of brilliant scarlet flowers set in a background of large, dark, glossy leaves. It is a rather dwarf tree and does not take much room, thriving best near the coast. Needs plenty of water. Gal. tins, 75c; 5-gal. tins, \$2.00.

## The Best Windbreak

**Eucalyptus globulus. T15. "Blue Gum."** 150 ft. 18°. One of the fastest growing trees in the world and the most widely planted in California. Much used for windbreaks and fuel; thrives anywhere except in very cold sections or in the desert. The young growth has a beautiful blue color. Flats of 100 small plants, \$3.00, \$27.50 per 1,000; gal. tins, 50c.

**E. globulus compacta. T16. "Bushy Blue Gum."** 20-30 ft. 18°. A variety of the Blue Gum which has no main trunk but is very bushy and densely branched, forming a symmetrical, round, compact head. A very small percentage of the plants from flats may be the regular Blue Gum. We consider this one of our best plants for a quick growing screen. Flats of 100 small plants, \$3.75; gal. tins, 60c.

**E. polyanthemos. T18.** 40-75 ft. 14°. Medium-sized, spreading tree, with round leaves, thriving anywhere in California or Arizona, being resistant to extreme frosts, heat or drouth. Flats of 100 small plants, \$3.50; gal. tins, 60c; 5-gal. tins, \$2.00.

**E. camaldulensis. T13. (rostata). "Red Gum."** 80-120 ft. 12°. A rapid grower that endures much heat, severe frost and considerable drouth. Widely planted for windbreak and shade in California and Arizona. Flats of 100 small plants, \$3.50; gal. tins, 60c; 5-gal. tins, \$1.85.

**E. rudis. T19. "Desert Gum."** 75 to 100 ft. 14°. Valuable for windbreaks in hot desert valleys. A vigorous, rapid-growing, erect tree with round leaves when young, lance-shaped when older. Flats of 100 small plants, \$3.50.



*Eucalyptus citriodora* has a slender, graceful, white trunk, and its leaves are pungently lemon-scented.

## White Gum

**Eucalyptus viminalis. T21. "White Gum."** 125 ft. 10°. One of the most beautiful of the Eucalypti, with a smooth white trunk, shedding its bark in long ribbons. A wide-spreading picturesque crown, long pendulous branchlets and narrow lance-shaped leaves. Almost as fast-growing as the Blue Gum and much hardier, thriving from the seacoast to the hottest desert. Flats of 100 small plants, \$3.50; gal. tins, 60c; 5-gal. tins, \$1.75.

**E. sideroxylon rosea. T20.** 20-40 ft. 15°. A tall, slender tree of moderate size, with masses of delicate pink flowers contrasted with the slender silvery-gray leaves. A more uniform grower than the Scarlet Eucalyptus and much hardier, thriving in almost any climate. Gal. tins, 65c; 5-gal. tins, \$1.85.

## Grevillea

**Grevillea robusta. T23. "Silk Oak."** 75 ft. 15°. A tall, slender tree, with fern-like leaves; covered in early summer with comb-like golden yellow flowers 6 inches long. Drouth and heat resistant. Gal. tins, 60c; 5-gal. tins, \$1.85.

## Handsome Harpullia

**Harpullia arborea. TT8.** 40-50 ft. 24°. If you want a tree that is just about as handsome the year around as any tree that we can possibly grow in California and which has the added advantage of being quite rare and unusual, we heartily recommend this beautiful tree from the South Sea Islands. The foliage is large, luxuriant and a bright glossy green in color, and it grows into a dense round-topped tree of the most magnificent proportions. The flowers are inconspicuous, but in the late fall, just in time for Christmas, the great brilliant red seedpods cover the tree, making it look like the most beautiful Christmas tree that you ever saw, and they hang on most of the winter. Hardy any place in the coastal or milder foothill sections. Gal. tins, \$1.00; 5-gal. tins, \$2.50.

We like to recommend shade trees that bear fruit. The White Sapote makes a fine medium sized shade tree with big, handsome leaves, and you'll get all kinds of big, green, deliciously flavored fruits from it. It grows and bears easily anywhere where an orange tree thrives. See page 7.



# Evergreen Trees (Continued)



The stately California Live Oak is our most beautiful native tree and grows rapidly into a handsome specimen.

## California Live Oaks

*Quercus agrifolia*. T29. "California Live Oak." 50 ft. 10°. The most picturesque and beautiful native tree that graces the landscape of California is this handsome evergreen Live Oak. Its dark glossy green, medium sized leaves form a dense handsome head, and the tree is fast growing and does well almost everywhere except in the extreme desert sections. We can enthusiastically recommend it for planting on home grounds, for parkways and any other location where a good sized, fast growing, long-lived, evergreen shade tree is wanted. Gal. tins, 75c; 5-gal. tins, \$2.25; balled, 6-8 ft., \$4.50.

## California Laurel

*Umbellularia californica*. T37. "California Laurel or Bay" "Oregon Myrtle." 40-60 ft. 10°. One of the finest of native Pacific Coast trees, with a compact, round-topped crown of dense, dark green foliage. The leaves, pungently fragrant when crushed, can be dried and used for flavoring in the kitchen. Grows slowly but easily anywhere with little care. Gal. tins 85c 5-gal tins \$2.25.

## Pepper Tree

*Schinus molle*. T30. "California Pepper." 50 ft. 18°. This unique and beautiful tree has become so identified with California that it stands as a symbol of the Golden State. Grows anywhere with little care. Its handsome foliage and red berries, which stay on through the winter, and the gnarled, rugged trunk, make it a picturesque tree. Because it thrives so easily and shades a great space of ground under conditions unsuited to many more pampered trees, it will always be valuable for California. Gal. tins, 50c; 5-gal. tins, \$1.75.

*S. terebinthifolia*. T31. "Brazil Pepper." 15-30 ft. 22°. A much smaller tree than the above, having larger, broader leaves and greater quantities of brilliant scarlet berries. Does remarkably well under the hottest desert conditions, and also a splendid tree on the seacoast. Gal. tins, 75c; 5-gal. tins, \$2.00.

## Firewheel Tree

*Stenocarpus cunninghami*. T33. "Firewheel Tree of New South Wales." 20-40 ft. 20°. This is such a spectacular tree with its large, shining, 8 to 12 inch maple-like leaves, and it explodes so colorfully into great masses of crimson flowers, shaped like the spokes of a wheel, that we have grown some for trial here in California. A great big Fourth of July celebration in the shape of a tree. Gal. tins, \$1.00.

## Hymenosporum

*Hymenosporum flavum*. T24. "Sweet-shade." 25 ft. 20°. This tall, slender, small tree has the most sweetly fragrant flowers of any evergreen tree that you can grow in your California garden. It has handsome foliage all the year, and in spring and early summer produces masses of long, tubular, creamy yellow blossoms, many times the size and with many times the fragrance of orange blossoms—believe it or not! Grows anywhere except in desert sections. Gal. tins, 75c; 5-gal. tins, \$2.00; tubbed, \$3.00; 16-inch box, \$10.00.

## Jacaranda

*Jacaranda acutifolia*. T25. 30 ft. 22°. One of the handsomest flowering trees grown in Southern California. Forms a round, symmetrical head of light green, fern-like foliage, and in June the entire tree is a mass of light violet-blue tubular flowers. Gal. tins, 65c; 5-gal. tins, \$1.85; balled, 8-10 ft., \$7.50; 16-inch box, \$10.00.

## Shade—And Nuts

*Macadamia ternifolia*. FS26. "Austrian Nut Tree." 20-30 ft. 26°. Just because this beautiful evergreen subtropical tree bears some of the most delicious nuts in existence, there is no reason why we should not recommend it for shade as well, and we do heartily. See page 8. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

## Parkinsonia

*Parkinsonia aculeata*. T28. 15 ft. 18°. This beautiful native of the Colorado Desert thrives in dry soils almost anywhere in the Southwest. During the early summer it is a great mass of small bright yellow flowers, a striking contrast to the smooth, bright green bark of the trunk and leaflet. Gal. tins, 65c; 5-gal. tins, \$1.85.

## A Flowering Oak

*Tricuspidaria dependens*. T35. (*Cri-nodendron dependens*.) "White Lily-tree." 25 ft. 15°. A small flowering tree from the canyons of the Andes in Chile which at first glance looks like one of our California Live Oaks, but no Oak ever produces the quantities of little white, bell-shaped flowers which this tree displays in great drooping clusters throughout the spring and early summer. Easily grown but likes plenty of water. A good tree for planting in the lawn—a location which many trees dislike. Does well anywhere except in extreme desert sections. Gal. tins, 85c; 5-gal. tins, \$2.25.

## The Evergreen Elm

*Ulmus parvifolia* Evergreen (*sempervirens*). T36. "Evergreen Elm." 25 ft. Zero. A small tree with a spreading crown of slender drooping branches and bright green leaves. For a small home shade tree we highly recommend it. Next to the Carob, the Evergreen Elm is probably the most popular evergreen street and garden tree planted in Southern California at the present time. Drops its leaves for short time in cold sections. Many inferior seedlings of *Ulmus parvifolia* are often sold as Evergreen Elm. The Armstrong type is carefully selected for its evergreen habit, beautiful foliage and handsome shape, and they are grown from cuttings to insure that every tree is the same. Gal. tins, 85c; 5-gal. tins, \$2.25; balled, 6-8 ft., \$6.00; 8-10 ft., 3/4-1 in. caliper, \$8.50; 8-10 ft., 2-3 in. caliper, \$12.50.

## Southern Magnolia

*Magnolia grandiflora*. T27. "Southern Magnolia." 60 ft. 5°. 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. Although a tree of comparatively slow growth, eventually it makes one of the largest and noblest specimens. Should have a considerable amount of water when young. Gal. tins, 65c; 5-gal. tins, \$2.00; balled, 3-4 ft., \$2.00.

## Dwarf Magnolia

*Magnolia grandiflora exoniensis*. T26. "Dwarf Magnolia." 15-20 ft. 5°. To those who want a Magnolia for a small yard we highly recommend this variety. It is a variety of the Southern Magnolia above, but much more dwarf and slower growing, blooming when very young. 5-gal. tins, \$3.00; balled, 4-5 ft., \$4.50; 5-6 ft., \$6.00; 6-7 ft., \$7.50.

## Flame Tree

*Sterculia acerifolia*. TT9. (*Brachychiton acerifolius*.) "Flame Tree." 30-50 ft. 18°. This unique tree, with large, shining, maple-like leaves, is covered in the early summer with many cup-shaped blooms of rich red on scarlet stems. In the southern coastal counties is one of the showiest flowering trees that can be planted, a solid mass of dazzling color, even more vivid than the Scarlet Flowering Eucalyptus. Blooms in June. Boxed specimens. Gal. tins, 85c; 5-gal. tins, \$2.00; 16-inch box, \$12.50.

*Sterculia diversifolia*. T34. (*Brachychiton populneus*.) "Bottle Tree." 25 ft. 15°. Excellent for narrow parkways and dry soils because of its small, narrow pyramidal shape and deep-rooted habit. Excellent for the desert. Gal. tins, 75c; 5-gal. tins, \$2.00.

The handsome Evergreen Elm



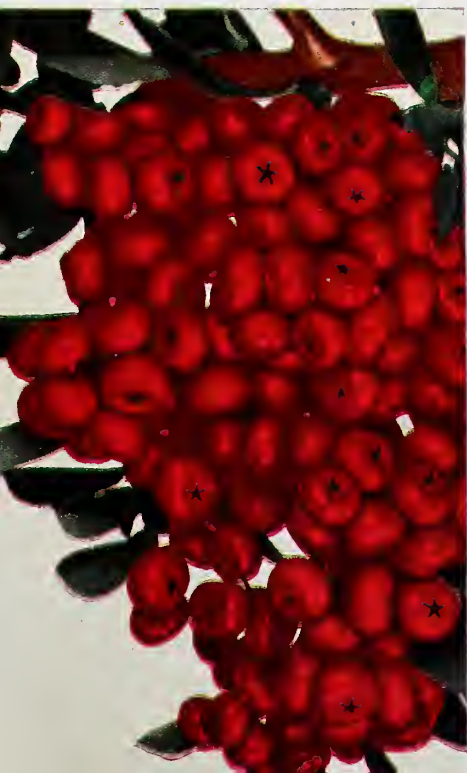


The new Carnation-Flowered Dwarf Pomegranate. Beautiful red fruits, too.



Above, the dainty winter flowers of Australian Fuchsia.

Berries of Graber's Firethorn, shown here two-thirds Natural Size. Biggest and reddest of all.



A flower cluster of Cape Chestnut (shown above much reduced) is a big double handful of beauty.

### The Lovely Cape Chestnut

*Calodendron capense*. T6. "Cape Chestnut." 25-40 ft. 15°. The finest flowering tree of South Africa makes a magnificent medium sized, rounded specimen in California, solidly covered in early summer with great 6-inch panicles of unbelievably beautiful, rosy lavender blooms. Easy to grow. Leafless in winter in colder areas. Gal. tins, 85c; 5-gal. tins, \$2.35.

### New Dwarf Pomegranate

*Punica granatum Dwarf*. S198. "Carnation-Flowered Dwarf Pomegranate." 3-4 ft. 10°. Quantities of brilliant scarlet carnations, borne on bushes; that's what you'll get on this improved new dwarf Pomegranate, with its fresh bronzy-green summer foliage, bright colored flowers and small crimson fruits borne in fall and winter. Grows on coast or desert equally well, partially deciduous in cold climates. Full sun. Gal. tins, 75c; 5-gal. tins, \$2.25.

### Cutleaf Persian Lilac

*Syringa persica laciniata*. DS21. "Cutleaf Persian Lilac." 5-6 ft. Below zero. The finest Lilac for Southern California because it likes our climate. Great masses of bright lavender flowers on long, arching branches in spring, and, of course, they're sweetly fragrant. Dainty, fern-like foliage in summer. It grows in any climate, hot or cold. Gal. tins, 65c; 5-gal. tins, \$2.00.

### Australian Fuchsia

*Correa pulchella*. S61. 22°. One of the finest foreground shrubs for California gardens, making a dense mass of foliage, to 4 feet across, but only about 18 inches high. The little, pink, bell-shaped flowers are borne in the winter from November to April. Sun or shade. Gal. tins, 85c; 5-gal. tins, \$2.00.

### Biggest Reddest Berries

*Pyracantha crenata-serrata* Graber. S200. "Graber's Firethorn." 6-8 ft. 5°. Of all the varieties of this popular berried shrub this kind is the most brilliantly colored and has the most berries, and the birds do not seem to like them. A vigorous grower, with large glossy foliage. The enormous crimson berries look like little crab apples, borne in clusters as big as your two fists, and are at their best at Christmas for decorations. Gal. tins, 90c; 5-gal. tins, \$2.50.

### Geraldton Wax Flower

*Chamaelaucium ciliatum*. "Geraldton Wax Flower." 6 ft. 22°. The most successful new shrub introduced into Southern California in the past ten years, a special Armstrong Strain of it. The graceful open bush, with its attractive, needle-like foliage, is covered all through the winter season from January to April with sprays of lovely little waxy blooms in various shades of pink and lavender, each flower with a little maroon cup. One of the finest of cut flowers, the sprays keeping for days in the house, and very easy to arrange. Shown at the right is the beautiful Cameo Rose (S43). See other kinds listed on page 48. Gal. tins, \$1.25; 5-gal. tins, \$2.75.



The finest Lilac for Southern California is the Cutleaf Persian. A mass of delightfully scented lavender blooms in spring.



All winter long you can cut big sprays of these lovely little waxy flowers from the Geraldton Wax Flower (*Chamaelaucium*). Shown here is Cameo Rose. See others on page 48.



Burford Holly. Two-thirds Natural Size.



Bauhinia galpini is covered with flowers like this all summer.



The gorgeous flower of Trinidad Flame Bush.

### Always Big Red Berries

*Ilex cornuta burfordi*. S135. "Burford Holly." 8-12 ft. Zero. One thing you want to be sure of when you plant a Holly is that you are going to have plenty of red berries at Christmas time because a Holly is not a Holly without them. You are certain to get plenty with this fine variety which likes our warm Southern California climate (it likes almost any climate). You'll not only get plenty of berries but you get the biggest and reddest, all borne against big, deep green foliage, so glossy that it looks as though it had been varnished. The berries hold on the plant almost seven months. Gets to its ultimate height slowly. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 3-4 ft., \$5.00.

### A Startling Flower

*Bauhinia galpini*. S11. "Red Bauhinia." 5-8 ft. 22°. Take a showy red orchid, cross it with the most beautiful big scarlet nasturtium you ever saw, and you can imagine what a magnificent flower you would get. No matter how much you let your imagination run riot, you'll not exaggerate the startling and vivid beauty of this rare Bauhinia. It's unique in the way it grows too because it's a perfect plant to lean up against a wall or to train up a pillar to arch out up above. It blooms from early spring to late fall, profusely. Likes sun or part-shade. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

### Trinidad Flame Bush

*Calliandra guildingii*. S23. "Trinidad Flame Bush." 6-8 ft. 15°. The large heads of vivid scarlet stamens. 3 inches long, which cover the plant like a sheet of fire in spring and summer, make this a vivid and colorful plant. Its feathery, fern-like foliage is handsome the year around. Full sun. Plenty of moisture. Gal. tins, 85c; 5-gal. tins, \$2.25.

### See the Birdies

*Crotalaria agatiflora*. ST4. "Canary Bird Flower." 6-10 ft. 25°. When this East African plant blooms in your garden it will be the most spectacular object there. It has luxuriant, tropical appearing leaves and racemes of large, 3-inch, green and gold flowers in sprays as much as 3 feet long. The boughs look as though they were full of gorgeous canary birds, and cut, make splendid table decorations. Sun. Plenty moisture. Gal. tins, \$1.25; 5-gal. tins, \$2.75.

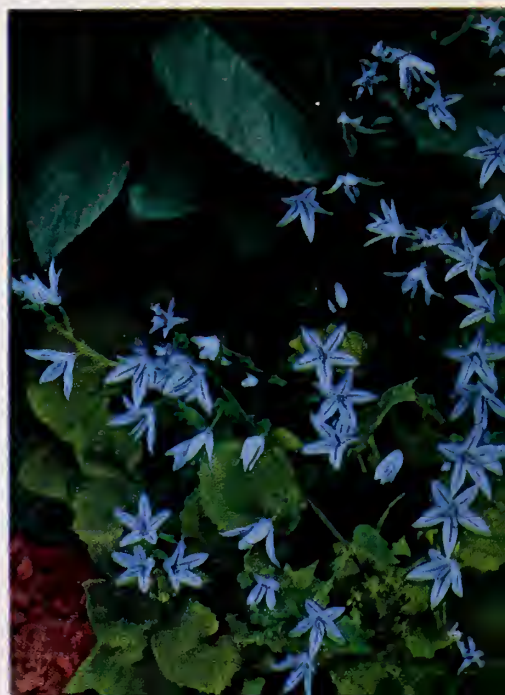
### Serbian Bellflower

*Campanula poscharskyana*. P11. 10°. For bordering a lawn or to place in front of larger shrubs, we know of no finer small plant than this beauty from Jugo-Slavia. A beautiful clump of evergreen violet-like foliage, 4 to 6 inches high and 12 to 18 inches across. For many weeks in early summer hundreds of little, starry, bell-shaped lavender-blue flowers, about 1¼ inches across, look up at you. Grows easily in any soil. Shade or semi-shade. Gal. tins, 60c.



Puzzle: Look at the picture on the left and see how many cute little canary birds you can find. *Crotalaria agatiflora* is full of these beautiful green and gold birds all summer, and you can carry them right into the house if you like.

The Serbian Bellflower looks like a luxuriant clump of violets most of the year, but in the spring it becomes a cheery mass of beautiful little blue flowers which last for at least two months. Easy to grow anywhere.



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# What? Where? How?

That's what wise people ask themselves before they start digging and planting. Beautiful, private outdoor living rooms must be planned just as convenient houses are always carefully planned by someone before a nail is driven.



"I've got lots of room for plenty of something, but where to put those beautiful plants I have been reading about?—Those ornamental and tasty fruits would be nice, too."

**Planting Instructions.** With each order we send a printed copy of Armstrong's Planting Instructions. They are prepared on the basis of our many years experience in Southern California. We have made them simple and easy to follow because the job of planting correctly is not difficult provided detailed instructions are available. The information below will be of information to you if you are planting fruit trees or berry vines.

**What to Plant?** The answer is, plant those shrubs and trees that will give you what you want. Some make excellent live walls for privacy. You pick delicious tree-ripe fruit from others. Maybe you need some view framers or some screens to hide nearby ugliness. You are certain to need some particular kind of shade tree. Some plants bring into your garden the exotic beauty of far places. Still others make the garden bright with color and also provide gorgeous sprays for indoor bouquets; many can bring sweet perfume into your garden. When you plant your garden, put into it that which you will enjoy for many years.

**Where to Plant?** Some plants grow tall and slim like soldiers, others spread out like mother hens protecting young chicks. Some should go where the hose reaches easily, others need to be kept on the dry side. Many plants look well in certain company and yet may be completely out of place when planted with others. Some colors blend when placed together, while others fight a continual duel at your nerves' expense. All plants should be selected and placed to do their best for you.

**How to Go About It?** It is easy to be a landscape man these days on the basis of an ability to splash water, mow lawns or to draw pretty pictures. Creative plantmen are harder to find. Plants to them are building material. They know what uses plants can be put to, what places they will fill with distinction, how to treat them so they will do well and look well for years. At Armstrongs the men who help you make your selections have several advantages over most so-called "landscape architects." Armstrongs grow such a wide selection of plant material (over 800 tested ornamental varieties and over 250 fruiting varieties) that they always have just the right plant to fill a need. They also are in a position to offer their valuable planning help on an astonishingly attractive basis as salaried nursery employees and no commissions are involved.

You incur no obligation when you ask our garden planning assistance at either of our Salesyards. Bring your blueprints and come to either our Ontario or our North Hollywood Salesyards. We will be able to answer your questions and give you detailed information and suggestions. Using the blueprints or a rough sketch you have prepared which is approximately to scale, we can show you the exact location for each plant.

## Protect Your Trees

**Yucca or Paper Tree Protectors.** All young deciduous fruit trees and deciduous shade trees should be protected for the first season at least by the use of Tree Protectors or Tree White in order to prevent sunburn which may lead to serious injury from borers. Tree protectors also offer the finest protection from rabbits and squirrels which may gnaw the bark of trees. Easily attached. Use 30-inch for Walnuts and Pecans; 24-inch for Peaches, Apples, Apricots and most deciduous trees; 18-inch for Citrus, Avocados and Figs.

	Each	Per 100	Per 1000
30-inch.....	\$0.05	\$3.00	\$25.00
24-inch.....	.05	2.75	20.00
18-inch.....	.05	2.50	17.50

**Tree White.** The very finest material for making a preparation to paint tree trunks to prevent sunburn. Simply mix the powder with water to the desired consistency. 5-lb. package, 80c; 1-lb. package, 30c.

## Planting Distances

Variety	Ft. Apart
Oranges, Lemons .....	18 to 25
Avocados .....	25 to 35
Peaches, Apricots .....	20 to 25
Pears, Apples, Figs.....	20 to 35
Walnuts and Pecans.....	40 to 60
Olives .....	30 to 35
Jujubes, Low-Pruned Figs.....	12 to 16
Grape Vines .....	6 to 8
Blackberries, Boysenberries..	6 by 8
Raspberries .....	3 by 5
Strawberries .....	1½ by 3
Eucalyptus for Windbreak....	4 to 8

## Number Plants to An Acre

Distance Apart	No. Plants
8 feet by 8 feet.....	680
8 feet by 10 feet.....	545
16 feet by 16 feet.....	170
18 feet by 18 feet.....	134
20 feet by 20 feet.....	108
22 feet by 22 feet.....	90
25 feet by 25 feet.....	69
40 feet by 40 feet.....	27
50 feet by 50 feet.....	17

# A Guide to Successful Planting

## Plants for Arizona

Here is a list of shrubs, trees and vines suited to Arizona and the dry desert sections of California. If you are in the northern part of this area or at a high altitude, check minimum temperatures given in each description. Page numbers given below.

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Arctotis (23)  
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Australian Fuchsia (34, 48)  
Beautybush (25)  
Big Yellow Spanish Broom (57)  
Blue Chaste Tree (26)  
Blue Morocco Creeper (39)  
Bottle Brush (47)

Brazilian Sour Orange (5)  
Bridal Veil Broom (51)  
Bridal Wreaths (26)  
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# Planting Guide (Continued) What and Where to Plant

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 Bechtel's Double Flow. Crab (28)  
 Bouvardias (46)  
 Brazilian Sour Orange (3)  
 Bridal Veil Broom (51)  
 Buddleias (46)  
 Calamondin (3, 31)  
 Carolina Jessamine (61)  
 Ceanothus (47)  
 Cassias (47)  
 Chilean Jasmine (62)  
 Chinese Dwarf Lemon (4, 5)  
 Climbing Syringa (55, 62)  
 Daphnes (49)  
 Daylilies (24)  
 Deciduous Magnolia (26)  
 Escallonias (51)  
 Evergreen Pear (56)  
 Fragrant Corsage Vine (62)  
 Gardenias (51, 52)  
 Gingerlilies (52)  
 Glorybower (49)  
 Heliotropes (23)  
 Honey Coronilla (49)  
 Honeysuckles (60, 61, 62)  
 Lemon Verbena (54)  
 Lilacs (26, 34)  
 Lilac-Scented Viburnum (26)  
 Natal Plum (6, 47)  
 Mexican Orange (47)  
 Nepal Privet (54)  
 Night Blooming Jessamine (47)  
 Orange Jessamine (55)  
 Osmanthus (55, 56)  
 Passion Fruit (7, 62)  
 Pink Fleshed Lemon (4, 5)  
 Pittosporums (55, 56)  
 Royal Trumpet Vine (61)  
 Roses—many varieties (63-76)  
 Silver Lace Vine (62)  
 Spanish Jasmine (61)  
 Star Jasmine (62)  
 Vanilla Scented Trumpet Vine (61)  
 Violets (24)  
 Wintersweet (25)  
 Wisterias (62)  
 Yesterday, Today, Tomorrow (46)  
 Viburnums (26, 58, 59)

## Fragrant Trees

Acacias (31)  
 Flowering Apricot (28)  
 Flowering Crab Apples (28)  
 Hymenoporum (33)  
 Magnolias (26, 33)

## Plants for Shady Places

Abielias (45)  
 African Boxwood (55)  
 Agapanthus, Blue African (23)  
 Australian Bluebell Creeper (57)  
 Australian Fuchsia (34, 48)  
 Azaleas (42)  
 Barberrry (46)  
 Bergenia cordifolia (23)  
 Bird of Paradise (58)  
 Blue Carpet (39)  
 Blueberry Climber (60)  
 Boston Ivy (62)  
 Boxleaf Azara (45)  
 Boxwood (46, 55)  
 Callas (24)  
 Cape Honeysuckle (58, 62)  
 Catalina Currant (57)  
 Chinese Giant Snowball (58)  
 Chinese Plumbago (47)  
 Creeping Fig (61)  
 Daphnes (49)  
 Dianella (23)  
 Dwarf Blue Ceratostigma (23)  
 English Laurel (56)  
 Eranthemum (51)  
 Escallonia (51)  
 Eugenias (6, 51)  
 Evergreen Pear (56)  
 Fern Pine (30)  
 Ferns (59)  
 Fragrant Carpentaria (46)  
 Fragrant Corsage Plant (62)  
 Fuchsias (51)  
 Gardenias (51, 52)  
 Giant Glossy Ivy Bush (51)  
 Ginger Lily (52)  
 Glossy Leaved Creeper (60)  
 Gold Dust Plant (45)  
 Graber's Firethorn (34, 56)  
 Grand Duke Jasmine (54)  
 Ground Orchid (42, 50)  
 Hemerocallis (23, 24)  
 Holly (35, 53)  
 Holly Malpighia (54)  
 Hollyleaf Sweetspire (52)  
 Hydrangea (25, 52)  
 Hypericum (53)  
 Iris Moraea (24)  
 Ivy (39, 61, 62)  
 Japanese Anemone (23)  
 Junipers (29)  
 Lilac (26, 34)  
 Lilyturf (59)  
 Maidenhair Fern (59)  
 Mexican Orange (47)  
 Myrtle (55)  
 Nandina (55)  
 Natal Plum (6, 47)  
 Necklace Cotonaster (49)  
 Night Blooming Jessamine (47)  
 Orange Jessamine (55)  
 Oregon Grape (54)  
 Osmanthus (55, 56)  
 Photinia (55, 56)  
 Pink Indian Hawthorn (56)  
 Pittosporum (55, 56)  
 Plumbago (55)  
 Princess Flower (58)  
 Privet (54)  
 Red-Leaved Maple (27)  
 Reinwardtia indica (24)  
 Rondeletia (Back Cover)  
 Rosy Glorybower (49)  
 Serbian Bellflower (23)  
 Shrimp Plant (46)  
 Skyflower (62)  
 Star Jasmine (62)  
 Star Magnolia (26)  
 Strawberry Tree (45)  
 Syringa (26, 34, 55)  
 Terrestrial Orchid (50)  
 Trollius Golden Wave (back cover)  
 Trumpet Vine (61, 62)  
 Tulbaghia (24)  
 Viburnum (26, 58, 59)  
 Violets (24)  
 Weigela (26)  
 White Breath of Heaven (48)  
 Wintersweet (25)  
 Wood Strawberry (39)  
 Xylosma (59)  
 Yellow Cypella (23)  
 Yesterday, Today, Tomorrow (46)  
 Yew (30)

## Seashore Plants

Australian Bluebell Creeper (57)  
 Bougainvilleas (60)  
 Brazil Skyflower (50)  
 Cape Honeysuckle (62)  
 Climbing Peruvian Lily (60)  
 Cup of Gold (62)  
 Distictus (61)  
 Escallonias (51)  
 Eugenias (6, 51)  
 Flame Vine (62)  
 Fragrant Corsage Plant (62)  
 Fuchsias (51)  
 Gazanias (39)  
 Geraniums (24)  
 Hibiscus (53)  
 Ice Plants (39)  
 Lantana (39, 53)  
 Lippia (39)  
 Myrtle (55)  
 Natal Plum (6, 47)  
 Night Blooming Jessamine (47)  
 Oleanders (55)  
 Orange Clock Vine (58, 62)  
 Pittosporum (56)  
 Plumbago (55)  
 Pride of Madeira (23)  
 Privets (54)  
 Red Lantern Plant (54)  
 Rockrose (48)  
 Rosemary (56)  
 Scarlet Bottle Brush (47)  
 Shore Juniper (29)  
 Silverberry (50)  
 Sky Flower (62)  
 Sun Roses (52)  
 Tea Trees (54)  
 Trumpet Vines (61)

## Winter Flowering

Azaleas (42)  
 Australian Fuchsias (34, 48)  
 Bearberry (45)  
 Bird of Paradise (58)  
 Blue and Gold Daisy (23)  
 Blue Winter Eranthemum (51)  
 Bougainvilleas (60)  
 Bouvardias (46)  
 Breath of Heaven (48)  
 California Strawberry (39)  
 Cape Honeysuckle (58, 62)  
 Cape Plumbago (55)  
 Catalina Currant (57)  
 Chinese Hat Plant (52)  
 Coral Bells (23)  
 Cymbidiums (50)  
 Daphnes (49)  
 Dwarf Roses (66)  
 Everblooming Daisy (23)  
 Feathery Cassia (47)  
 Flame Pea (47)  
 Flame Vine (62)  
 Flowering Crab Apple (28)  
 Flowering Quince (25)  
 Geraldton Wax Flower (48)  
 Geraniums (24)  
 Gilded Fairyvine (61)  
 Golden Wonder (47)  
 Ground Orchid (42, 50)  
 Hardenbergia (61)  
 Hardy Yellow Trumpet (58)  
 Heather (50)  
 Hibiscus (53)  
 Hollyleaf Sweetspire (52)  
 Honey Coronilla (49)  
 Korean Spice Viburnum (26)  
 Lantanas (39, 53)  
 Magnolias (26, 33)  
 Mexican Mallow (57)  
 Oleanders (55)  
 Orange Clockvine (58, 62)  
 Osmanthus (55, 56)  
 Pelargoniums (24)  
 Poinsettias (51)  
 Princess Flower (58)  
 Red Flowering Maple (45)  
 Red Lantern Plant (54)  
 Red Winter Creeper (39, 51)  
 Reinwardtia (24)  
 Royal Trumpet (61)  
 Salvia (57)  
 San Clemente Snapdragon (51)  
 Shrimp Plant (46)  
 Skyflower (62)  
 South African Daisy Bush (50)  
 Star Magnolia (26)  
 Streptosolen (58)  
 Tea Trees (54)  
 Thryallis (57, 58)  
 Trailing Lantana (39, 53)  
 Trumpet Vine (61, 62)  
 Weigela (26)  
 Wintersweet (25)  
 Yesterday, Today, Tomorrow (46)

## For the Mountains and Colder Areas

(Minimum temperatures given in descriptions)

Abielias (45)  
 Arborvitae (30)  
 Babywhite Calla (24)  
 Barberries (46)  
 Bearberry (45)  
 Beautybush (25)  
 Blueberry Climber (60)  
 Blue Carpet (39)  
 Blue Chaste (26)  
 Blue Lawson Cypress (29)  
 Blue Star Hydrangea (25)  
 Boston Ivy (62)  
 Bridal Wreath (26)  
 Buckthorn (57)  
 California Holly (55)  
 Ceanothus (47)  
 Chinese Gooseberry (60)  
 Chinese Photinias (55, 56)  
 Chinese Plumbagos (47)  
 Clematis (61)  
 Coffeeberry (57)  
 Coral Bells (23)  
 Cotonasters (49)  
 Day Lilies (24)  
 Dwarf Blue Ceratostigma (23)  
 Dwarf Roses (66)  
 Evergreen Pear (56)  
 Ferns (59)  
 Flowering Crab Apple (28)  
 Flowering Quince (25)  
 Golden Giant Honeysuckle (61)  
 Hall's Honeysuckle (61)  
 Hollies (35, 53)  
 Holly Leaf Cherry (56)  
 Hydrangeas (25, 52)  
 Hypericums (53)  
 Italian Cypress (29)  
 Japanese Anemone (23)  
 Junipers (29)  
 Kniphofia (23)  
 Korean Boxwood (46)  
 Kudzu Vine (62)  
 Lemonade Berry (57)  
 Lilacs (26, 34, 47)  
 Lilyturf (59)  
 Manchu Cherry (26)  
 Old Fashioned Lavender (54)  
 Orange-red Trumpet Creeper (60)  
 Oregon Grape (54)  
 Perennial Sunflower (23)  
 Phlox (24)  
 Privets (54)  
 Pyracanthas (34, 56)  
 Red Winter Creeper (39, 51)  
 Roses, Climbing (63, 64)  
 Serbian Bell Flower (23, 35)  
 Shasta Daisy (24)  
 Silver Lace Vine (62)  
 Purple Spot Mock Orange (26)  
 Star Magnolia (26)  
 Strawberries, Ground Cover (39)  
 Strawberry Madrone (45)  
 Sugar Bush (57)  
 Tea's Weeping Mulberry (27)  
 Viburnums (26)  
 Weigelas (26)  
 Western Redbud (55)  
 Wisterias (62)  
 Wintersweet (25)

## Fruiting Ornamentals

Avocados (21-22)  
 Calamondin (3)  
 Cherimoya (7)  
 Pelargoniums (24)  
 Chestnuts (12)  
 Fruit Espaliers (11-20)  
 Glossy Leaved Creeper (60)  
 Gloryvine Grape (62)  
 Kumquat (5)  
 Loquat (6)  
 Manchu Bush Cherry (26)  
 Meyer Lemon (4)  
 Mulberries (27)  
 Myrtle-Leaved Orange (5)  
 Natal Plum (6)  
 Olives (7)  
 Passion Fruit (7)  
 Pineapple Guava (8)  
 Pomegranate (13)  
 Queensland Nut (8)  
 Rose-Apple (6)  
 Strawberry Guava (8)  
 Surinam Cherry (6)

# Armstrong Grass Seed & Ground Covers

When you purchase Armstrong Grass Seed, you are making the very best kind of a start toward a perfect lawn. Armstrong Grass Seed is the very best that can be obtained, in keeping with the Armstrong policy of offering our customers nothing but the finest in quality. Grass seed can be purchased in many different grades which vary in percentage of germination, freedom from weed seed and other factors. Some grasses are better than others for certain locations, and if you are in doubt regarding the best grass to use for a certain location, write us and we will be glad to advise. Prices quoted below are subject to change without notice. Write for prices on larger quantities.

## Armstrong Lawn Seed

Armstrong's "Sunny Lawn" Mixture. GS2. The very finest lawn mixture for most lawns which receive plenty of sunshine. Composed largely of Blue Grass and Clover with several other species which help to make up a perfect lawn. One pound plants 200 square feet (20 by 10 feet). \$1.00 per lb.; 3 lbs. for \$2.70; 10 lbs. for \$8.50.

Armstrong "Shady Lawn" Mixture. GS1. A special mixture of various grasses which are particularly adaptable for places largely shaded. This mixture will provide luxuriant green lawn under trees or similar locations where growing a good lawn is sometimes difficult. One pound covers 150 square feet. \$1.15 per lb.; 3 lbs. for \$3.00; 10 lbs. for \$9.30.

Kentucky Blue Grass. GS4. The basis for most of the finest California lawns is Blue Grass. Although there are a number of grades of Blue Grass commonly sold, we carry only the best. One pound covers 150 square feet. 70c per lb.; 3 lbs. for \$1.80; 10 lbs. for \$5.60.

White Clover. GS9. Particularly fine for winter sowing in Bermuda Grass. It gives quick results and will make a brilliant green lawn by itself. However, it is more often combined with Blue Grass. One pound covers 200 square feet. \$1.90 per lb.; 3 lbs. for \$5.00; 10 lbs. for \$15.50.

Red Top. GS6. Useful for a quick durable turf. 45c per lb.; 3 lbs. for \$1.15; 10 lbs. for \$3.60.

## Perfect Lawn Grass

Seaside Bent. GS7. The most luxuriant, velvety green lawns in California are of Seaside Bent. The gardener who takes a real pride in his lawn will be rewarded for the extra care, watering and mowing that it requires. Does particularly well in partial shade. One pound covers 300 square feet. \$1.50 per lb.; 3 lbs. for \$4.00; 10 lbs. for \$12.50.

Bermuda Grass. GS3. Grows readily in hot dry places where it is difficult to establish other grasses. One pound covers 200 square feet. \$1.60 per lb.; 3 lbs. for \$4.80; 10 lbs. for \$13.50.

Western Perennial Rye. GS8. A good hardy lawn for hot dry climates and exceptionally good for intersewing with and freshening up Bermuda lawns in the wintertime. It does well in shady places, grows rapidly and will make a splendid lawn in a short time. One pound covers 100 square feet. 50c per lb.; 3 lbs. for \$1.35; 10 lbs. for \$4.15.

Meadow Fescue. GS5. A broad-leaved, deep green grass much used for lawns in the San Fernando Valley and other hot summer climates. Stands plenty of abuse. 90c per lb.; 3 lbs. for \$2.35; 10 lbs. for \$7.50.

A Trim, Well Kept Lawn is Usually an Important Factor in the Most Beautiful Home Landscape Pictures.

## Cool Green—Easily Grown—No Mowing

Plant ground covers are becoming more popular every day. Flats 18 inches square in most cases plant about 200 square feet.

Ajuga reptans. G1. "Blue Carpet." Makes a beautiful solid carpet of shiny, deep green foliage. It stays uniform and neat throughout the year, and in the spring and summer sends up little flower spikes with dainty blue flowers shaped like tiny bugles. Must have shade and plenty of moisture. \$2.75 per flat.

Convolvulus mauritanicus. G4. "Blue Morocco Creeper." An easily grown trailer, covered throughout the spring and summer with many bright violet-blue flowers. It is very good for planting in narrow places or along borders where it is impossible to mow. 2 1/4-inch pots, \$1.25 per 10, \$7.50 per 100; gal. tins, 40c.

Euonymus fortunei radicans. G5. "Red Winter Creeper." A dense flat mat of large, deep green foliage all spring and summer, turning bright red in the winter but never dropping. Stands desert heat, hardy to zero, grows in any soil. Will grow under trees. Sun or shade. Flats of 100, \$5.00.

## Wild Strawberries

Duchesnea indica. G4B. "Mockstrawberry." The plants look like beautiful, luxuriant strawberry plants and the fruits are perfect little red strawberries (not good to eat). A splendid ground cover with attractive rich yellow flowers instead of white ones. Easy to grow and quickly becomes a solid mat. Likes the sun. \$3.00 per flat.

Fragaria californica. G6. "California Wood Strawberry." A native strawberry which "ground covers" large spots with handsome deep green foliage, white flowers and little bright red berries that are delicious to eat. Good in sun near coast and in shade or part-shade anywhere. Needs little moisture. Has no top runners, spreads from underground roots, will not interfere with other shrubs. \$3.50 per flat.

Fragaria chilensis. G7. "Chilean Strawberry." A vigorous and luxuriant looking strawberry ground cover, with glossy leaves and edible berries. Best for sunny situations. \$3.00 per flat.

Gazania aurantiacum. G8. A splendid ground cover for sunny places, making a dense mat of soft grey-green foliage. Covered with myriads of large, showy, bright orange flowers. Also *Gazania splendens* (G10) with yellow flowers. Flats of 100, \$2.50.

*Gazania pavonia*. G9. This new strain is the family pride—has more brilliant 3-inch flowers of fiery orange-red, the foliage is larger and a deeper green. Flats of 100, \$3.25.

The Ivy-Leafed Geraniums are excellent ground covers. We have the following varieties: *Flesh-Pink* (G20), *Red* (G19), all in 4-inch pots at 40c each, \$3.50 per 10.

English Ivy. G10A. A favorite ground cover for sun or shade. Flats of 100, \$2.50.

## Drouth-Resistant Lippia

*Lippia canescens*. G14. A creeping, fast growing ground cover which soon establishes itself into a dense olive-green turf. It thrives under adverse conditions in hot locations, poor soil; requires little water and will stand much abuse, including trampling. Does not require mowing. \$2.50 per flat.

*Lantana sellowiana*. G13. "Trailing Lantana." A fast growing creeper, ideal for covering sunny banks, rock walls or can be used as a ground cover. Its good looking foliage and clouds of lavender blooms throughout most of the year form a pleasing contrast to green, well-kept lawns. Gal. tins, 45c; flats of 100, \$3.

*Mesembrythemum* (Ice Plants). Remember those beds at the San Francisco Fair? Their blaze of rosy color put the most colorful products of the looms to shame. They are easily grown, like full sun, and require only a reasonable amount of water. We have *Bronze* (G15), *Red* (G16), *Pink* (G17). \$2.75 per flat.

*Pachysandra terminalis*. G18A. "Japanese Spurge." The hardy evergreen ground cover which will make a close-knit mat of soft green foliage. It will stand zero weather and is one of the few ground covers that grows well under trees. \$3.50 per flat.

## Dichondra

*Dichondra repens* (G4A) has been widely used in Southern California during the last year or two. It requires no mowing, no renovating, is not affected by brown spot, resists weeds and takes no more water than the ordinary Blue Grass and Clover lawn. *Dichondra* is a low, creeping plant with Clover-like leaves, spreading by means of runners, which go just slightly below the surface of the soil. It grows rapidly and soon fills and makes a permanent deep green cover of fine turf. It can be used for any purpose for which you would use a grass lawn and seems to be excellent around stepping stones. Sun or semi-shade. For lawn use, one flat will plant about 200 square feet. \$1.50 per flat. Flats packed for shipment weigh about 60 lbs.

## Make It Grow With Vigoro

If you want a "picture" garden, one admired by everyone, the plants should be fed regularly with Vigoro, the complete plant food. Vigoro contains all eleven of the elements plants need for proper nourishment. That's why they develop extensive roots as well as luxuriant foliage and blossoms. It is a particularly fine fertilizer for lawns, greening them up in no time. The effects are long-lasting, and it is odorless and easy to apply.

We recommend Vigoro because we know that if used according to the simple directions included in every bag and package it will give you amazing results at very low cost. Get a supply of this complete, plant food at once and feed everything in your garden—lawns, flowers, shrubs and trees.

100 lb. bag.....	\$3.50
50 lb. bag.....	2.30
25 lb. bag.....	1.40
10 lb. pkg.....	.70
5 lb. pkg.....	.45
1 lb. pkg.....	.10

For acid-loving plants such as Azaleas and Camellias, we recommend specially prepared Bandini Acid Plant Food. 5 lb. pkg., 40c; 10 lb. pkg., 70c.

## Better Plants With Peat

Peat Moss. This finely ground, centuries old moss from northern peat beds is just the thing to lighten heavy clay soils and to mix with sandy soils so that they will retain moisture better. There is nothing better for this purpose. It is almost necessary to use it in Southern California in order to provide an acid soil for Azaleas, Camellias, Gardenias, and similar plants requiring that type of soil.

Each bale contains 20 bushels of humus and will cover at least 300 square feet one inch deep. Fifteen to twenty pounds of peat moss dug in around each newly planted shrub or tree will pay big dividends and in light sandy soils will save enough water to pay for itself many times over. Be sure to soak the peat in water before mixing with the soil. Large bales, \$4.50 each; one-half bale, \$2.50 each.





## Truck Delivery

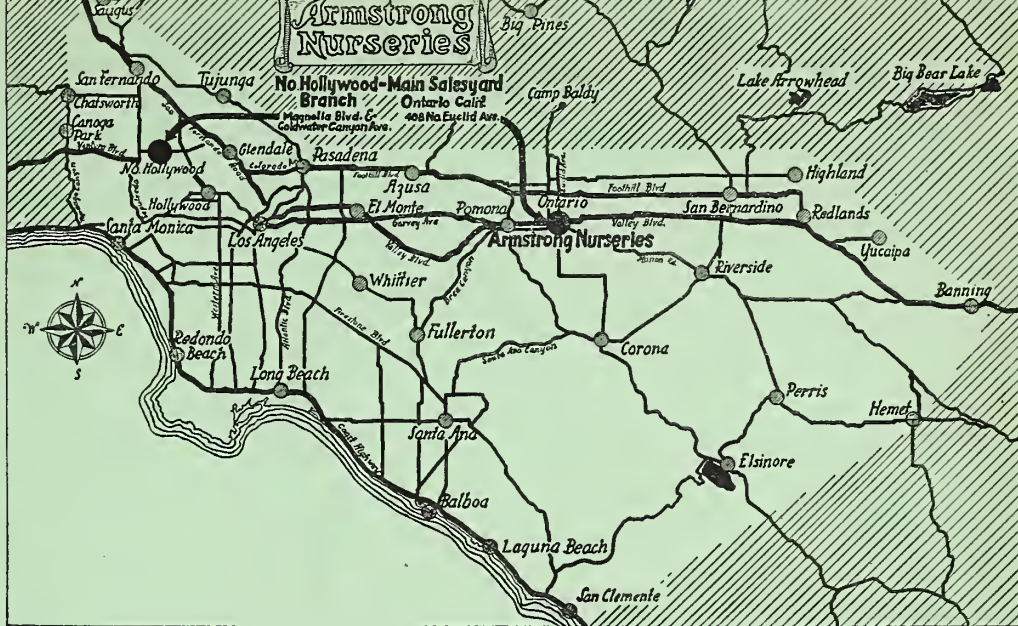
If you are in our delivery zone as shown on the map at the right, any order you place amounting to \$1.50 or more can usually be delivered safely to your door on one of our covered trucks for the small delivery charge of 40c. Some small light weight orders (roses, grapes, etc.) shipped in this area for less. See next page.

By careful conservation of rubber and truck equipment we are able to continue this service for our customers. Please note that because of the necessity of sending out only full loads and combining routes (and because some parts of your order may have to be dug fresh from our growing grounds), it may take a week or ten days to get delivery on your order.

### San Diego, Santa Barbara

Our covered trucks deliver to these two cities and nearby areas as often as we have full loads. Delivery charges are reasonable. If in a hurry for your order, better give us the option of shipping by express or freight.

No delivery charge to San Fernando Valley points on orders placed at our North Hollywood Branch.



We deliver by truck to the unshaded area on this map for 40c per order (any size order over \$1.50).

# Genuine Armstrong Products at Two Salesyards

## Main Display Yards at Ontario

Telephone Ontario 611-44

Address All Correspondence to Ontario

Our main offices and salesyards are located on famous Euclid Avenue at Ontario, 35 miles east of Los Angeles. Two main east and west boulevards, the Foothill Blvd. (U. S. 66) and the Valley Blvd. (U. S. 99) cross the beautiful double drive Euclid Avenue within a few blocks of our display yards.

## You Will Enjoy a Visit

At our display yards there is always a great wealth of beautiful plant material on display for you to look at and enjoy. It's a continuous fruit and flower show at both places. Courteous trained salesmen are there to give you the planting information you may need.

## Please Observe When Ordering

All quotations made by us prior to the issuance of this Catalog are hereby cancelled. All prices quoted in this Catalog are subject to change without notice. All orders are accepted subject to the stock being available at time of delivery.

**TERMS.** Cash. Send postoffice or express money order, bank draft or check. No order sent C.O.D. except by special arrangement. No shipping orders accepted for less than \$1.50. All purchasers whose orders are being shipped to California points will please add California Sales Tax of 3%.

**INSPECTION.** We guarantee all shipments to pass inspection wherever shipped. In most California counties plants must be inspected upon arrival. Look for directions on inspection tag attached to order. For information concerning inspection, telephone your inspector or the office of your County Agricultural Commissioner.

**GUARANTEE.** Our reputation depends upon your having good results with Armstrong plants. We handle them carefully to get them to you in excellent condition—give you planting instructions based on our experience. Plants are subject to the whims of Nature and man, and no one can guarantee that a certain one will thrive. When our instructions are followed, however, only very rarely should you lose a plant. Tell us immediately if any shipment on arrival is in any way unsatisfactory. At any time please feel free to ask our salesmen to help you find why a certain plant failed so that the next planting will do well. It is our desire to make fair adjustments and help you get the best results possible.

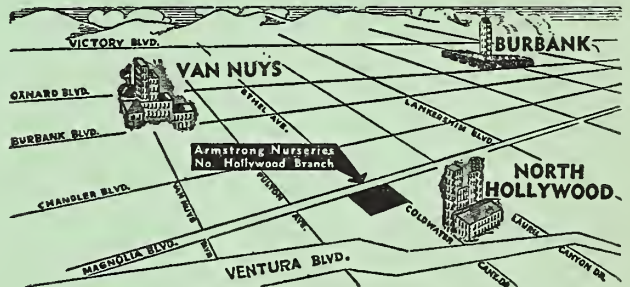
**PACKING CHARGE.** On mail, express and freight shipments we make a packing charge on balled fruit trees and all plants in tins, pots or other containers (except Azaleas and Camellias), this to partially defray the cost of the expensive packing materials used. Figure the charge this way: Add together the cost of these kinds of plants on your order. Take 10% of it. That is the packing charge to include in your remittance. Do not add in items not mentioned like berries, deciduous fruit trees, roses, etc. No packing charge on orders delivered by our truck.

## New North Hollywood Cash Branch

Telephone (from North Hollywood and vicinity) SUNset 11522.

From Metropolitan Area Phone STanley 7-2394.

Our North Hollywood branch is located at the corner of Magnolia Boulevard and Coldwater Canyon Avenue. You will find there a complete selection of all Armstrong products with the usual trained, courteous Armstrong personnel to serve you. Free delivery to all points in the San Fernando Valley, including the City of Burbank.



## We Are Open Most of the Time

Both of our Display Yards, with salesmen in attendance, are open every day, including Sunday, all through the year except in July, August and September, when we are closed on Sunday. We are also closed on New Year's Day, Memorial Day, Easter Sunday, July 4th, Labor Day, Armistice Day, Thanksgiving and Christmas Day. We can always give you better service if you will visit us on a week-day.

# Armstrong Nurseries

## MAIN OFFICES AND SALESYARDS

408 North Euclid Avenue  
Ontario, California

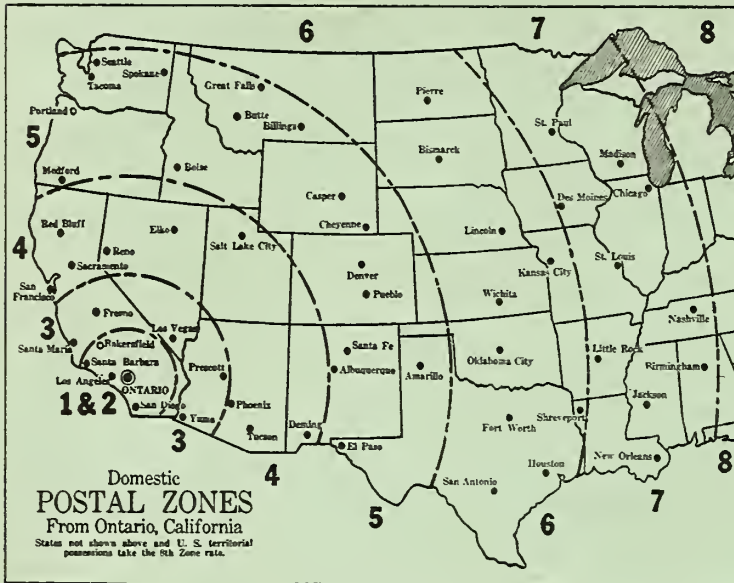
## NEW NORTH HOLLYWOOD

### CASH BRANCH

12908 Magnolia Boulevard  
Cor. Coldwater Canyon Avenue

# Order By Parcel Post—Express or Freight

For 53 years Armstrong customers in all parts of the world have been sending in their orders by mail. They know that they will get only the fine quality plants that everybody associates with the Armstrong name. We have hundreds of letters in our files, letters that say: "My plants arrived in excellent condition, thanks to your splendid packing." Naturally, it requires special knowledge and experience to pack live plants so that they will reach you in good condition and at a minimum cost. Recently we have developed a method of shipping heavier material in specially designed fibre containers, greatly reducing transportation costs.



Shipping Weight	Zones							
	1 and 2 not over 150 Miles	Zone 3 150 to 300 Miles	Zone 4 300 to 600 Miles	Zone 5 600 to 1000 Miles	Zone 6 1000 to 1400 Miles	Zone 7 1400 to 1800 Miles	Zone 8 1800 to 1800 Miles	Over 1800 Miles
1 lb.	.08	.09	.10	.11	.12	.14	.15	
2 lbs.	.10	.11	.14	.17	.19	.23	.26	
3 "	.11	.13	.17	.22	.26	.32	.37	
4 "	.12	.15	.21	.27	.33	.41	.46	
5 "	.13	.17	.24	.33	.40	.50	.59	
6 "	.14	.19	.28	.38	.47	.59	.70	
7 "	.15	.21	.31	.43	.54	.68	.81	
8 "	.16	.23	.35	.49	.61	.77	.92	
9 "	.17	.25	.38	.54	.68	.86	1.03	
10 "	.18	.27	.42	.59	.75	.95	1.14	
11 "	.19	.29	.45	.64	.82	1.04	1.25	
12 "	.21	.31	.49	.70	.89	1.13	1.36	
13 "	.22	.33	.52	.75	.96	1.22	1.47	
14 "	.23	.35	.56	.80	1.03	1.31	1.58	
15 "	.24	.37	.59	.86	1.10	1.40	1.69	
16 "	.25	.39	.63	.91	1.17	1.49	1.80	
17 "	.26	.41	.66	.96	1.24	1.58	1.91	
18 "	.27	.43	.70	1.02	1.31	1.67	2.02	
19 "	.28	.45	.73	1.07	1.38	1.76	2.13	
20 "	.29	.47	.77	1.12	1.45	1.85	2.24	
21 "	.30	.49	.80	1.17	1.52	1.94	2.35	
22 "	.32	.51	.84	1.23	1.59	2.03	2.46	
23 "	.33	.53	.87	1.28	1.66	2.12	2.57	
24 "	.34	.55	.91	1.33	1.73	2.21	2.68	
25 "	.35	.57	.94	1.39	1.80	2.30	2.79	

## What Method to Use

- On the back of our order blank and throughout the Catalog you will find the shipping weights given for each type of plant. For example: See page 1 for citrus, 9 for most deciduous trees, 68 for rose bushes, etc.
- If your order consists of berry plants, grape vines, up to 15 rose bushes, up to 10 deciduous fruit trees or deciduous shrubs, root divisions or plants that can be removed from tins, parcel post is the most economical method of transportation.
- If you live outside of Southern California and wish to cut shipping costs, citrus, avocados and cherimoyas can be bare rooted and sent by parcel post except in July, August and September.
- Packages weighing up to 70 lbs. and measuring 100 inches combined length and girth (measure around the package at the largest part and add the length), can be sent by parcel post, but usually shipments of 20 lbs. or over can be handled best by express.
- Certain large but relatively light items, such as tree roses and larger deciduous ornamental trees, must be sent by express or cut back very severely.
- Heavy shipments (50 lbs. or more) are usually best shipped by freight.

## If Using Parcel Post

- Approximate shipping weights for each item are indicated in the catalog, also in table on back of order blank. To determine the total weight of the shipment, just add the shipping weights of each item on your order.
- Determine your Postal Zone from the Zone Map above or miles from Ontario in the table.
- From the table at the right of the Zone Map it is easy to figure how much postage to include with your order. For example, if you ordered 3 fruit trees weighing 6 lbs. and live in the 3rd Zone, the correct amount would be 19c.
- Be sure to include enough extra for postage with your remittance, as we have to pay postage in advance (also packing charge—see Page 40). Shipping weights vary slightly, but those indicated will provide a fairly accurate basis for figuring. The amount may be smaller or greater, but you are charged only what postage is actually needed to ship your order. All extra will be promptly refunded.

## Express Shipments

Express is one of the most practical methods of shipping plant materials. The fastest passenger trains carry express shipments to all parts of the country so quickly that they arrive in perfect condition. There are no size or weight limitations.

Each express shipment valued at \$50.00 or less is automatically insured against damage or loss and perishable shipments are given special careful handling, all at no extra cost.

If you live in town, delivery will be made right to your door; otherwise, your express agent will telephone or mail a notice of arrival immediately.

Send no money for express charges. Unless you wish to make special arrangements, they will be collected when delivery is made.

The table below will help you estimate express charges on your order. Example: If your order weighs 30 lbs. and you live 200 miles from Ontario, charges will be about 76c.

## Table for Express Rates

	Miles from Ontario						
	100	200	400	600	1000	1500	2000
15 lbs.	.41	.47	.59	.71	.94	1.24	1.42
20 "	.49	.57	.73	.88	1.19	1.60	1.83
25 "	.56	.67	.86	1.06	1.44	1.96	2.24
30 "	.64	.76	1.00	1.24	1.69	2.31	2.65
35 "	.72	.86	1.14	1.41	1.94	2.66	3.07
40 "	.79	.96	1.27	1.59	2.20	3.01	3.48
45 "	.87	1.06	1.41	1.76	2.44	3.37	3.89
50 "	.94	1.15	1.54	1.93	2.70	3.73	5.30
60 "	1.10	1.35	1.81	2.29	3.20	4.43	5.12
70 "	1.25	1.54	2.09	2.64	3.70	5.14	5.95
80 "	1.41	1.74	2.36	2.99	4.21	5.85	6.77
90 "	1.56	1.84	2.63	3.34	4.71	6.56	7.60
100 "	1.63	2.05	2.83	3.61	5.14	7.19	8.34

In most of Southern California (see page 40) we get your order to you, usually by our truck, for a 40c packing and delivery charge. Outside of our delivery zone we use our judgment unless you specify method of shipment.

## Freight Shipments

For heavy shipments (50 lbs or over) freight is the most economical method of delivery. We use either fast "through rail service," or dependable hi-way truck line, whichever serves you best. If you live within the limits of your city or town, delivery will in most cases be made right to your door.

The minimum freight charge usually is the rate for 100 lbs. You make the greatest saving, therefore, when you build your order up to 100 lbs. or more. Charges on shipments weighing over 100 lbs. are based on the actual weight at the per 100 lb. rate.

Send no money for freight charges unless you especially want the shipment prepaid. You pay them when delivery is made. The table below will help you figure approximately how much the freight on your order will be. Figure from the town in the table nearest you and make necessary allowances.

## Table for Freight Rates

From Ontario to:	Per 100 Lbs.
Bakersfield, Calif. ....	\$.65
Fresno, Calif. ....	.85
San Francisco, Calif. ....	1.17
El Centro, Calif. ....	.67
Redding, Calif. ....	1.33
Portland, Oregon ....	1.70
Seattle, Washington ....	1.82
Phoenix, Arizona ....	1.07
Yuma, Arizona ....	.81
Tucson, Arizona ....	1.21
Prescott, Arizona ....	1.21
Las Vegas, Nevada ....	1.07
Albuquerque, New Mexico ....	1.95
Deming, New Mexico ....	1.95
Salt Lake City, Utah ....	1.89
Denver, Colorado ....	3.12
El Paso, Texas ....	1.95
Houston, Texas ....	3.35
Oklahoma City, Okla. ....	3.59
New Orleans, Louisiana ....	4.17
Atlanta, Georgia ....	4.52
Miami, Florida ....	4.64
St. Louis, Missouri ....	4.17
Chicago, Illinois ....	4.28
New York, New York ....	4.64





# Armstrong Azaleas

Every year more garden enthusiasts are enjoying the glorious mass of brilliant spring color which Azaleas produce.

**How to grow them.** Azaleas prefer full shade or semi-shade and do well next to the house on the north side or under trees. Observe three rules: (1) Plant them in an acid soil composed largely of leaf mold or peat moss. (2) Keep the soil acid by frequent applications of an acid plant food (we have it or you can get it anywhere). (3) Give them plenty of water, especially during the warm, dry summer season. Detailed planting instructions go with every order.

**See them in bloom.** Both of our Display Yards are brilliant during late winter and spring with thousands of blooms on beautiful plants of the three finest types of Azaleas. See this display once and you will want these spectacular heralds of spring in your garden.

**Shipping Weights on Azaleas:** 6-inch pots, 3 lbs.; 9-inch pots, 8 lbs.; tubs, 50 lbs.



Azalea L. J. Bobink



Purity. One of the Rutherfordiana Azaleas. Very fragrant.

## Colorful Kurume Azaleas

Kurume Azaleas will always be popular because they bloom so heavily. During their brief early winter nap they lose some of their leaves but awake early, and burst into flower before winter is over. At the height of their blooming season they are indescribably lovely clouds of small pastel colored flowers. All the colors blend well together and massed plantings are very effective. The plants reach 2 to 6 ft. in height, are hardy down to zero and grow easily.

All varieties, blooming sizes, 6-inch pots, \$1.00; 9-inch pots, \$2.25; large specimens in tubs, \$5.00. Flowers single unless noted.

**Bells of Arcady. SA31.** Deep lavender, very large bell-shaped flowers.

**Botticelli. SA32.** Apple blossom pink and cream. Semi-double (two rows of petals).

**Cherry Ripe. SA33.** Bright cherry red.

**Coral Bells. SA34.** The delicately formed semi-double flowers have several shades of coral and pink. Our most popular Kurume Azalea.

**Coralie. SA35.** Glowing pastel salmon. Semi-double.

**Laughing Water. SA37.** Very large, pure white, 2½ inches across. Most fragrant.

**Orchid. SA38.** Rich orchid color. Large.

**Rosy Morn. SA39.** Cerise-pink. Semi-double.

**Salmon Queen. SA40.** Deep salmon.

**Santol. SA41.** Creamy light pink.

**Snowflake Double. SA43.** The semi-double pure white blooms glorify the colors in other kinds.

**Sunstar. SA44.** Large deep pink.

**Vivid. SA45.** Brilliant red shaded orange. Semi-double.

**Wood Dove. SA46.** Deep mauve-lavender.

## Indian Azaleas

These are the evergreen Indian Azaleas for which many of the famous Azalea gardens in our Southern States are noted. Indian Azaleas in much of California are just as gorgeous as in the Old South. The huge blooms, 3 and 4 inches across, are individually spotted around on the plants more than on other Azaleas. They show off well against the verdant evergreen foliage. Indicas do not like cold below 28°. Price: 6-inch pots, \$1.90; 9-inch pots, \$3.00.

**Pride of Mobile. SA25.** A large, single, watermelon-pink with deep crimson markings. Alabama's best. 4 ft.

**Mme. Van Der Cruysen. SA28.** Three-inch flowers of clear salmon-pink with crimson dot markings in the throat. 3-foot grower.

**Vervaneana. SA29.** Salmon-rose with lighter pink border and crimson dot markings, also salmon flowers occasionally. 3 to 5 feet.

## The New Azalea Rutherfordiana

These new hybrids combine all of the finest characteristics of other types of Azaleas. The flowers are very large, usually double, and are borne in clusters. The handsome foliage is evergreen and large. Anywhere along the Pacific Coast or the Southern States the plants are smothered in blooms every spring. The plants themselves are hardy down to zero, but the most tender flower buds may be damaged by temperatures below 25°.

All varieties, blooming sizes, 6-in. pots, \$1.90; 9-in. pots, \$3.00; large specimens in tubs, \$6.

**Alaska. SA1.** A garden blizzard of semi-double snow-white blooms. Early bloomer.

**Albion. SA2.** A most fragrant, pure white, semi-double kind, blooming late.

**Constance. SA3.** Deep lavender-pink, paling to creamy white in the center. Single.

**Delight. SA4.** Pale apple blossom pink; red dots in the throat. Double.

**Dorothy Gish. SA5.** Brick-red with rich red markings in the throat.

**Fairy Flame. SA6.** Very deep cerise-red, semi-double. Pleasantly fragrant.

**Firelight. SA7.** Glowing light crimson. Semi-double. An early bloomer.

**L. J. Bobbink. SA8.** Very free-flowering, fragrant, soft orchid-lavender. Semi-double.

**Mary Corcoran. SA9.** Best single, apple blossom-pink, flecked deep rose in the throat.

**Morning Blush. SA10.** Neatly ruffled, semi-double, orange-pink flowers 2½ inches across.

**Pink Ruffles. SA12.** Uniform deep bright pink, with two rows of ruffled petals.

**Pinky. SA13.** There is also a little rich salmon tone in Pinky's double blooms.

**Purity. SA14.** Large, pure white blooms, quite fragrant, two rows of petals. See above.

**Salmon Perfection. SA17.** Wavy petaled, semi-double, deep salmon-pink.

**Snowbank. SA42.** Our largest, fragrant, single white. Compact grower.

**Sunset. SA18.** Showy, brick-red, semi-double.

**Yuletide. SA19.** Semi-double, vivid cherry-red which blooms early.

## For Late Azalea Blooms

The two beautiful Azaleas below have no competition whatever in their season because they bloom six weeks after all other kinds are gone (May and June).

**Sakuragata. SA26.** Medium sized saucer shaped blooms, very bright pink, lightening to white in the center.

**Sei-Qua. SA27.** Same as above but luminous glowing salmon.

Plants in 6-inch pots, \$1.90 each.

## Rose-Flowered Azalea

**Azalea roseiflora. SA30.** A rare dwarf gem with 2-inch, very double blooms of deep pink with a salmon undertone. They look like small, many-petaled, open rose blooms to some, but like miniature camellia blooms to us. 2-3 ft. 6-inch pots, \$2.25; 9-inch pots, \$3.00.

## Orchids for Your Garden

**Epidendrum radicans. S89.** 25°. Some of the magnificent, brilliantly colored orchids of the Central and South American forests thrive in the open here in Southern California, and this is one of them. A semi-climbing, leafy plant, sending up stems from 3 to 6 feet tall on which are borne clusters of fascinating and brilliant small orange-red and yellow orchids. Wonderful cut flowers. 6-inch pots, \$1.75.

**Epidendrum radicans.** A gorgeous orchid, blooming all year in Southern California.





Lady Vansittart



Princess Bacciocchi, a peony type flower



Nagasaki, 4 to 6 inches across



Colonel Firey, a perfect red



Herme, sweetly fragrant

## Armstrong Camellias

They have Armstrong  
Quality. It makes a big  
difference.



Rosita, perfectly formed



Purity, exquisitely white

The exquisite flowers of *Camellia japonica*, waxy and delicate in texture and beautifully tinted, are now the most admired winter and early spring blooms of the Pacific Coast and Southern States. And the plant itself is handsome, with its glossy evergreen foliage forming a perfect setting for the bright-colored blooms.

**Where to Plant Them.** Camellias grow easily everywhere on the Pacific Coast except on the desert. They are hardy down to 10°, requiring only a good well drained soil and a sheltered, largely shaded location. Complete planting instructions with every order.

**Soil Preparation.** The addition of some peat moss or leaf mold to most soils insures better results. Camellias begin to flower as soon as they are a foot or two in height so you will not have to wait for blooms.

**Check the Prices.** We'll stack our prices up against others any time. You'll find them low.

**Shipping Weight on Camellias.** Gal. tins, 4 lbs., 5-gal. tins, 30 lbs., tubs, 50 lbs. See shipping costs on page 41.

**Note.** Solid colored Camellias occasionally show slight markings or may even throw a flower of an entirely different color and shape. This does not necessarily mean that it is incorrectly named or described.

### Special New Novelties

**Anita. SC2.** Probably the most spectacular and beautiful striped Camellia. The medium-sized, high-centered flower has four rows of petals. The color background is light pink, with bold, heavy stripes of deep pink or carmine. It's very rare and our stock will not last long. 5-gal. tins, 12-18 inches, \$6.00; balled, 2-2½ ft., \$10.00.

**Fimbriata Alba. SC21.** A rare and beautiful white Camellia, larger than average, with double, high-centered, many-petaled flowers, each snowy white petal delicately frilled or fimbriated around the edges. The plant is somewhat dwarf and blooms with great freedom. Very scarce. Balled, 2-2½ ft., \$10.00; 2½-3 ft., \$15.00.

### Very Rare Camellias

**Colonel Firey. SC9.** Camellia connoisseurs rate it at the top in red Camellias because of the glowing rich crimson color and the beautifully shaped flowers, 5 or 6 inches across. The many petals open out into a full, broad, imbricated bloom, similar to Pink Perfection in form but much larger. Its rich glowing color is even lovelier under artificial light. Fairly dwarf in growth.

**Julia Drayton. SC34.** By far the largest red Camellia that we grow. The huge flowers, often 6 and 7 inches across, are a uniform shade of brilliant scarlet and the very large petals are beautifully veined and textured. Very double, with a high-pointed center. Its clear bright color and enormous size make it one of the most spectacular and magnificent of all Camellias. A good strong grower, too.

**Kumasaka. SC36.** Rare, giant flowered, rose-pink bloom of informal, irregular form with a few very large petals and a varying number of smaller petaloids in the center. The flowers have a characteristic delicate, sweet fragrance. It combines large flowers and lots of them with a good, strong growing, tall plant.

**Nagasaki. SC47.** A very large, semi-double flower of bright rose-pink, heavily marbled with white; 10 or 12 extremely large petals, with a few smaller ones in the center; most informal and lovely in appearance; 4 to 6 inches across; a slight, sweet fragrance. We consider it to be one of the most beautiful of all variegated Camellias.

**Pink Beauty. SC49.** A very large-flowered, large-petaled, fully double flower often 6 inches across, and a clear uniform light pink, without other shadings. The plant is exceedingly vigorous, with large glossy foliage, blooming late. Best in a moist coastal climate.

**Wakanouri variegata. SC69.** A very bizarre looking variegated variety, somewhat similar to Anita. The flowers are larger, however, and the coloring is more irregular, with many broad stripes of deep pink and rose-red, emphasized by narrow white stripes. It's so different that it will startle you when you first see it. 5-gal. sizes only.

**Prices on all Very Rare Camellias:** Gal. tins, \$2.50; 5-gal. tins, 1½-2 ft., \$5.00 each; 2-2½ ft., \$7.50; 2½-3 ft., \$10.00. Large specimens priced on request.

Visit our Display Yards at Ontario or North Hollywood from December to March and see these Camellia varieties in full bloom.



Julia Drayton

# The Camellia, winter's most beautiful flower, likes shade or semi-shade

## Rare Camellias

Size	Each
Gal. tins .....	\$1.85
1½ to 2 feet, 5-gal. tins.....	4.00
2 to 2½ feet, 5-gal. tins.....	6.00
2½ to 3 feet, 5-gal. tins.....	8.00

**Alba plena. SC1.** So lovely is its form, so fragile and delicate its beauty that you can see at a glance why it is the most sought after white Camellia. The very large flowers, 5 or 6 inches across, fully double, with many imbricated petals, open beautifully and never show the stamens. Brought from the Orient to England in 1792, has been rare ever since.

**Daikagura. SC12.** Its large, double, deep rose flowers (sometimes streaked with white) would be beautiful at any season, but it is doubly valuable because it is the earliest Camellia to bloom, flowers appearing in early November.

**Emperor of Russia. SC18.** The flowers are very large, 5 or 6 inches across, with very large petals around the outside of the flowers and with smaller recurved petals in the center. The color is a brilliant scarlet. Plant somewhat dwarf in habit. Undoubtedly one of the finest reds.

**H. A. Downing. SC30.** Beautiful large flowers, deep rose-pink in color, almost red. Three rows of very large petals, with a center of beautifully contrasting yellow stamens. The flower averages 5 inches across and is one of the loveliest of its color.

**Jarvis Red. SC33.** A small to medium red flower with a row of large, crisp petals around the outside and a tufted center of smaller petals. It probably has the darkest red color of any Camellia that we grow. Rather dwarf. Flowers young and blooms heavily. One size only. 5-gal. tins, 1½-2 ft., \$4.00.

**Lady Vansittart. SC39.** If we had to choose one deep pink Camellia, this would probably be it. The large 4½-inch, vivid deep pink blooms have three rows of broad, wavy-edged petals, symmetrically arranged around a ring of golden stamens. The glossy, wavy foliage is more beautiful than that of any other Camellia in our opinion.

**Princess Bacciochi. SC52.** A flower of startling beauty, very large, modified peony type, rich velvety carmine-red, without other shadings, contrasting brilliantly with the golden stamens which show among the petals in the slowly opening flower.

## Unusual Kinds

Size	Each
Gal. tins .....	\$1.35
1½ to 2 feet, 5-gal. tins.....	3.00
2 to 2½ feet, 5-gal. tins.....	4.00
2½ to 3 feet, 5-gal. tins.....	5.00
3 to 3½ feet, 5-gal. tins.....	6.50
3½ to 4 feet, tubs.....	8.00

Large specimens priced on request.

**Alba superba. SC57.** A magnificent, semi-double, pure white Camellia, 4 to 5 inches across, with enormous petals. More informal and less symmetrical than Purity.

**Belle Romana. SC4.** This striking variegated kind is perhaps the ideal corsage Camellia. It has the unique ability of blending with all fabrics regardless of color. Most of the big, double, large-petaled flowers are light pink, profusely striped and splashed with crimson. Grows vigorously and blooms profusely.

**C. M. Hovey. SC8.** Exactly like Julia Drayton with the same enormous flowers and big petals, but usually has little flecks of white against the brilliant red. 5-gal. sizes only.

## Unusual Kinds

(Continued)

**Camellia Chandleri elegans. SC5.** One of the most spectacular of all Camellias, the great 7-inch rose-pink flowers, lightly splashed with white, astonishing the beholder with their size and beauty. The plant is comparatively dwarf but produces its gigantic high-centered, beautifully colored blooms in great profusion. You will never complain about any shortage of flowers because this one sets an amazing number of buds even on very small plants. In the winter the plants you buy from us will have plenty.

**Lady Campbell. SC37.** If you want to enjoy the handsome foliage and exquisite flowers of a Camellia in a tub, in your patio, you can not pick a better kind than this. A compact grower and tremendous producer of medium sized, double, clear rose-pink flowers over a long period. Does even better planted in the ground.

**Marchioness of Exeter. SC41.** In size, brilliancy of coloring and perfection of form, this beautiful pink variety, salmon-pink with a few occasional white markings, is possibly the finest Camellia in its color. Amazing in size, the gigantic flowers are crowded with petals and yet gracefully arranged, the color is glowing and lustrous. Dwarf, spreading habit.

**Professor C. S. Sargent. SC53.** A most unusual bright scarlet flower, 3 inches across, with a very full, round, peony type center, almost like a pompon chrysanthemum, the flower often carrying more than 200 petals. It usually has one row of very large round petals around the outside of the bloom. With Emperor of Russia, Colonel Firey, and Julia Drayton, this rates as one of the finest of the reds, and is deeper in color than any of these. A semi-dwarf plant, very free in bloom.

**Camellia sasanqua.** Graceful, compact plants. Handsome foliage, fragrant flowers, and many of them all at one time in the fall. Fine for espalier. We have Dawn (SC62), single light pink; Judith (SC63), single light red; and Mine-No-Yuki (SC64), double white, with wheat straw fragrance. Gal. size and 5-gal. 1½-2 ft. only.



Belle Romana, light pink splashed crimson

## Standard Varieties (continued)

**Lady de Saumerez. SC38.** A splendid informal, large-petaled, semi-double flower of bright pink, medium to very large, fully open at the center showing contrasting yellow stamens. Splendid large foliage.

**Llewellyn's Red. SC39A.** The deep red flowers are just the right size and shape for corsage or boutonniere. Fifty or more petaloids tightly clustered together form the center, surrounded by two rows of very large petals. A fine-foliaged, fast grower.

**Mrs. John Laing. SC45.** A splendid symmetrical, fully double flower of clear rose-pink, 3½ inches across, darker than Pink Perfection but lighter than Rosita. Exceedingly vigorous with handsome, deep green foliage, growing in popularity because of its lovely form, delightful color and freedom of bloom.

**Pink Perfection. SC50.** Probably the most popular Camellia grown in California, and its very double, medium-sized flowers of delicate light pink are very charming indeed. Never fails to display large quantities of perfect flowers from Thanksgiving time on through the winter. One of the strongest and most vigorous Camellias in growth.

**Purity. SC54.** (Neige d'Or.) Its name describes it. Symmetrical, exquisitely formed, double snowy white flowers of large size, often 5 or 6 inches across. It outsells all other whites we grow.

**Rosita. SC59.** Very double, medium size flowers of bright rose-pink, the petals delicately veined and arranged in a symmetrical rosette-like form. The very latest Camellia to bloom in winter. A fast, vigorous grower, with every flower a perfect one.

The giant pink flower of Marchioness of Exeter

## Standard Varieties

Size	Each
Gal. tins .....	\$ .90
1½ to 2 feet, 5-gal. tins.....	2.75
2 to 2½ feet, 5-gal. tins.....	3.50
2½ to 3 feet, 5-gal. tins.....	4.25
3 to 3½ feet, 5-gal. tins.....	5.25
3½ to 4 feet, tubs.....	6.75

**Cheerful. SC6.** Clear, bright cherry-red, medium size, very double, setting enormous quantities of blooms, many more than most Camellias even while the plants are small. Blooms late.

**Czarina. SC11.** Exactly the same as Emperor of Russia, but variegated with white. The contrast between the brilliant red and the pure white is quite startling.

**Fanny Bolis. SC20.** Big red flowers, blotched with white, with enormous petals loosely arranged. Six inches across, it is one of the largest and most beautiful of the variegated Camellias. A beauty.

**Herme. SC32.** (Jordan's Pride.) Huge, 5 to 6 inch, semi-double flowers of light rose-pink with a broad, irregular border of white around each big petal. Occasional stripes of bright red. This is one of the few fragrant Camellias, possessing a delightfully sweet perfume.





# Armstrong Evergreen Shrubs

## Save Approximately 10%

When you purchase five of one variety, or fifteen or more assorted ornamental plants listed on pages 23 to 62, inclusive, of this catalog (except flats or 2 1/4-inch pots), you are entitled to the following reductions:

**Listed Each Rate**  
 \$0.25 to \$0.65 inc.....Deduct 5c per plant  
 .70 to 1.75 inc.....Deduct 10c per plant  
 1.80 or more.....Deduct 25c per plant

## Strawberry Madrone

**Arbutus unedo. S5. "Strawberry Madrone."** 6-10 ft. or larger. 15°. 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. Stands heat, cold and drought. Sun or part shade. Gal. tins, 65c; balled or 5-gal. tins, \$2.00.

**Arbutus unedo compacta. S6. "Dwarf Strawberry Madrone."** 6 ft. 15°. A lower, more compact and rounded form of this beautiful shrub with the glossy, holly-like leaves, dainty flowers and red fruits. Here's your chance to enjoy all this beauty in a plant which occupies less space. Grows anywhere. Sun or part shade. Gal. tins, \$1.00; 5-gal. tins, \$2.50.

## Abelias—Old and New

**Abelia floribunda. S0. "Red Mexican Abelia."** 4 ft. 15°. One of the loveliest new evergreen shrubs for Northern and Central California gardens. Has handsome glossy foliage and breaks out in late spring with a profusion of pendulous, tubular, reddish purple flowers 1 to 2 inches long. Not very successful in Southern California. Plenty of water. Full sun or part shade. Gal. tins, 75c; 5-gal. tins, \$2.00.

**Abelia grandiflora. S1. 6 ft. Zero.** Its small, shiny, bronze-green foliage and arching stems clothed with clusters of little fragrant rosy-white flowers, borne almost continually, make it exceedingly valuable for mass or foundation planting in either full sun or partial shade. Hardy anywhere. Gal. tins, 50c; 5-gal. tins, \$1.50.

**Abelia schumannii. S2. "Pink Abelia."** 5 ft. Zero. Somewhat similar to *A. grandiflora*, but the beautiful pinkish lilac blooms with yellow throat are much larger and brighter and are produced in profusion all through the spring and summer. Seldom exceeds 3 or 4 feet in height. Perfectly hardy anywhere, and thrives in any soil in full sun or part shade. A most satisfactory flowering shrub for all sections. Gal. tins, 60c; 5-gal. tins, \$1.75.

## Flowering Maple

**Abutilon vitifolium Vesuvius. S11. "Red Flowering Maple."** 5 ft. 20°. The showiest of the Flowering Maples is this variety with the enormous 2-inch bell-shaped flowers of brilliant orange-scarlet. A fast-growing shrub, blooming the year around. Shade or part shade. Gal. tins, 60c.

## Canary Island Lupine

**Adenocarpus foliolosus. S3. "Canary Island Lupine."** 8-10 ft. 15°. The tip of every one of its many bright green branches is a glowing mass of brilliant yellow flower spikes, like giant yellow lupines, through April, May and June. Splendid foliage throughout the entire year. Full sun. Fairly dry soil. Gal. tins, 65c; 5-gal. tins, \$1.85.

## Bearberry

**Arctostaphylos uva-ursi. S6A. "Bearberry."** Zero. A handsome little low-growing, creeping plant from the California coastal mountains which makes a dense evergreen carpet of small, dark green leaves, handsome all through the year. Becomes 3 or 4 feet across. Grows easily anywhere in any soil. Sun or shade, but prefers coastal conditions. Pretty little red or dark pink berries in summer (that's what the bears eat). Gal. tins, \$1.25.

## Gold Dust Plant

**Aucuba japonica Gold Dust. S9. "Gold Dust Plant."** 15°. Splendid hardy evergreen foliage plant for shady location and excellent as a background for Azaleas. Masses of big, glossy, shining green leaves, 7 inches long, lightly dusted with gold. Grows to 6 or 8 feet but easily kept down to 5 feet. If you have both male and female plants present, the Aucubas will bear very beautiful, large, bright red berries, more than 1 inch long. Balled or 5-gal. tins, 2-3 ft., \$2.00 each. One male and one female (the pair), \$3.50; or 2 plants in one 5-gal. tin (one male and one female), \$2.50 for the pair.

## Vanilla-Scented

**Azara microphylla. S10A. "Boxleaf Azara."** 8 ft. 12°. Graceful arching pendulous branches and small, round, glossy leaves. Fine for tracery effect against or to hang over walls. Its little flowers have the fragrance of vanilla. Gal. tins, 75c; 5-gal. tins, \$2.00.

## Two Shrubby Asters

**Aster fruticosus. S8. "Shrub Aster."** 3 ft. 18°. It is not in the least like other Asters, being neither annual nor perennial, but a permanent evergreen shrub, just the right size to fit into the average garden, with dark evergreen foliage which breaks out in April, May and June into great masses of deep lavender or rosy-mauve flowers, completely covering the plant, each flower 1 to 1 1/2 inches across, making a magnificent display of color. Likes fairly dry soil, full sun, and we give it our heartiest recommendation because of its ease of growth, freedom of bloom and remarkable beauty. Gal. tins, 60c; 5-gal. tins, \$1.75.

**Aster filifolius elongatus. S7. "Early Flowering Shrub Aster."** 3 ft. 15°. Similar in growth and flowers to the above kind but blooms two weeks earlier and has slightly more delicate flowers in a lighter shade of lavender. We like both of these Shrubby Asters because they stay small and do not overgrow their location, but care must be taken not to give them too much water, for they like but a sparing amount of moisture and plenty of sunshine. Should be pruned back severely once a year, immediately after blooming. Gal. tins, 60c; 5-gal. tins, \$1.75.

## You Can Plant Shrubs Anytime

The black squares under every month below indicate that you can plant evergreen shrubs during every month in the year.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Tins or Balled	■	■	■	■	■	■	■	■	■	■	■	■

The Shrub Aster is a mass of flowers in spring.

## Important—Please Read

We try to make this Catalog an accurate, thorough and interesting guide to the plants that we grow, and in the limited space available we have crammed as much information as possible in order to make it easy for you to select the right plant for the right place in your garden.

**Where to Plant.** In these descriptions you will find the approximate average height to which each plant will grow, whether they prefer sun or shade, and other helpful information. You'll find in each description the approximate minimum temperatures at which each plant will be damaged by frost (approximate only since the age and condition of plants during cold weather have much to do with their resistance to frost). In California, the plant would probably have its mature twigs injured if the temperature reaches the figures mentioned for several hours, but often the plant would recover. In other States where the temperature may reach these figures many times in a season, usually such plants should not be planted. Also see the Planting Guide on pages 37 and 38.

**Come and See Us.** If you visit our Display Yards, you will be able to see many varieties not listed herein, hundreds of plants in bloom, large specimens not listed here, and our trained salesmen will be able to give you helpful information regarding your planting.

**Easy to Order by Mail.** It's easy to order Armstrong plants by mail and just as easy to get delivery on them. See page 41.

**Shipping Weights.** Packed for shipment, plants in gallon tins weight 10 lbs. each; 5-gal. tins 50 lbs. each. Balled plants average 50 lbs. each. See page 41 for shipping costs by rail.

Fruit, flowers, and foliage of the Strawberry Madrone.





## Red Orchids

*Bauhinia galpinii*. S11. "Red Bauhinia." 8 ft. 22°. Clusters of glorious, exotic, spidery, red orchid-like flowers, borne in clusters of from 6 to 10 from spring to late autumn. That's what you'll have if you plant this clambering, handsomely foliaged shrub with roundish two-cleft leaves. There is no lovelier plant to drape itself over a low wall, trellis or rocks in the garden. Likes moisture but must have good drainage. Sun or half-shade. See illustration in color on page 35. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## A Desert Beauty

*Beloperrone californica*. S12. "Chuperosa." 4 ft. 15°. A low, spreading shrub from the water courses of the Colorado Desert. A beautiful sight when in bloom in the spring, covered with racemes of rich scarlet flowers. Dry soil, full sun. Gal. tins, 75c.

## Dry Land Shrimps

*Beloperrone tomentosa*. S13. "Shrimp Plant." 2 ft. 25°. Handsome little compact plant which bears all year odd but attractive flower spikes of coppery bronze bracts, enclosing small cream and purple flowers. Excellent for cut flower arrangements. Sun, half-shade. Gal. tins, 65c.

## Colorful Buddleias

*Buddleia davidi*. S20. "Ile de France." 8 ft. 15°. The finest of the "Summer Lilac" type of Buddleia, with great long flower spikes 6 to 12 inches long, in color a brilliant rosy purple tinted with violet. Deliciously fragrant. Perfectly hardy anywhere. Should be pruned back almost to the ground each winter. Full sun. Gal. tins, 45c.

*Buddleia asiatica*. S18. "White Summer Lilac." Similar to above but with white flowers, the most fragrant of all the Buddleias. Gal. tins, 45c.

*Buddleia "Charming."* S19. 8 ft. 15°. The finest of all the pink Buddleias. Bears all through the late summer and autumn beautiful long sprays of lavender-pink blooms, 12 to 16 inches in length, extremely fragrant and very dainty in coloring. Grows fast and will start to bloom for you the first summer after planting. Gal. tins, 50c.

Please include both name and code number of the variety on your order sheet.

the brilliant orange flowers of Darwin's Barberry.



## Barberries

*Berberis darwini*. S14. "Darwin's Barberry." 6 ft. Zero. Small, glossy, dark green, holly-like leaves with brilliant orange-yellow flowers in the spring, followed by plum-colored berries. It has long been and still is one of the most popular Barberries for the West. Sun or shade. Gal. tins, 65c; 5-gal. tins, \$1.85.

*Berberis darwini nana*. S14A. "Dwarf Darwin's Barberry." (B. gracilis.) 2 ft. 5°. Foliage, flowers and berries like the above but makes a low, rounded, dense mound of foliage. Sun. Gal. tins, 75c; 5-gal. tins, \$2.00.

*Berberis pruinosa*. S15. 6 ft. Zero. We think this is one of the most beautiful of Barberries, and here are the reasons: (1) The beauty and grace of its arching branches which do not get too big; (2) Long 2-inch, dark green, glossy, spiny-toothed leaves which cover the plant; (3) A few of them become brilliant red in the fall and winter (but do not drop); (4) Bright yellow flowers in late winter; (5) Followed by big, beautiful blue-black berries. Sun or half-shade. Gal. tins, 65c; 5-gal. tins, \$1.85.

*B. thunbergi atropurpurea*. S15A. "Red-leaved Japanese Barberry." 4 ft. Zero. Leaves brilliant purplish-red at all times, some of them dropping off in winter. Perfectly hardy under all conditions, and extremely colorful wherever planted, whether it be mountain, desert or coast. Gal. tins, 65c.

## Bouvardias

*Bouvardia*. 2-3 ft. 25°. The colorful clusters of dainty, long, tubular flowers produced continuously throughout the year make them very valuable for bright colors in the garden. Should be pruned severely once or twice a year to keep them in bloom. Full sun or semi-shade near coast, shade inland. B. humboldti and Albatross are intensely fragrant with a delicious Jasmine scent, but in the other varieties color takes the place of fragrance.

*B. Albatross*. ST2. A new, improved, white Bouvardia with magnificent snowy white flowers, the tubes being 3 or more inches in length and the petals about 1½ inches across. They are borne in extreme profusion and are even more intensely and deliciously fragrant than humboldti, if that is possible. Gal. tins, \$1.00.

## Fire Chief Red

*Bouvardia ternifolia*. ST3. "Fire Chief Red." 3-4 ft. 25°. An extremely brilliant new variety of Bouvardia that you can see a block away. A glowing brilliant red just like the Fire Chief uses on his car. Gal. tins, \$1.00.

*Bouvardia humboldti*. ST3A. Large, fragrant, snowy white flowers, 2 to 3 inches long, intensely sweet. Gal. tins, 65c.

*Bouvardia Dark Rose Pink*. ST2A. Deep pink. Gal. tins, 65c.

## Fragrant Carpenteria

*Carpenteria californica*. S29. "Fragrant Carpenteria." 6 ft. 15°. A handsome California native flowering plant, with large, long leaves and single, white, exceedingly fragrant, 5-petaled flowers, 2-2½ inches across, which look like single roses or single camellias. Exceedingly lovely in form and texture and borne in such profusion as to make the plant look like a mound of snow. Best in part shade under filtered sunlight, with good drainage. Gal. tins, 85c; 5-gal. tins, \$2.00.

In our delivery zone (see page 40) we deliver in covered trucks.



Yesterday violet, today lavender, tomorrow white, but always sweetly fragrant are Brunfelsias.

## Yesterday, Today and Tomorrow

*Brunfelsia calycina floribunda*. S17. "Yesterday, Today and Tomorrow." 6 ft. 20°. Medium size shrub of compact habit with rich dark green foliage, producing throughout most of the year many intensely fragrant flowers which open deep violet and fade gradually to lavender and white, yesterday's flowers being a different color today. Tomorrow they will be a still different color. Few flowers are more sweet-scented than these, and few plants bloom over a longer summer period. Plenty of moisture. Sun or part shade. Gal. tins, 90c; 5-gal. tins, \$2.25.

## Boxwood for Hedges

*Buxus microphylla japonica*. S22. "Japanese Box." 2 to 4 ft. 10°. This Boxwood makes the best low evergreen trimmed hedge that can be grown in California and is much used for this purpose, as well as for trimmed pyramids or globes for garden or tubs. Naturally grows low, dense and compact, with glossy, bright green, small leaves. Flats of 100 small plants, \$3.00; 4-inch pots for hedge planting, \$2.50 per 10, \$20.00 per 100; trimmed globes, 14-16 in., \$3.00; trimmed pyramids, 24-30 in., \$4.00; 30-36 in., \$5.00.

*Buxus harlandi*. S21. "Korean Boxwood." 2 ft. 5°. A new Boxwood which may displace the Japanese Boxwood for hedges and trimmed plants in many places, particularly where a lower hedge is desired, since this variety does not naturally grow much over 18 inches or 2 feet and becomes very dense and compact at that height, keeping its shape with almost no pruning. Grows quite rapidly to 18 inches, however. Flats of 100 small plants, \$4.50; trimmed globes, 12-15 in., \$1.50; 15-18 in., \$2.00; 18-24 in., \$2.50.

## Like a Yellow Wild Rose

*Candollea cuneiformis*. S28. 4 ft. 22°. A beautiful, compact, rounded plant, covered from March to June with many 1½-inch bright yellow flowers almost like a free-blooming yellow wild rose. Gal. tins, \$1.00.

*Carpenteria*, white flowers big as a dollar.



# Armstrong Shrubs



The brilliant yellow flowers of Golden Wonder.

## Golden Wonder for Winter Color

**Cassia splendida.** S31. "Golden Wonder." 20°. We are very enthusiastic over this large shrub, which is spreading, much branched, and becomes 6 to 8 feet in height and as much across. Beginning in November and continuing through December and January, it bears spectacular quantities of big golden-yellow flowers at a time when it is difficult to get bright color in the garden. Its low, compact shape fits it into almost any sunny spot. Thrives in the face of severe ocean winds. Full sun. Gal. tins, 65c; 5-gal. tins, \$1.85.

**Cassia artemesoides.** S30. "Feathery Cassia." 8 ft. 15°. Finely cut silvery-gray foliage and clear yellow, sweet scented flowers; needs little water, likes plenty of sunshine, thriving in Arizona and other desert sections, as well as near the coast. Full sun. Gal. tins, 60c; 5-gal. tins, \$1.75.

Sprays of the waxy, pink blooms of Geraldton Wax Flower make ideal flower arrangements, keeping for days.



## Trinidad Flame Bush

**Calliandra guildingi.** S23. "Trinidad Flame Bush." 8 ft. 15°. The large heads of vivid scarlet stamens, 3 inches long, each head shaped like a pompon, which cover the plant like a sheet of fire in the spring and summer, make this a sparklingly vivid and colorful plant. Its feathery, fern-like foliage is handsome the year around and makes a beautiful background for the brilliant flowers. Comes from Trinidad. See colored illustration on page 35. Full sun. Gal. tins, 85c; 5-gal. tins, \$2.25.

## Cascades of Crimson

**Callistemon viminalis.** S27. "Scarlet Bottle Brush." 15 ft. 15°. No plant will provide a magnificent show of brilliant scarlet color more easily than this tall, slender, semi-weeping, rapid growing shrub which covers itself in the spring with great masses of cascading scarlet blooms, 4 inches long. Grows easily anywhere, and you'll get plenty of spectacular color for your money. Full sun. Gal. tins, 65c; 5-gal. tins, \$1.85.

## True Tea Plant

**Camellia sinensis.** (Thea.) S27A. "Tea Plant." 4-6 ft. This is the true Tea Plant, grown in Ceylon and China. You can use those "tender young leaves of the Tea Plant" to make your own tea if you wish. Those same leaves become 5 inches long when mature and are very beautiful, especially when they furnish a background for the large, fragrant, 1½-inch white flowers like single white camellias. Grows easily in California and is a most attractive ornamental. Part-shade. Plenty of water. Gal. tins, \$1.10; 5-gal. tins, \$2.75.

**Carissa grandiflora.** FS1. "Natal Plum." Beautiful ornamental fruiting shrub. See page 6. Gal. tins, 75c; 5-gal. tins, \$2.00.

## California Lilacs

In the springtime the California foothills are glorious to behold because the landscape is massed with the delicate blue flowers of the California Lilac and the air is scented with their sweet perfume. They grow rapidly in the garden, and thrive anywhere in well-drained soil. Full sun.

**Ceanothus cyaneus.** S32. "Lakeside Wild Lilac." 6-10 ft. 12°. The most prized of the Wild Lilacs, with 6-inch spikes of the richest, most beautiful, deep indigo-blue flowers imaginable covering the plant from May to late fall. One of the showiest of all native California shrubs. After it is once established, be sparing with irrigation. A short-lived plant unless grafted. All Armstrong plants are grafted. It makes a big difference. Gal. tins, \$1.25; 5-gal. tins, \$2.50.

**Ceanothus thyrsiflorus griseus.** S36. "Deep Blue Wild Lilac." 6 ft. 10°. We consider this to be one of the very finest varieties of the California Wild Lilac because of the magnificent deep blue color of the fragrant flowers, almost as intense as Lakeside Lilac, and its medium size. An easy to grow variety and a never-failing source of delightful spring color. Gal. tins, 85c; 5-gal. tins, \$2.

## Carpet of Blue

**Ceanothus gloriosus.** S33. "Point Reyes Ceanothus." A low, dense, spreading mat of glossy evergreen foliage, never becoming more than 6 or 8 inches high but covering the ground for as much as 6 or 8 feet. It covers itself in late spring with masses of rich, bright, blue-lavender flowers (on red stems), fragrant and lovely in coloring. Does best in partial shade with occasional watering, but along the coast and in most northern areas it will grow well in full sun. Gal. tins, \$1.10.

## Here is a Find

**Ceanothus papillosus roweanus.** S34. 2-3 ft. 18°. The only reason most people do not have this marvelously beautiful new dwarf Ceanothus in their gardens is because they have never seen it. Has been popularized by the Santa Barbara Botanic Garden. Intense blue flowers cover the plant profusely in February, March or April, and its lovely, compact, glossy foliage is beautiful at all times, unlike many native Lilacs. Being dwarf, seldom exceeding 3 feet in height, you can find room for it almost anywhere. Only a few plants available. Gal. tins, \$1.35.

**Ceanothus impressus.** S33A. 4-6 ft. 12°. A dense, compact plant with good looking foliage, and thickly-set little flower spikes covering every branch and making the entire plant a mammoth bouquet of deep blue in the garden. Most Wild Lilacs do not keep when cut, but this one does. Prefers light sandy soil. Full sun. Gal. tins, \$1.00.

## A Spot of Blue

**Ceratostigma willmottianum.** S-38. "Chinese Plumbago." 3-4 ft. 10°. One of the finest blue flowering garden shrubs, of medium size. From June to December the handsome plant is covered with great masses of the deepest, richest, most brilliant shade of blue imaginable. It grows with the greatest of ease anywhere in sun or shade and in any type of soil, never failing in its bounteous crop of flowers. In colder sections it drops its leaves, but it should be pruned back once a year anyway wherever planted. Gal. tins, 65c; 5-gal. tins, \$1.85.

## Night Blooming

**Cestrum parqui.** S40. "Night Blooming Jessamine." 5 ft. 21°. Just a good-looking, inconspicuous evergreen shrub in the daytime, but making itself known in the darkness by the ravishing fragrance from its small greenish-white flowers—a fragrance of musk mingled with heliotrope. Flowering branches placed in a room will emit perfume during the entire night but no longer. The pearl-white berries make splendid indoor decorations. Full sun. Gal. tins, 60c; 5-gal. tins, \$1.75.

**Cestrum aurantiacum.** S39. "Orange Cestrum." 8-12 ft. 22°. Large, bright, handsome, 4-inch leaves on a tall, slender, gracefully arching plant, producing at the end of every branch clusters of long, tubular, bright orange-colored flowers, deliciously fragrant. Very large, white berries as big as a small marble follow the flowers, and flowers, foliage and berries are splendid decorations in the garden and on the table. Full sun or part shade. Gal. tins, 65c.

## Mexican Orange

**Choisya ternata.** S46. "Mexican Orange." 5 ft. 15°. A dense, globular shrub, with bright, glossy green foliage profusely covered in spring with showy-white, sweetly scented blooms resembling orange blossoms. Hardy anywhere in Southern California. Sun or part shade. Gal. tins, 75c; 5-gal. tins, \$2.00; balled, 18-24 in., \$2.25.

## Flame Pea

**Chorizema varium.** S48. "Flame Pea." 2 ft. 20°. A low, dense mound of glossy, holly-like leaves on slender, drooping branches, covered with great quantities of brilliant, little, pea-like flowers, bright orange-red and reddish purple in color, borne throughout the winter and spring. For a spot of really brilliant color in your garden you will find nothing better than this easily grown shrub. Sun or semi-shade. Gal. tins, 65c; 5-gal. tins, \$1.75.

## Geraldton Wax Flower

Illustrated in color on page 34.

**Chamaelucium ciliatum.** "Geraldton Wax Flower." 6 ft. 22°. This magnificent Western Australian shrub has proved to be the most popular and successful new shrub introduced into Southern California in the past ten years. It has attractive heath-like foliage, a graceful open habit and sprays of lovely little waxy blooms which range in color from white to various shades of pink and light lavender-red. The blooms have a little waxy cup in the center which is green when it first opens, soon changing to rich maroon. The flowers start to open in January and never stop until the middle of April when the oldest blooms are still beautiful. One of the finest of cut flowers because the sprays keep for days when taken into the house, and are very dainty and graceful in bowl arrangements. Prune back quite severely after the blooming season. Chamaeluciums prefer an open sunny position and will grow in any soil but probably do best in a light soil kept fairly dry. The following exclusive Armstrong varieties have been selected from hundreds of fine seedlings as being superior to other types, and you'll find them immensely better than ordinary plants on the market elsewhere.

**Chamaelucium Blush White.** S41. This is a very fine, large flowered, heavy blooming variety. Almost white, with just a blush of pinkish lavender to give it effective color. Gal. tins, 85c; 5-gal. tins, \$2.00.

**Chamaelucium Cameo Pink.** S42. Slightly smaller flowers in a much more pronounced shade of dainty pink tinged with lavender. A very profuse bloomer, with upright sprays unsurpassed for cutting. Gal. tins, \$1.10; 5-gal. tins, \$2.50.

**Chamaelucium Cameo Rose.** S43. The richest in color, deep rosy lavender. Blooms very freely. Gal. tins, \$1.25; 5-gal. tins, \$2.75.

**Chamaelucium Dwarf Pink.** S44. An unusual large-flowered type in a deep shade of pinkish lavender. The plants are only about two-thirds the size of the others (4 ft.). 5-gal. tins, \$3.00.

## Red, White and Blue

**Cienfuegosia hakeaeifolia.** S49. "Desert Rose." 4-8 ft. 18°. This is the only plant we know of that displays our national colors all in one flower. The big, bell-shaped blooms, 1½ to 2 inches across, have a cerise-red throat, then a band of white, while the rest of the flower is rich lavender-blue. The plant is fast-growing, with needle-like foliage, and starts to wave the colors in April, continuing to produce the showy blooms until the middle of summer. Grows easily anywhere in full sun. Gal. tins, 75c.



At the left, the showy flowers of *Chorizema*, orange-red and reddish-purple in color. One of the most useful of low flowering shrubs. Flowers shown here natural size.

The plant of *Cistus corbariensis*, shown at the right, is about 3 feet high and 4 feet across, and those white flowers are 2 inches across. It's hard to beat for all year around beauty.

## The Rockroses

Rockroses are exceedingly valuable evergreen shrubs for California because they grow so well in dry soils, like plenty of sunshine, are hardy alike to heat and cold, and because of the sheer beauty of the flowers and the great profusion of bloom. The plants require almost no pruning. Be sure that they get plenty of sunshine and not too much water. The blooming season lasts for many weeks in spring and early summer.

**Cistus corbariensis.** S50. "White Rockrose." 3 ft. 10°. A low bank of sage-green foliage studded with 2-inch white flowers. A plant that stands dry soil, sea sprays or hot sun, always looks fresh and luxuriant and is never-failing with its many beautiful blooms which appear for many weeks in spring and early summer. Grows well almost anywhere, and we find it to be one of the most useful plants in California gardens because of its all-year foliage, small size and long blooming period. See illustration below. Gal. tins, 65c; 5-gal. tins, \$2.

**Cistus cypricus.** S51. "Brown-eyed Rockrose." 3 ft. 10°. Pure white flowers, 3 inches across, with golden stamens in the center and a spot of maroon-crimson like a drop of blood at the base of each petal. Gal. tins, 65c.

**Cistus ladaniferus maculatus.** S52. "Crimson Spot Rockrose." 6 ft. 10°. The flowers resemble the Brown-eyed Rockrose, but everything about the plant is larger, the 3-inch flowers, the foliage and the plant itself. Provides great quantities of its lovely big blooms every season. 5-gal. tins, \$1.85.

**Cistus purpureus.** S53. "Orchid Rockrose." 10°. It makes a compact, handsome plant, 4 feet high and 6 feet across, covered with lovely flowers 3 to 4 inches across, rich rosy-pink in color (it might be called "old rose"), with a deep mahogany or maroon spot at the base of each petal, and with a center of yellow stamens. It is certainly the most colorful of all the Rockroses and a most satisfactory plant for a dry spot in full sun. Gal. tins, 65c; 5-gal. tins, \$1.75.

## Polished Coprosma

**Coprosma baueri.** S55B. 3-5 ft. One of the most popular foliage plants in California, with its thick masses of big, shining, varnished leaves. Sun or shade. Gal. tins, 50c.

## New Red Correa

**Correa harrisi.** S60. "Red Correa." 1-2 ft. 22°. Startling new Correa, with bell-shaped flowers an inch or more in length in a bright shade of orange-scarlet. It's new, it's rare and it's a beauty. Plants very scarce yet. Gal. tins, \$1.50.



Orchid Rockrose. "Old Rose" color, maroon-spotted.

## Breath of Heaven

**Coleonema album.** S56. (*Diosma alba*). "White Breath of Heaven." 4-8 ft. 20°. This popular shrub with its sweet-scented, heath-like foliage and its literally thousands of little star-like white flowers in late winter and spring is a great favorite. If the foliage is rubbed, a most entrancing aromatic fragrance is released. Full sun. Gal. tins, 50c; 5-gal. tins, \$1.50.

**Coleonema pulchrum.** S57. "Pink Breath of Heaven." 3-5 ft. 20°. The plant is very much like the White Breath of Heaven above and it has the same sweet-scented foliage, but it grows a little more compact, low and bushy, and the flowers are bright pink instead of white. Full sun. Gal. tins, 50c; 5-gal. tins, \$1.60.

## Pink Australian Fuchsia

**Correa pulchella.** S61. "Australian Fuchsia." 1½ ft. 22°. This is one of the finest foreground shrubs for California gardens. It stays small, only about 18 inches high, and makes a dense mass of foliage which may spread out for 4 or 5 feet. The little, waxy, bell-shaped flowers are a beautiful soft pink, and are borne in the winter from November to April. Extreme heat does not bother it, and it rather likes dry soil. A fine shrub to plant in front of Chamaeluciums offered at left. Sun or shade. See illustration on page 34. Gal. tins, 85c; 5-gal. tins, \$2.00.

**Correa alba.** S59. "White Correa." 4 ft. 20°. More upright than the above, becoming about 4 feet high and as much across, with handsome silvery grey foliage. Hanging all over it in the summertime are many little bell-shaped white flowers about a half inch long. It will do well in any soil. The hottest sun does not bother it. Gal. tins, 65c.



# Armstrong Flowering Shrubs

## Berried Cotoneasters

Indispensable in California gardens are the Cotoneasters, which are splendid foliage plants, but their most valuable characteristic is the quantity of cheerfully colored red berries that brighten the bushes in autumn and winter and which are excellent cut material for bowl arrangements in the house at the holiday season or any other time. Hardy and fast growing anywhere. They all like a sunny position. We grow five excellent kinds to fit almost any position in the garden from the low, spreading Cranberry Cotoneaster up to the tall, large, Silverleaf Cotoneaster.

**Cotoneaster apiculata.** S62. "Cranberry Cotoneaster." 2-4 ft. Zero. A very fine spreading, semi-prostrate variety with the biggest, reddest berries you ever saw on a plant of this kind, almost as large as cranberries. Very handsome foliage as well, and it thrives easily any place. Full sun. Gal. tins, 75c.

**C. conspicua decora.** S63. "Necklace Cotoneaster." 3-4 ft. 10°. Taller than the above low kind but still a low, spreading shrub, with arching branches which are always handsome throughout the year, particularly so in April when every branch is strung with little white flowers like sparkling gems and just as attractive in the fall and winter, when those flowers have turned to bright red berries. Gal. tins, 65c; 5-gal. tins, \$1.85.

**C. horizontalis.** S64. "Rock Cotoneaster." 2 ft. Zero. A prostrate, half deciduous shrub, its angular branches hugging the ground. In the autumn it has spray upon spray of glowing crimson berries, which, combined with its deep red leaves, are a beautiful sight (red in fall only). Gal. tins, 60c.

**C. lactea.** S65. (*C. parnaysi*). "Parnays Red Clusterberry." 5-6 ft. 10°. This is the best of the larger growing Cotoneasters because of its large, luxuriant evergreen foliage, which is dense and luxuriant throughout the entire year and because of the enormous clusters of brilliant red berries. It does not overgrow like so many of the larger growing Cotoneasters, seldom exceeding 6 feet in height, and is well foliated right down to the ground, showing no bare stems. Gal. tins, 50c; 5-gal. tins, \$1.60.

**C. pannosa.** "Silverleaf Cotoneaster." 8 ft. 15°. One of the best known and most widely planted Cotoneasters. The leaves are a soft gray-green, silvery underneath. White flowers in spring, followed by great masses of silvery red berries, remaining all fall and winter. A splendid desert shrub but equally good on the coast. Gal. tins, 45c.

## Orange-Red Broom

**Cytisus Pomona.** S79B. 6 ft. 10°. A showy hybrid Broom, its arching branches so covered with orange-apricot sweetpea-like blooms in the spring that you cannot see the stems. Best on the coast from Santa Barbara north. Full sun. Plenty of moisture. Gal. tins, 65c.

## The Glorybower

**Clerodendron bungei.** S54. "Rose Glorybower." 3-5 ft. 20°. Almost anywhere in California you can enjoy this easily grown plant, because it is perfectly hardy, and although it may freeze down to the ground in cold sections in winter, it grows right up again to 4 feet in the course of a few weeks and starts producing again, over its big heart-shaped leaves, quantities of big rosy-red hydrangea-like flower heads, 8 inches across. Deliciously fragrant. It will grow almost any place, but prefers a cool, semi-shady location. Gal. tins, 65c; 5-gal. tins, \$1.85.

**Clerodendron myricoides.** S54A. "Blue Glorybower." 6 ft. 20°. A handsome new shrub from East Africa which we have admired greatly in our test gardens. It's rather tall and slender, with luxuriant all-year foliage, covered in late summer and fall with beautiful little purple and blue 1½-inch flowers. They look like dainty little blue orchids, and the sprays are splendid for cutting. We believe you'll like this in your garden. Full sun or light shade. Gal. tins, \$1.00.

## Fragrant Coronilla

**Coronilla glauca.** S58. "Honey Coronilla." 3 ft. 15°. Bushy, little, gray-foliaged plant, smothered with quantities of small, peach-shaped, brilliant yellow blooms in late winter. Extremely fragrant, particularly at night. It grows with the greatest of ease almost anywhere in California. A much better source of yellow color than most of the Brooms. Sun or half-shade. Gal. tins, 60c; 5-gal. tins, \$1.60.

## The Fragrant Daphne

**Daphne odora.** S81. "White Daphne." 2-3 ft. 10°. This is just about the most powerfully fragrant plant in the world, and it is difficult to realize that one small plant can radiate such an intense, delightful and deliciously sweet perfume. In the garden you can inhale it many yards away, and one little sprig of blooms will perfume the entire room when cut. The small flower heads of creamy white are borne profusely all over the plant throughout the winter. The handsome plant with its shiny green foliage does best in partial shade with plenty of moisture but good drainage. Gal. tins, \$1.25; 5-gal. tins, \$3.00; balled, 18-24 in., \$3.25.

**Daphne odora Yellowedge.** S83. "Gold-edged Daphne." 2-3 ft. 10°. Leaves margined with gold, the flowers are pink. Gal. tins, \$1.25; 5-gal. tins, \$3.00; balled, 18-24 in., \$4.00; 24-30 in., \$5.00.

**Daphne odora Rose Queen.** S82. "Large Pink-Flowered Daphne." 3-4 ft. 10°. A beautiful strain with plain green leaves and deep pink flowers a little larger than the other varieties. The leaves are bigger, the plant is larger and it grows faster. Gal. tins, \$1.50; 5-gal. tins, \$3.00.



The big red berries of Parnays Red Clusterberry (*Cotoneaster lactea*) cover the plant at Christmas-time and for many weeks before and after Christmas. Multiply this picture by three times and you get an idea of what the approximate size will be. It never fails to berry, and the birds do not eat them.

## Canary-Bird Flower

See colored illustration on back cover. **Crotalaria agatiflora.** S74. "Canary-Bird Flower." 6-10 ft. 25°. When you get this unusual fast growing shrub from the mountain slopes of East Africa in bloom in your garden it will be the most striking and most spectacular object there. It has luxuriant tropical-appearing leaves and racemes of large, 3-inch green and gold flowers in sprays as much as 3 feet long. The boughs look as though they were full of gorgeous canary birds, and cut, make splendid table decorations. Sun, plenty of moisture. Gal. tins, \$1.25; 5-gal. tins, \$2.75.

Flowers of Rosy Christmas Heather



A flower cluster of the new Daphne, Rose Queen. Exceedingly fragrant.





The flower heads on *Clerodendron bungei* are 8 inches across, sweetly fragrant.

## Garden Orchids

**Cymbidiums.** We have all been asleep here in California for years in not realizing that we can grow some of the most beautiful hardy Orchids outdoors in our gardens with ease. Part of our indifference has been due to the fact that the plants have not been available until recently. The Cymbidiums, a bloom of which is illustrated on this page, make clumps of grassy foliage, 2 to 4 feet high, and in the winter and early spring carry great sprays, from 1 to 3 feet long, of the most beautiful Orchids imaginable in a wide range of colors. As many as 40 blossoms may be found on a single spray, while 10 to 20 sprays are not uncommon for a mature plant.

Cymbidiums will grow well along the coast from San Diego to San Luis Obispo and in all inland valleys except the hottest desert valleys. They like a location where they have light shade or are protected from the hottest sun during the day. While they like a fibrous soil with plenty of coarse leaf mold or peat moss mixed in, they must have good drainage. They thrive under Oaks, Sycamores and other trees readily and will stand minimum temperatures down to 20°. Once established the plants are permanent. They come in many lovely shades of amber bronze, luminous green, chartreuse, pink and claret. **Strong clumps: \$5.00, \$7.50, \$10.00, \$12.50, \$15.00 and on up to \$50.00 each. The sizes priced at \$10.00 or less usually will not have flower sprays this season, but many of the larger clumps will bloom during the current winter blooming season. See them in bloom from January to April in our Display Yards and pick out the one you like. In most sizes we can usually supply plants in shades of bronze, creamy yellow, or pink. The other colors must usually be selected while in bloom.**

## Ground-Orchids

(See illustration in color on page 42.) **Epidendrum o'brienianum.** S88. "Ever-blooming Ground-Orchid." 5-6 feet. A semi-reclining, leafy plant, sending up leafy stems from 3 to 6 feet tall on which are borne big clusters of brilliantly colored, bright scarlet flowers, the lip shaded with orange-yellow. They are magnificent for cutting and you can easily have such flowers if you live in Southern California where the temperature does not go below 25°. Once established, the plants will provide blooms almost every day in the year and will grow into large clumps. Full sun along coast, semi-shade elsewhere. 6-inch pots, \$1.50; 5-gal. tins, \$3.50.

**Epidendrum radicans.** S89. "Orange Ground Orchid." 4-5 ft. A slightly smaller plant than the above but with even more and brighter blooms. Its 1-inch flowers are a brilliant cinnamon-red approaching orange. 3-inch pots, \$1.50.

**Bletilla hyacinthina.** P9. "Terrestrial Orchid." 20". Another delightful, easily grown outdoor Orchid, with grassy foliage 1 to 2 feet high, bearing in spring months a profusion of 1½-inch lavender-pink flowers with orchid and purple markings, splendid for cut flowers. Full sun along coast, semi-shade elsewhere. Gal. tins, 90c.

## Irish Heath

**Daboecia cantabrica alba.** S80. "White Bell Irish Heath." 2 ft. 10°. Right from the green sod of old Ireland comes this beautiful little Heath, which makes a beautiful low mound of dark shining green leaves, covered in summer with beautiful nodding white bell-shaped flowers, ½-inch across. It does better in California than most of the South African Heathers. Sun or semi-shade. Use plenty of leaf mold or peat moss and plenty of water. Gal. tins, 60c.

## Dwarf Duranta

**Duranta stenostachys.** S85. "Brazil Sky-flower." 4-6 ft. 24°. If you want a lovely foliaged, graceful arching plant about 5 feet high and as much across in a sunny or half-shady spot in your garden, bearing beautiful little 4 to 6-inch sprays of lovely lilac-purple blooms, each one a half inch across, borne almost all summer long and sometimes in other seasons, search no farther, here it is. Do not confuse this with the old tall, weedy, thorny *Duranta plumieri*. One of the finest of small garden shrubs in habit, foliage and flower. Gal. tins, 90c; 5-gal. tins, \$2.00.

## Brilliant Purple

**Dyschoriste thunbergiflora.** S86. 3 ft. 24°. A little handsomely foliaged shrub which is fine for leaning against wall or fence in a sunny or half-shady spot with plenty of moisture. The trumpet-shaped blooms, 3 inches long, are rich violet-blue with deeper purple markings in the throat, such an intense color that you can hardly believe them real. Best near coast or in mild-wintered areas. Gal. tins, 85c.

## Silverberry

**Elaeagnus Fruitland.** S87. "Fruitland Silverberry." 8 ft. 10°. A large spreading shrub with 4-inch leaves and stems covered with frosty shiny scales. Even the great silver-bronze berries look as though they had been gilded. Thrives anywhere, even in the ocean spray. Sun or part shade. Gal. tins, 75c; 5-gal. tins, \$2.00.

**Elaeagnus pungens maculata.** S87A. Similar to the above but with foliage variegated gold and silver. Gal. tins, 60c; 5-gal. tins, \$1.75.

## Heathers

**Erica blanda.** S91. "Red Everblooming Heather." 3 ft. 15°. Low, rounded, it bears clusters of tubular red flowers throughout the entire year. What other flowering shrub will do more? Full sun. Gal. tins, 65c.

**E. canaliculata rosea.** S92. (*E. melanthera rosea*). "Rosy Christmas Heather." 6 ft. 15°. This is the best known and most popular of all the Heathers in California, and certainly it is one of the most beautiful of winter flowering shrubs. From November to March the plants are a solid mass of small rosy-lavender flowers dotted with black stamens. It is sometimes called "Scotch Heather" but it never saw Scotland, being a native of South Africa, and is much showier and brighter than the real article. Full sun, good drainage. Gal. tins, 60c; 5-gal. tins, \$2.00; balled, 2-3 ft., \$2.00; 3-4 ft., \$2.25.

**Erica cruenta.** S94. "Dwarf Scarlet Heather." 3 ft. 18°. Bushy, low grower, lighted up all through the late summer, the fall and early winter months with 6 to 8 inch spikes of slender, tubular flowers in a showy shade of flame-red. Gal. tins, 90c.

**E. lusitanica.** S95. "Spanish Heather." 4 ft. 18°. So covered with snowy-white flowers in late winter that it looks like a young snowdrift. Gal. tins, 60c.

**E. mediterranea.** S96. "Biscay Heath." 4 ft. 5°. Compact and bushy, with stiff stems and purplish-pink flowers from Mar. to June. Hardy anywhere. Gal. tins, 65c; 5-gal. tins or balled, \$1.85.

**E. John McLaren.** S95A. 2-3 ft. 15°. It bears magnificent 6-inch spikes of brilliant rose-pink flowers splendid for cutting. Best along coast. Gal. tins, 75c.

**E. melanthera rubra.** S97. "Fall Blooming Heather." 3-4 ft. 15°. Similar to the Christmas Heather, but a low growing plant, deeper colored, rosy red flowers, and a much earlier blooming period, from Oct. to Dec. Gal. tins, 75c; 5-gal. tins, \$2.



Flowers of Cymbidium, reduced one-third. As many as 40 on a 3-foot spray. Many beautiful colors.

## African Daisy Bush

**Euryops athenasica.** S103. "South African Daisy Bush." 4 ft. 18°. On the tall slender evergreen plants are borne large quantities of big, daisy-like bright yellow flowers, 3 inches across, borne on 12-inch stems. The flowers appear in the greatest profusion in the middle of winter, giving plenty of January color. Plants somewhat awkward in appearance but well worth having in the garden for their value as winter cut flowers alone. Full sun. Gal. tins, 75c.

See *Euryops pectinatus* on the next page.

Flowers of African Daisy Bush



# Colorful Armstrong Shrubs



Gardenia Mystery, Armstrong Strain (One-half Natural Size).

## Evergreen Euonymus

**Euonymus japonicus.** S100. "Evergreen Euonymus." Euonymus has long been a most useful foliage ornamental in the West and South, standing heat and cold, easily grown anywhere, and always with a dense, glossy, handsome foliage. Often used as trimmed specimen plants and makes splendid hedges which can be pruned to any desired height. Gal. tins, 50c; balled, 18-24 in., \$2.00; trimmed pyramids, 30-36 in., \$3.00. We also have the **Giltedge (S100A)** in gal. tins, 50c, and the **Gold-spot (S101)** in gal. tins, 50c; balled, 18-24 in., \$2.00; 2-3 ft., \$2.50. **Euonymus fortunei radicans.** G5. "Red Winter Creeper." Zero. One of the finest spreading, creeping foliage plants for a ground cover. See page 39. Flats of 100 plants, \$5.00.

## Like Frosted Coral

**Eupatorium vernale.** S102. "Coral Eupatorium." 4-5 ft. 24°. Just visualize a handsomely foliaged 4 ft. plant, glossy and bright green right down to the ground, carrying at the end of every branch from January to April, 5 or 6-inch heads of small, flesh-pink blooms, soft and feathery, like a dainty piece of pink coral. Blooms first winter after planting. Prune severely after each blooming period. Gal. tins, 60c.

## Poinsettias

**Euphorbia pulcherrima.** S77. "Poinsettia." The well known scarlet "Christmas Flower" so popular for sunny positions in milder situations. Gal. tins, 65c.

**Euphorbia Henriette Ecke.** S78. "Double Poinsettia." 28". The big, brilliant red flowers, enormous in size, are semi-double, with extra petals in the center. Very unusual and spectacular, it is about halfway between the improved, very double form below and the ordinary single type listed above. They are all beautiful, and if you like the simpler forms, this one will appeal to you most. Gal. tins, 75c; 5-gal. tins, \$2.00.

**Euphorbia Henriette Ecke Improved.** S79. "Giant Peony-Flowered Poinsettia." 28". Here is the most spectacular of all Poinsettias, with an enormous, brilliant red flower, fully double like a peony. Until you have seen those gigantic, spectacular flowers which get to be 9, 10 or even 12 inches across, you've no idea how magnificent they are. Plants are scarce. Always plant Poinsettias in full sun in a warm spot. Gal. tins, \$1.00 each; 5-gal. tins, \$2.75.

## Silver and Gold

**Euryops pectinatus.** S104. "Silver and Gold Bush." 2-3 ft. 18°. Where the above variety is tall and slender, this is beautifully rounded and compact, with handsome silvery gray leaves 3 inches long, covered in late winter and spring with beautiful bright golden yellow, 1½-inch flowers on 6-inch stems. A beautiful low garden plant, furnishing a spot of brilliant color in a dry sunny spot. Gal. tins, 75c.

**Fragaria.** Wild Strawberry for ground cover. See page 39.

## A Botanical Miracle

**Fatsyhedera lizei.** S105. 6 ft. 5°. One of the rarest objects in nature, an artificial hybrid between plants of different genera, the giant leaved *Fatsia japonica* and the ordinary English Ivy (*Hedera*). Makes a plant halfway between the two with extremely handsome deep green glossy foliage. Splendid for training flat against or over a wall. Its large, glossy, 6-inch leaves make a cool green covering in no time. Sun or shade. Gal. tins, 65c; 5-gal. tins, \$2.00; espalier, 5-gal. tins, \$2.50.

## Golden Fremontia

**Fremontia mexicana.** S106. "San Diego Fremontia." 10 ft. 5°. A splendid large native flowering shrub with small, fig-like, gray-green leaves and a marvelous profusion of coppery, orange-yellow flowers, 2 to 3 inches across, in the late winter and spring. Full sun, good drainage and not too much water. Gal. tins, \$1.25.

## Freeblooming Fuchsias

There is no other shade-loving shrub that will bloom so profusely and with so much color over such a long season as the Fuchsia. They like a cool, moist situation, shady, thriving anywhere in California. 18°. Price on all Fuchsias: gal. tins, 75c.

## Our Largest Flowering Fuchsias

**Gypsy Queen.** ST14. Double giant with rose-pink petals and flame colored sepals. 4-5 ft.

**Aviator.** ST11. Single, pure white, with long, rose-red sepals curving outward like wings. 2-4 ft.

**Pride of Orion.** ST17. Immense double flowers, with pure white petals, brilliant scarlet sepals. Our best white. 4-5 ft.

## Tubular-Flowered Fuchsias

**Corymbiflora.** ST13. Spectacular, 4-inch, crimson, tubular flowers in big clusters. 4-8 ft.

**Souv. de Henry Henkel.** ST18. Long, tubular, scarlet flowers and plum-colored foliage. 2-4 ft.

**Our Best Hanging Basket Fuchsias**  
**Cascade.** ST12. Almost 4 inches long. Coral-rose sepals, bright rose petals. 1-2 ft.

**Marinka.** ST15A. Single. Brilliant shades of red. 2-4 ft.

**Aurora superba.** ST10. Single, orange-salmon. 2-4 ft.

**Our Best Low-Growing Fuchsias**  
**Little Beauty.** ST15. Single, purple petals, red sepals. The most compact plant and the heaviest bloomer. 1-2 ft.  
**Mauve Beauty.** ST15B. Double, lavender petals, red sepals. 2 ft.

**Pasteur.** ST16. Double, white petals, scarlet sepals. 1-2 ft.

## From a Lonely Isle

**Galvesia speciosa.** S108. "San Clemente Snapdragon." 3 ft. 20°. From the channel island of San Clemente off the California coast comes this handsome plant which performs the almost unbelievable feat of producing lovely, carmine-red, snapdragon-like flowers, 1½ inches long, throughout the entire year. A low, arching, spreading mound of handsome foliage, 3 feet high and 4 feet or more across, and you will find that there will be seldom a day during the year when you cannot find beautiful blooms on it. Grows easily almost anywhere. Full sun or semi-shade. Gal. tins, \$1.00.

## Swirling Snow

**Genista monosperma pendula.** S112. **Bridal Veil Broom.**" 10 ft. 10°. Tall and slender, with drooping greyish branchlets, completely clothed in the spring with a dense shower of dainty, little, pure white, fragrant flowers like swirling snow. Full sun. Gal. tins, 60c; 5-gal. tins, \$1.75.

## Australian Grevilleas

**Grevillea banksii.** S113. 8 ft. 20°. Dense fern-like foliage and large, comb-like deep crimson flowers 4 inches long. It blooms almost every month in the year. Sun or part shade. Gal. tins, 65c; 5-gal. tins, \$1.85.

When ordering, please include on your order sheet, both the name of the variety wanted and the code number (the code number is given in each description directly after the botanical name).

## The Fragrant Escallonias

The Escallonias are particularly fine shrubs for the seacoast, since they like the salt air and their splendid foliage is particularly luxuriant under coast conditions. Their sweetly fragrant spikes of delicately colored flowers appear over most of the year. They like plenty of water, and grow in full sun or part shade. Minimum temperature about 15°.

**Escallonia viscosa Apple Blossom.** S99. "Apple Blossom Escallonia." 5 ft. 15°. Dainty bluish-pink; very free-blooming. Gal. tins, 65c; 5-gal. tins, \$1.85.

**Escallonia Eric Walther.** S99A. 6-8 ft. 15°. A hybrid from Golden Gate Park in San Francisco. One of the most beautiful pink Escallonias ever seen. Large, glossy, dark rich green foliage with big flower clusters of deep clear pink flowers borne in great profusion. Gal. tins, 75c.

## Brilliant Winter Blue

**Eranthemum nervosum.** S90. "Blue Winter Eranthemum." 4 ft. 24°. We are always very much pleased when we can recommend a good, small, blue flowering shrub because they are scarce, especially one which has such luxuriant looking all-year foliage. This plant from tropical India bears many large clusters of the most brilliant blue flowers throughout the late winter and spring. Prefers a shady position with plenty of moisture but is not particular and will do as well in the sun, if not allowed to become too dry. Gal. tins, 65c.

## The Useful Eugenias

**Eugenia paniculata australis.** ST6. (*E. myrtifolia*.) "Austrian Brush Cherry." 22". If unpruned, this splendid foliage plant will attain 12 or 15 feet in height, but is usually grown as a trained pillar or pyramid to any desired height, or as a hedge, and for either use it is exceedingly lovely because of its clean, glossy, Myrtle-like foliage which takes on a cheerful bronze tint in the new growth. The big purple berries make excellent jelly too if there is any left after the children get through eating them. (They won't hurt the children.) Gal. tins, 60c; 5-gal. tins, \$1.85.

**Eugenia hookeri.** ST5. (*E. paniculata*.) 8-12 ft. 25°. Similar to the above but with larger, darker foliage, more vigorous growth, and large, edible, violet-colored berries larger than Cherries. Gal. tins, 60c; 5-gal. tins, \$2.00.

**Eugenia smithi.** ST6A. (*Acmena smithi*.) "Lillipilli Tree." 15 ft. 18°. This unusual and rarely found Eugenia has beautiful shining bronzy-green foliage and is covered in the winter months with big drooping clusters of ½-inch berries, a lovely delicate lavender in color. Cut sprays of these berries make beautiful table decorations. The plant grows tall and slender, but not nearly so rapidly as the other commonly known Eugenias. Gal. tins, 75c; 5-gal. tins, \$2.00.

**Eugenia uniflora.** FS13. "Surinam Cherry." 6 ft. 20°. Handsome ornamental fruiting shrub. See page 6. Gal. tins, \$1.00; 5-gal. tins, \$2.50.

## It's Easy to Order by Mail

If not convenient to visit our Display Yards at Ontario or North Hollywood, just put your order in the mail and no matter where you live we'll get it to you by the safest and most economical means, whether it be truck, mail, express or freight. Evergreen shrubs in gallon tins (wt. 10 lbs. each) and in 5-gallon tins (wt. 50 lbs. each) are usually shipped by truck in Southern California, by express or freight elsewhere. See pages 40 and 41.

## Fragrant Gardenias

The Gardenia, or as it is often called, Cape Jasmine, is unequalled for its rich, sweet perfume, and its snow-white blooms are produced in continuous succession throughout the year. They are a little difficult to grow in the open where it is hot and dry, doing best in partial shade or in filtered sunlight, with good drainage and a slightly acid soil condition, best obtained by the liberal use of peat moss or leaf mold. Give the plants plenty of moisture but do not keep them too wet, and since they root near the surface, do not cultivate around them. They grow 2 to 4 feet high and are hardy down to 18°.

**Gardenia jasminoides "Mystery."** (Armstrong Strain.) S109. During the last several years this Gardenia has become the most popular variety in Southern California largely because it has the biggest, glossiest and most luxuriant foliage and also has the biggest and most spectacular blooms, the magnificent, fragrant, snowy white blossoms often measuring 4, 5 and even 6 inches across. It makes a big, vigorous plant quickly and opens all its buds perfectly into magnificent flowers. There are several strains of Gardenia sold under the name Mystery, and we feel that the Armstrong Mystery Gardenia is much superior to any other type, having larger, more perfect blooms, with bigger, glossier foliage and a robust habit. Gal. tins, 85c; 5-gal. tins, \$2.25; tubs, 18-24 in., \$3.50.

**Gardenia radicans.** S111. "Dwarf Gardenia." A dainty and interesting little Gardenia, much like Mystery but much smaller in every respect. Small glossy foliage and miniature blooms only 1½ inches across. Grows 12 to 18 inches high. 4-inch pots, 60c.

**Gardenia veitchii.** S110. The foliage is not nearly as good as Mystery, but it has the faculty of producing more blooms, though small ones, than any other Gardenia, and once established, provides great quantities of medium sized (2-inch), fragrant flowers. Gal. tins, 75c.

## Cheerful Sun-Roses

**Halimium ocymoides.** S117. "Spanish Sun-Rose." 3 ft. 10°. For many weeks in the spring and early summer this little rounded plant with gray-green foliage is a glorious mass of bright yellow flowers, each bloom with a maroon-red center. Plant it in a sunny spot where it will not get too much water and prune it back once a year after the flowering season. Grows easily anywhere. Gal. tins, 60c; 5-gal. tins, \$1.75.

**Halimium halimifolium.** S114A. "African Sun-Rose." 3-5 ft. 10°. One of the most handsome of light grey-foliaged shrubs. The plant, flowers and foliage all larger than the Spanish Sun-Rose above, while the flowers are a lighter primrose-yellow with maroon blotch. Full sun. Dry soil. Gal. tins, 60c; 5-gal. tins, \$1.75.

**Halimium lasianthum.** S115. "Portuguese Sun-Rose." 2 ft. 10°. Grows low and spreading, becoming about 4 feet across. Its soft downy gray foliage is beautiful at all times, and every morning in the spring and early summer, it is profusely covered with its brilliant canary-yellow flowers, blotched purple at the base. Wherever you live in California these plants are ideal for the sunniest, driest spots in your garden. Gal. tins, 60c.

**Halimium lasianthum concolor.** S115A. Just like the above, but the flowers are bright canary-yellow without the purple spots. If you prefer not to see spots, try this one. Gal. tins, 60c.

**Halimium libanotis.** S116. (H. rosmarinifolium.) "Rosemary Sun-Rose." 18 inches. 10°. Dainty little compact plant with fine, gray-green, rosemary-like foliage, covered for many weeks in spring with quantities of little ¾-inch pure white flowers. We like it very much because it stays small, gets quite compact, and grows with the greatest of ease almost anywhere. See illustration at right. Full sun. Gal. tins, 60c.

## Scarlet Hamelia

**Hamelia erecta.** ST20. "Scarlet Bush." 2 ft. 25°. The little, rounded compact, densely foliaged bush is covered in the late summer (and often at other seasons) with large heads of exceedingly brilliant scarlet flowers which look like Fuchsia blooms. In the fall and winter, to prolong the color effect, some of the leaves turn a brilliant scarlet. Even the young branches and leaf stalks are bright red. Full sun or part shade. Plenty of moisture. Gal. tins, 65c.

## Orange Ginger-Lily

**Hedychium gardnerianum.** S119. "Orange Indian Ginger-Lily." 4-5 ft. 18°. For something really startling in the way of exotic color and fragrance, try this surprising Ginger-Lily from India. The 8 to 12 inch flower spike is a complicated affair with long tubes of saffron-yellow, contrasted with extraordinarily long filaments which are orange, shading to orange-scarlet at the tip, exceedingly brilliant. And it has an intoxicating sweetness that fills the garden with fragrance (or the house if you want to cut them). It blooms with great freedom in spring and summer, and even when out of bloom the big, glossy leaves, 18 inches long and 6 inches across, are beautiful. Plenty of moisture. Sun or shade. Gal. tins, \$1.25; 5-gal. tins, \$2.50.

**Hedychium coronarium.** S118. "White Ginger-Lily." 6 ft. 22°. Similar to the above, but with exceedingly fragrant 3-inch white blooms, used by the natives in the South Sea Islands for their leis. And let us emphasize that fragrance again, for it is extremely powerful. Sun or shade. Likes plenty of moisture. Gal. tins, \$1.00; 5-gal. tins, \$2.25.

## Chinese Hat Plant

**Holmskioldia sanguinea.** S122. "Chinese Hat Plant." 8 ft. 22°. Planted in a warm, sunny spot, this unique plant will produce great long clusters of brick-red flower bracts during almost the entire year, even through the middle of winter when you can use it for Christmas decorations. The flowering branches, resembling clusters of the richest colored Bougainvilleas, keep well when cut and placed in the house. A beautiful thing when trained flat against building or wall facing south. It likes plenty of sunshine and plenty of water. One of the most colorful new ornamental shrubs for milder California. Gal. tins, 75c; 5-gal. tins, \$2.25.

## Hydrangeas

Everybody loves the big Old-Fashioned Hydrangea macrophylla described below, but you will enjoy these new hybrids with their richer, deeper colors as well. Part shade. 10°. Price on all varieties except Rouget de Lisle: Gal. tins, 65c; 5-gal. tins, \$1.85.

**America.** S123. A brilliant deep rose-pink.

**Avalanche.** S129. Immense, pure white.

**Matador.** S125. Deep rich rose-red.

**Triomphe.** S127. A very fine deep pink.

**Rouget de Lisle.** S126. Normally this is a rich shade of deep carmine, but we have treated the soil to make them bloom a deep rich blue. The flowers will always be that way if you keep the soil acid. Gal. tins, 90c; 5-gal. tins, \$2.25.

**Hydrangea macrophylla.** S124. (H. hortensis.) "Old-Fashioned Hydrangea." 5-8 ft. Long a favorite in California gardens, with its large bold foliage and immense heads of pink flowers, which turn blue in soils containing iron.

The plant of Rosemary Sun-Rose at the right is 18 inches high. Covered with little white flowers in early summer. Likes a dry, warm spot.



Orange Ginger-Lily (Yellow, Orange and Scarlet).

## Yunnan Sweetspire

**Itea yunnanensis.** S140. "Yunnan Sweetspire." 5 ft. 15°. From the mountains of Yunnan in China comes one of the finest all-year foliage plants that can be grown in California, the big, bronze tinted, bright green leaves having a polished surface which never dulls in any weather, even in the middle of winter. Long, fragrant, white catkins in spring. Full sun or part shade but requires plenty of moisture in the summertime. Gal. tins, 50c; 5-gal. tins, \$1.50.

**Itea ilicifolia.** S139. "Holly Leaf Sweetspire." 8 ft. 15°. The big, toothed, polished, deep green leaves look more like Holly than Holly itself, and you will never find anything better than its foliage to use for your Christmas decorations. One of the most magnificent foliage plants for any California garden. Sun or part shade along coast but only part shade inland. Gal. tins, 85c; 5-gal. tins, \$2.00.



# Armstrong Flowering Shrubs



The big coral-pink Hibiscus Agnes Galt.

## Take Your Price Reductions

Purchase 5 of one variety or 15 or more of the assorted plants on pages 23 to 62, inc. (no flats, divisions or 2 1/4-inch pots), and get the following reductions: 25c to 65c each, inc., deduct 5c per plant; 70c to \$1.75 each, inc., deduct 10c per plant; \$1.80 or more, each, deduct 25c per plant.

## Hollyhocks on Bushes

**Lavatera olbia. S148.** 15°. A fast-growing Mallow which has long been a favorite in English gardens and is rapidly becoming just as popular in California. It grows rapidly to about 6 feet and bears almost continuously good sized bright pink flowers like single Hollyhocks. We can safely recommend it for almost any soil and any location. Should be cut back each year during winter almost to the ground. Gal. tins, 65c; 5-gal. tins, \$1.75.

The flowers of Lavatera look like big pink hollyhocks and completely cover the 6-foot spreading bush.



## Gold Flower

**Hypericum moserianum. S130.** 2' ft. 10°. A popular low foreground shrub, covered with big, 2-inch golden yellow blooms in the spring. Gal. tins, 60c.  
**Hypericum patulum henryi. S131.** 4 ft. 10°. Similar to the above but the plant, foliage and flowers all larger. Sun or part-shade. Gal. tins, 60c.

## Chinese Hibiscus

Hibiscus are one of the showiest flowering shrubs for Southern California, with large glossy leaves and immense bright-colored flowers. They all like plenty of sunshine and moisture and are hardy down to about 28°. Given these conditions they grow easily and bloom during the entire year. All single unless noted.

### Standard Varieties

Gal. tins, 65c; 5-gal. tins, \$1.85.  
**Agnes Galt. SH1.** Immense-coral-pink.  
**Apricot. SH1A.** Apricot, shaded yellow.  
**Brilliant. SH2.** Immense brilliant Scarlet.  
**Double Red. SH5.** Rich dark crimson.

## Unusual Hibiscus

Gal. tins, 85c; 5-gal. tins, \$2.00.  
**Pure White. SH11.** Snowy white, no other shadings. Delightfully fragrant.  
**Sophisticate. SH12.** Big white petals, heavily blushed with deep pink. Very lovely coloring. Got its name because the rouge is in just the right shade and just the right amount. We'd call it a perfect job of makeup.  
**Sunshine. SH13.** Big flowers of golden yellow, paling toward the center, with a deep pink throat.

## Rare Hibiscus

Gal. tins, \$1.00; 5-gal. tins, \$2.50.  
**Butterfly. SH3.** A large, bronzy yellow flower with a rich red center. No tropical butterfly ever had richer colorings.  
**Double Yellow. SH6.** Beautiful, large many petalled flowers of clear yellow without other shadings.  
**Prince Takamatsu. SH10.** A very large and lovely red Hibiscus, almost 7 inches across. It is a glowing orange-scarlet, larger and with more orange in it than the variety Brilliant.

## The Newest Hibiscus

**Bronzino. SH2A.** Here is a magnificent new Hibiscus of Hawaiian origin, extraordinary in the richness of its color and the beauty of its form. The entire flower, which is almost 6 inches across, is a brilliant orange-bronze with a little tinge of red in the very center. The enormous petals overlap, forming a very full, large bloom, and the petals are ruffled like crepe paper, giving a most unusual effect. It's an exclusive Armstrong introduction, and you'll find it to be one of the most beautiful Hibiscus you have ever seen. Gal. tins, \$1.25; 5-gal. tins, \$3.00.  
**Fiery Furnace. SH7.** A new variety with an amazingly rich color scheme, glowing golden orange deepening toward the throat until it becomes flaming red in the center, from which protrudes the rich golden orange stamens. The petals are heavily ruffled and crinkled like thick crepe paper, giving a most unusual and delightful effect. Gal. tins, \$1.50.  
**Hippa Hula. SH9A.** Enormous 7-inch flowers, mostly a lovely shade of lilac-pink, changing to coppery tones at the outer edges of the petals and becoming almost white in the throat. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## The Biggest Holly Leaves

**Ilex altaclarensis wilsoni. S132.** "Broad Leaved Holly." 6-8 ft. 5°. The long, dark green 3-inch leaves are rich glossy and ideally shaped, and they are the biggest Holly leaves of any variety in our collection. Compact, beautifully filled in, it makes a magnificent shrub and the beautiful big red berries are on a par with the handsome foliage. Gal. tins, \$1.50; 5-gal. tins, \$3.50.

## English Hollies

**Ilex aquifolium fertilis. S133.** "Fertile English Holly." Ordinary English Hollies grown from seed will not all produce berries so we have grown these special grafted plants of a type bearing heavy crops of very large, red berries every year if planted in a location suitable for English Holly. Most of the plants already have berries on them in the larger sizes. Plant in shade or semi-shade in Southern California. Plenty of moisture. Gal. tins, \$1.25; 5-gal. tins, \$2.75; balled, 5-6 ft., \$10.00.

**Ilex aquifolium Silver Queen. S134.** "Silver-Edged English Holly." The foliage is beautifully variegated with silver and light green against the dark green. The beautiful red berries show up even better than on the dark foliage. Gal. tins \$1.00; balled, 2-2 1/2 ft., \$3.00.

**Ilex aquifolium. (Van Tol.) S137.** "Dutch Holly." A form of the English Holly bearing great big half-inch berries even when the plants are very small. You will not have to wait for berries on this one. Gal. tins, \$1.10; 5-gal. tins, \$2.75.

## Chinese Holly

**Ilex cornuta femina. S136.** "Fertile Chinese Holly." 6-10 ft. 5°. This is one of the very best Hollies for Southern California or anywhere in California because it is better adapted to warmer climates than the English Hollies and can be planted right out in the sun in the southern part of the State. Large, dark green, many toothed leaves forming a bushy, compact plant. These are cutting grown plants of a special heavy berry-producing type. Ordinary seedling Chinese Hollies will not usually produce berries profusely, but these we offer will not fail to bear. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 2-3 ft., \$3.75; 3-4 ft. \$5.00.

## Burford Holly

See Illustration in Color on Page 34.  
**Ilex cornuta burfordi. S135.** "Burford Holly." 6-10 ft. 5°. A particularly fine foliaged and heavily berried type of the Chinese Holly which does exceptionally well in California. The foliage is large so glossy that it looks as if it had been varnished, deep green in color. The plant bears plenty of big, bright red berries like those illustrated on page 34. While it makes a large shrub in time, it will not reach its ultimate height for a number of years. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 3-4 ft., \$5.00.

## Lantanas

**Lantanas. 22°.** These popular ever-blooming shrubs grow very rapidly and are a mass of bloom almost all the year. The dwarf varieties grow from 1 to 3 feet high and the tall varieties to 5 or 6 feet. All kinds: Gal. tins, 45c.  
**Orange-Red. S142.** Dwarf.  
**Pure White. S143.** Dwarf.  
**Clear Yellow. S144.** Dwarf.  
**Light Pink. S145.** Tall.  
**Orange-Red. S146.** Tall.  
**Pure White. S146A.** Tall.  
**Trailing Lantana. C13.** (L. sellowiana.) 22°. Much used for trailing over sunny banks and walls. A mass of lavender flowers during most of the year. Fast growing. Flats of 100 plants, \$3.00; gal. tins, 45c.





The sweet-scented Jasmine Grand Duke (natural size).

## Grand Duke Jasmine

*Jasminum sambac* Grand Duke. S141. 2-5 ft. 20°. A rare and beautiful, semi-reclining shrub with double 3-inch flowers of pure white with a powerful and refreshing sweet perfume. Quite hardy, but prefers some shade and blooms almost the year around. It is easier to grow than the Gardenia, while the flowers look like perfect many-petalled Gardenias and exceed those fragrant flowers in the intensity of their sweet perfume. Part shade. Gal. tins, \$1.25; 5-gal. tins, \$2.75.

## Jelly on Bushes

**Guavas.** Don't overlook Red and Yellow Strawberry Guavas as ornamentals. They make beautiful glossy-leaved, 5-foot shrubs, and everybody likes those juicy, delicious fall-ripening fruits, to say nothing of the marvelous jelly mother can make from them. See page 8 for sizes and prices.



The red lantern of *Malvaviscus*.

## Old Fashioned Lavender

*Lavandula officinalis*. S149. "Old-Fashioned Lavender." 18 inches. 0°. The beautiful rounded, little silvery-gray leaved plant from which the true Oil of Lavender is obtained. Tall, rosy-purple flower spikes, exceedingly fragrant when rubbed. Gal. tins, 50c; balled, 12-15 inches, \$1.25.

*Lavandula pedunculata*. S149A. "Purple Plume Lavender." 15 inches. 0°. Similar to the above, but a little smaller plant, while the long-stemmed, deep purple flower spikes, each topped by 3-inch purple plumes, 1½ inches long, are much brighter but just as fragrant as the old type. Gal. tins, 50c.

## Australian Tea Tree

*Leptospermum laevigatum*. S150. "Australian Tea Tree." 8-10 ft. 15°. Large spreading shrub with graceful arching branches and grayish-green foliage, needing very little water and thriving in any soil. Splendid for cut sprays for house decoration because of its handsome little foliage and its little white flowers. Easily trained in espalier form against a sunny wall, but give it plenty of room. Needs good drainage. Full sun. Gal. tins 60c; 5-gal. tins, \$1.75.

## Rose-Flowered Tea Tree

*Leptospermum scoparium* Rose Double. S151. "Dwarf Rose-Flowered Tea Rose." 4-6 ft. 15°. Here is one of the most beautiful little flowering shrubs ever offered for California gardens. It grows fairly erect but never gets very large, has soft, fine-cut, dainty foliage which looks the same all the year. In March and April it produces great quantities of little double pink blooms which look like little Cecile Brunner Roses and are about the same size. The plant grows easily anywhere, preferring reasonably dry soil and full sun. It is a delightful and useful plant from which to obtain material for bowl arrangements for the table. The little pink buds and flowers with their accompanying foliage look well with many other bloom sprays. Gal. tins, 85c; 5-gal. tins, \$2.

## A Texas Ranger

*Leucophyllum frutescens floribundum*. S153. (*texanum*.) 5 ft. 10°. A beautiful plant from Texas, with soft, silvery-gray foliage, and pinkish lavender flowers, 1 inch across, borne in great profusion in the later summer, and sometimes in the spring as well. Prefers full sun and not much water. Gal. tins, 65c; 5-gal. tins, \$1.75.

## Lemon Verbena

*Lippia citriodora*. S158. "Lemon Verbena." 5 ft. 22°. The cool, delightful fragrance of its foliage is unequalled, and the white flower spikes in summer are attractive. It is always found in the patios of old Spanish gardens in Europe and America. Gal. tins, 75c.

If it is not convenient for you to visit our Display Yards, mail your order in and no matter where you live we will see that it reaches you by the safest and most economical method, whether it be mail, express, freight or our own trucks. See delivery and shipping information on pages 40 and 41.

## When Can You Plant?

The black squares under each month in the calendar below indicate that you can plant evergreen shrubs during every month in the year.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Tins or Ball	■	■	■	□	□	□	□	□	□	□	□	□

## Privets for Hedges

*Ligustrum henryi*. S154. "Henry's Privet." 3-8 ft. 5°. Small, glossy, pointed leaves. One of the finest for a low hedge or for a pruned specimen plant. Flats of 100 small plants, \$4.00; gal. tins, 50c.

*Ligustrum lucidum*. S156. "Japanese Privet." 4 to 12 ft. 10°. Leathery dark-green glossy leaves and white flowers. The best tall hedge plant, making a fast, heavy, substantial growth. Hardy, drought resistant. Excellent for Arizona or other desert areas. Flats of 100 small plants, \$2.50; gal. tins, 45c; 5-gal. tins, \$1.60.

*Ligustrum japonicum*. S155. "Nepal Privet." 3-8 ft. 10°. Large, glossy deep green leaves, hardy from seacoast to desert. Flats of 100 small plants, \$4.00; gal. tins, 60c.

*Ligustrum ovalifolium*. S157. "California Privet." 3-8 ft. 0°. A most popular hedge plant for severe climates. Strong growing, bright green foliage, makes a compact hedge of any desired size when pruned. Partially loses leaves in winter. Flats of 100 small plants, \$3.00; gal. tins, 45c.

## Oregon Grape

*Mahonia aquifolium*. S159. "Oregon Grape." 3 to 6 ft. 0°. Dark, lustrous, holly-like foliage and yellow flowers in dense clusters in the early spring, followed by purple berries. Thrives in almost any location but partial shade and ample moisture result in brighter and glossier foliage. An all-climate plant. Gal. tins, 65c; 5-gal. tins, \$2.00.

*Mahonia aquifolium compacta*. S161. "Dwarf Oregon Grape." 2-4 ft. 0°. Quite similar to the above, but with slightly smaller, narrower leaves. The main difference is in the lower, more spreading habit of growth. For a dense, compact, low bank of foliage, it is almost unexcelled, and it grows easily anywhere, always retaining its handsome appearance. Like the regular Oregon Grape, it does its best in half shade with plenty of moisture. Gal. tins, 75c; 5-gal. tins, \$2.00; balled, 1½-2 ft., \$2.00.

## Miniature Orchid

*Malpighia coccigera*. S162. "Holly Malpighia." 2 ft. 26°. Dainty little dark green holly-like leaves ½ to ¾ inch long. Covered in late summer and fall with little pink and white frilled blooms which in their delightfully dainty and bizarre form and rich colorings resemble the most beautiful tiny orchids. Shade or semi-shade. Plenty moisture. Use peat moss or leaf mold. Easy to grow under these conditions. Gal. tins, \$1.25.

## Red Lanterns

*Malvaviscus grandiflorus*. S163. "Red Lantern Plant." 8-10 ft. 24°. Here is a shrub that really gets out and goes to town as soon as you plant it, for within a few months it will be a big mass of handsome, evergreen foliage, decked with large, bell-shaped, 2½-inch, bright crimson flowers like miniature Chinese red lanterns, and we doubt if there will be a day in the year thereafter when you will not find plenty of flowers on the plant. It is one of those shrubs you can plant in almost any climate, any soil, any place, sun or semi-shade and get abounding beauty in foliage and flower. Gal. tins, 65c; 5-gal. tins, \$1.85.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

Flowers of Rose-Flowered Tea Tree. The size and color of Cecile Brunner Roses.



# Armstrong Flowering Shrubs

## True Myrtle

Note: Armstrong Myrtles are cutting-grown and therefore uniform in size, compact in shape, with fine glossy foliage. Most Myrtles bought elsewhere are grown from seed because it's cheaper, and vary greatly in shape, foliage and rate of growth.

**Myrtus communis. S168. "True Myrtle."** 4-8 ft. 15°. Valuable for either single specimens or small hedge. The foliage is shining green and highly aromatic, with creamy-white flowers in spring and currant-like black berries in summer. Easily kept pruned to almost any desired height. Thrives in hot, dry situations and cool ones as well. Flats of 100 small plants, \$4.00; gal. tins, 45c; 5-gal. tins, \$1.50.

**M. communis Compact. S169. "Dwarf Myrtle."** 3-6 ft. 15°. One of the finest low evergreen hedge plants for California or Arizona. Extremely dense and compact, with small dark shining leaves; shapes itself, can be pruned down to 2 or 3 feet if desired. Plant 24 inches apart. Flats of 100 small plants, \$4.50; gal. tins, 65c; 5-gal. tins, \$1.85.

## Nandina

**Nandina domestica. S170.** 5 ft. Zero. A favorite of California gardens is this plant, densely clothed with compound leaflets, bronzy red when young, dark green at maturity, and with beautiful coppery red tones in winter. Topped with great showy clusters of red berries in winter, but more than one plant is necessary to secure berries. Full sun or part shade. Gal. tins, 60c; 5-gal. tins, \$1.85.

## Oleander (Nerium)

The Oleander, with its brilliant, showy blossoms, is a beautiful shrub throughout all of California. It does particularly well in the desert regions and warm inland valleys. Grows and blooms quickly wherever planted and blooms almost all through the year. The flowers are very sweet and fragrant. A good tub plant too. Hardy down to 15°. All varieties listed below: Gal. tins, 60c; 5-gal. tins, \$1.75. Also we have Double Salmon, Double Rose Pink, Single Cherry Red and Single White as balled bushy plants, 2-3 ft., \$1.75; 3-4 ft., \$2.25; 4-5 ft., \$3.25.

**Double Salmon (Mrs. Roeding). S173.**  
**Double Light Yellow. S172.**  
**Double Rose Pink. S174.**  
**Double White. S171.**  
**Single White. S176.**  
**Single Cherry Red. S175.**  
**Single Light Pink. S177.**

## Always a New Picture

**Ochna atropurpurea. S178.** 3-4 ft. 18°. With this beautiful plant from Africa in your garden, you have an entirely different color scheme almost every month in the year. From December through February the plant is luxuriant with its rich deep olive-green foliage; in March it is covered with bronzy red new shoots; in May the plant is strung with brilliant little bright yellow 1-inch blossoms hanging from every branchlet. In June and July the sepals of each flower have turned a brilliant scarlet and look like red flowers themselves. In July these crimson calyxes look like a bright red shooting star upside down, but hanging from the tip of each one is a bright green berry. In August this berry has turned shining black, contrasting with the brilliant red calyx. Best in half shade. Gal. tins, \$1.25.

## Sweet Olive

**Osmanthus fragrans. S181. "Sweet Olive."** 10 ft. 10°. Large, handsome, dark green foliage and small, white, extremely fragrant flowers in clusters, whose cloying sweetness, like gardenia and hyacinth mixed, will betray their presence in the garden before you see the plants. Plant it to the windward and the breeze will waft the perfume over the entire garden. A splendid large background shrub. See illustration opposite page. Sun near coast, part shade inland. Gal. tins, 75c; 5-gal. tins, \$2.25; balled, 2-3 ft., \$2.75; 3-4 ft., \$3.25.

## Holly Leaves—Fragrance

**Osmanthus fortunei. S180.** 6 ft. 10°. Big, dark, 3-inch leaves that look like the glossiest, most beautiful English Holly leaves, and many white, very fragrant flowers, even sweeter than those of the Sweet Olive below. This combination of foliage and fragrance will make room for it in many gardens, and it is easily grown almost anywhere. Best in part shade. Gal. tins, \$1.00; 5-gal. tins, \$2.25; balled, 2-3 ft., \$2.50.

## Climbing Syringa

**Philadelphica mexicanus. V37. "Climbing Syringa."** 12°. While often grown as a vine, this plant makes a big, spreading, 6 or 8 foot shrub if desired and is well worthwhile growing as such for its great quantities of creamy white, double, 2-inch flowers, intensely fragrant in spring. Sun or half-shade. Gal. tins, 75c; 5-gal. tins, \$2.00.

## California Holly

**Photinia arbutifolia. S183. "California Holly" or "Toyon."** 6-10 ft. 15°. One of the finest California shrubs is the California Holly or Christmas Berry, which covers itself with great handsome clusters of brilliant red berries at the Christmas season. It makes a large, spreading, well-shaped bush and is an astonishing sight when loaded with its handsome berries, which make splendid indoor decorations for Christmas. Ours are no ordinary California Hollies but a specially selected, very large-fruited strain found only in secluded canyons on Catalina Island. Full sun, good drainage. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

## Red-Bronze Photinia

**Photinia glabra. S184. "Red-Bronze Photinia."** 6-8 ft. 15°. A fine big spreading shrub which has exceedingly attractive foliage at all times during the year. Throughout the winter the handsome, glossy, 3-inch leaves are a dark bronzy green, but in March and April the new leaves come out in an amazingly rich shade of reddish bronze, sometimes bright scarlet, and hold their color for many weeks. It holds its winter foliage better than the two Photinias below. In the summer it has 4-inch white flower clusters, followed by red berries. Full sun. Gal. tins, 75c; 5-gal. tins, \$2.00.

## Chinese Photinia

**Photinia serrulata. S185. "Chinese Photinia."** 8-10 ft. 5°. For all of California and Arizona there is no finer large evergreen shrub than this magnificent plant. At all times it is clothed with great dark, shining 8-inch leaves, which are dotted during fall and winter with occasional brilliant red leaves, and in spring the plant becomes a solid mass of great 6-inch heads of white flowers. See illustration below. Gal. tins, 65c.

**Photinia serrulata nova. S186. "Compact Chinese Photinia."** Like the above but much glossier foliage and bigger, lacier flower heads. The big, handsome foliage is bronze, reddish green when it first comes out, turning to bright glossy green as the leaves attain their full size. We like to recommend it because it is not only one of the most beautiful of large shrubs but it will grow almost anywhere with ease. Gal. tins, 75c; 5-gal. tins, \$2.00.

## Blue or White Plumbago

**Plumbago capensis. S193.** 5 ft. 20°. A clambering, semi-climbing shrub covered all summer with lovely clear azure-blue flowers. Placed in a corner or against a sunny wall, it will fill the space quickly, so give it plenty of room, and if you are in a hurry for results, Plumbago will fill the bill. Full sun. Gal. tins, 65c; 5-gal. tins, \$1.85.

**Plumbago capensis alba. S194.** Like the above, but with pure white flowers. Gal. tins, 65c.



Pittosporum rhombifolium may be grown as a small tree or as a large shrub. Either way it's beautiful.

## Orange Jessamine

**Murraya exotica. S166. "Orange Jessamine."** 6-10 ft. 20°. The foliage is that rich, luxuriant shade of green that everybody likes, always glossy and fresh looking. And in the spring and summer the plant has many panicles of white, exceedingly sweet-scented flowers like orange blossoms which frequently appear at the same time as the small, bright red fruits which the plant bears as it gets older. It is unquestionably one of the finest of fragrant flowering plants. Sun or part-shade. Gal. tins, 85c; 5-gal. tins, \$2.50.

## African Boxwood

**Myrsine atricana. S167. "African Boxwood."** 2-3 ft. 15°. Particularly valuable because it retains its small, compact form without pruning and because of its small, glossy, dense foliage which keeps its beauty uniformly throughout the year. Splendid for small specimen plant or low hedge, in fact, it is one of the best low foliage plants on our list. It does well in almost any climate from coast to desert and in any soil even where alkali is present. Full sun or part-shade. Flats of 100 small plants, \$6.00; gal. tins, 75c; 5-gal. tins, \$2.00.

Rogers Firethorn in bloom. Orange berries in great profusion follow these white blooms.



## Useful Pittosporums

**Pittosporum eugenioides.** S188. "Lemon Wood." 8-20 ft. 20°. Long a popular, fast growing plant for backgrounds or tall hedges in the coastal regions, because of its thick masses of medium sized, shiny, deep green leaves with wavy edges. The leaves are sweetly lemon-scented when bruised, while the yellow flowers are heavily fragrant. Gal. tins, 65c; 5-gal. tins, \$1.85.

**Pittosporum rhombifolium.** S189. 15 ft. 20°. Small tree or large shrub of compact habit, with very fragrant white flowers, followed by clusters of large orange berries in fall and winter. It makes a beautiful little tree for walled garden or parkway, never getting too large for its location. Gal. tins, 65c; 5-gal. tins, \$1.85.

**Pittosporum tobira.** S190. 5 to 8 ft. 15°. A wide spreading, dense round headed shrub, with deep, glossy green foliage, excellent for massing against the house or wall, or for a fine large hedge. In the winter it is covered with small fragrant white flowers resembling orange blossoms. It thrives anywhere in California and in Arizona as well. Gal. tins, 60c; 5-gal. tins, \$2.00; balled, very bushy, 2-2½ ft., \$2.50.

**Pittosporum tobira variegata.** S191. 4-8 ft. 15°. A beautifully variegated form of the above, with handsome silvery cream and green foliage. Gal. tins, 60c; 5-gal. tins, \$1.85.

**Pittosporum undulatum.** S192. "Victorian Laurel." 8-20 ft. 22°. Large deep green, glossy undulated leaves. Its yellowish white flowers are very fragrant, especially at night. Big orange berries follow the flowers. Excellent for planting in narrow parkways, for a tall hedge or for foundation plantings where a large handsome mass of foliage is desired. Probably more widely planted within 30 miles of the coast in California for a large foliage plant than any other plant. Gal. tins, 60c; 5-gal. tins, \$1.85; balled, 2-3 ft., \$2.25; 3-4 ft., \$3.50; 4-5 ft., \$5.00.

## Daphne Pittosporum

**Pittosporum daphniphyloides.** S187. "Daphne Pittosporum." 8-10 ft. P. C. says 15°. 22°. Not only is it a beautiful large, handsome shrub with glossy, bright green, 6-inch, long, narrow leaves, but it carries in spring and early summer 2-inch clusters of creamy yellow flowers which are delightfully fragrant with a mixture of spice, lemon and orange blossom fragrance which gives it the name Daphne Pittosporum. You'll walk toward it to inhale that fragrance many times when it's in bloom. Full sun or part shade. Plenty moisture. Gal. tins, \$1.00.

## Hollyleaf Cherry

**Prunus ilicifolia.** S195. "Hollyleaf Cherry." 5-10 ft. 10°. The glossy holly-like leaves of this splendid native California shrub make fine Christmas decorations. Useful for large hedge or background planting in dry soil. Full sun. Gal. tins, 75c; 5-gal. tins, \$2.00.

## Two Fine Laurels

**Prunus laurocerasus.** S196. "English Laurel." 5-8 ft. 5°. Makes the finest specimen shrub possible with its large, thick, glossy green leaves. Thrives anywhere except in the desert. Sun or shade. Gal. tins, 65c; 5-gal. tins, \$1.85; balled, 3-4 ft., \$3.50; 4-5 ft., \$4.50.

**Prunus lusitanica.** S196A. (Laurus lusitanica.) "Portuguese Laurel." 5-10 ft. 5°. A slow growing, very dark green foliaged shrub, glossy, dense, compact and handsome. Spikes of fragrant white flowers in the spring. Sun or part shade. Gal. tins, 65c.

## Catalina Cherry

**Prunus lyon.** S197. (integrifolia.) "Catalina Cherry." 15-25 ft. 10°. Large, glossy, holly-like leaves, 3 to 5 inches long, handsome the entire year. Popular and useful as large background plant, large hedge or small street tree. Growing easily anywhere in full sun, any soil. Gal. tins, 75c; 5-gal. tins, \$2.

## Carnation-Flowered

**Punica granatum Dwarf.** S198. "Carnation-Flowered Dwarf Pomegranate." 3-4 ft. 10°. Quantities of exceedingly brilliant scarlet carnations, full and double, borne on bushes; how would you like to have plants that will provide such blooms? It's easy—you'll have it in this much improved new dwarf Pomegranate, with its fresh, bronzy-green summer foliage, bright colored flowers and small showy crimson fruits borne in the fall and winter. In colder sections loses most of its leaves for a very short time in the middle of winter. This is not the old type Dwarf Pomegranate usually sold, it's an entirely different plant which we first offered several years ago. Plant in full sun, coast or desert. See illustration in color on page 34. Gal. tins, 75c; 5-gal. tins, \$2.00.

## Berried Pyracanthas

The evergreen Hawthorns (or Firethorns) are exceedingly valuable for their great wealth of bright-colored berries in the fall and winter, which remain on the plant for many months. Easily grown and hardy anywhere. There are many varieties of Pyracanthas, but after testing many kinds, we have selected the three varieties below as being the very best. Plant them all in full sun.

**Pyracantha coccinea lalandii.** S199. "Orange Firethorn." 6-8 ft. 0°. The most popular orange berried variety, growing more slender and erect than most others. On fire in the fall and winter with great masses of brilliant, lustrous, orange berries, larger and showier than any other in its color. Hardier than other Pyracanthas, growing over a wide range. Ours is a selected, improved type, fruiting younger and with bigger berries. Gal. tins, 65c; 5-gal. tins, \$1.75.

**P. crenulata rogersiana.** S201. "Rogers Firethorn." 6 ft. 5°. New and improved variety, with quantities of bright orange berries borne clear to the tip of every willowy branch, thus making splendid cut sprays. When the plant is covered with its frosty, lacy, white bloom in May (see illustration at right), it is a magnificent sight and worth growing for that reason alone. It also seems to be immune to pear-blight, which occasionally attacks other Pyracanthas. Gal. tins, 65c; 5-gal. tins, \$1.75.

## Graber's Giant Red

**Pyracantha crenato-serrata Graber.** S200. "Graber's Firethorn." 8-10 ft. 5°. Of all the red berried Pyracanthas that we have grown, this is the best, and it is superlative in almost every way. The plant is the largest and most vigorous of all, with larger, glossier foliage. The big, bright crimson berries are enormous, borne in clusters as big as your two fists and thickly covering the plant. A single plant, allowed to grow freely or trained flat against building or wall, is a spectacular sight in the fall and winter, and since the berries are at their best at Christmas-time, they make splendid Christmas decorations. Many small white flowers in spring. Give it plenty of room, because it will use it. Gal. tins, 90c; 5-gal. tins, \$2.25; 5-gal. tins, espalier form, \$4.00.

## Rosemary

**Rosmarinus officinalis.** S216. "Rosemary." 3 ft. 0°. A delightful plant for the garden, not only for its fragrance but for the soothing beauty of its gray-green foliage and little light lavender blooms. Gal. tins, 50c.

**Rosmarinus officinalis Prostrate.** S216A. "Prostrate Rosemary." 0°. A delightful little, spreading, creeping form of the Rosemary, with slightly smaller foliage, which becomes 2 or 3 feet across but never gets over 8 inches high. It has the same delightful fragrance, lavender blooms and cool grey-green foliage. Gal. tins, 60c.



Foliage and flowers of the Sweet Olive (*Osmanthus fragrans*)

## The Picturesque Evergreen Pear

**Pyrus kawakami.** S202. "Evergreen Pear." 8-12 ft. 15°. Only now has sufficient stock of this extremely unusual and lovely large shrub or small tree been available in California to offer generally. Fresh, luxuriant Pear foliage which amazingly enough does not drop in the winter and is much better looking than any Pear foliage you ever saw. In the spring the foliage is almost obscured by masses of fragrant white flowers, making the plant one of the most beautiful sights imaginable. May be grown according to needs as a picturesque small tree, large shrub or espaliered against wall or fence. Gal. tins, 90c; 5-gal. tins, \$2.50; espaliered, 5-gal. tins, \$4.00.

## Pink Indian Hawthorn

**Raphiolepis indica rosea.** S204. "Pink Indian Hawthorn." 3-5 ft. 15°. One of the finest of the medium sized flowering shrubs for California, requiring no pruning, becoming as wide as it is high, and covered in early summer with the most magnificent large 6-inch panicles of half-inch pink flowers like the loveliest of apple blossoms, sweetly fragrant. Its foliage is extremely handsome and the flowers are followed by interesting clusters of blue-black berries. Plant it where close-up beauty will be appreciated. Ours are cutting-grown plants from selected, large flowered, deeply colored specimens. Ordinary seedlings, while they may be sold under this name, will never even approach them in beauty. Gal. tins, \$1.00; 5-gal. tins, \$2.50.

Chinese Photinia is an all-climate shrub that thrives everywhere. Flower heads 8 inches across.



# Armstrong Flowering Shrubs

## Lemonade Berry

*Rhus integrifolia*. S209. "Lemonade Berry." 4-10 ft. 20°. For a thick bank of rich green, abundant, all-year foliage, this is difficult to equal. Grows easily anywhere with little care and no summer irrigation, although it doesn't object to some water. Has little pink flowers in spring. Responds to pruning readily and can be grown as a large 10-foot shrub, a low ground cover to 3 or 4 feet or can be grown espaliered against a wall. The pulp on the big red berries make a delightful lemonade-like drink. Gal. tins, 65c; 5-gal. tins, \$1.85.

*Rhus laurina*. S208. "Laurel Sumac." 4-6 ft. 25°. Another handsomely foliaged native California shrub with large, 5-inch bright green leaves and panicles of white flowers. Fine for dry, sunny, rocky spots since it stands any amount of heat and drought. Gal. tins, 65c; 5-gal. tins, \$1.75.

*Rhus ovata*. S210. "Sugar-Bush." 6-10 ft. 20°. 5-gal. containers, \$1.85; gal. containers, 65c. A native California shrub with lovely all-year foliage. The 4-inch leaves are thick and leathery, shiny green, and in late summer and fall when many other foliage plants look a bit rusty because of the heat and dryness, the Sugar-Bush is fresher and brighter than ever. Small creamy flowers in April, followed by deep red berries with a sugary covering. Grows anywhere. Full sun. Any soil. Gal. tins, 75c; 5-gal. tins, \$1.85.

## Catalina Currant

*Ribes viburnifolium*. S212. "Catalina Currant." 2-3 ft. 15°. A spreading half-trailing little shrub from Catalina Island, with small, dark green, glossy leaves and wine red stems, producing many small, deep maroon colored flowers in the spring, followed by red berries. Excellent for trailing on slopes or for hanging over a wall. Grows anywhere in sun or shade near the coast, but prefers a slightly sheltered position in hot inland locations. Needs little water. Gal. tins, 75c.

*Ribes speciosum*. S211. "Fuchsia-Flowered Gooseberry." 6-8 ft. 15°. California native, with fine, glossy, gooseberry-like foliage, every branch strung in January and February with pendulous, bright red flowers with long red stamens which turn into red gooseberries later on. In our opinion, it is one of the very finest of native shrubs. Full sun along coast, half-shade inland. Gal. tins, 85c; 5-gal. tins, \$2.25.

## Giant Matilija Poppy

*Romneya White Cloud*. S213. "Improved Matilija Poppy." 6 ft. 10°. The California Matilija Poppy has long been one of the most popular of native plants. This new hybrid is a great improvement over the ordinary *Romneya*, larger and more beautiful both in flower and foliage. The 8-inch blooms, snowy white, with the texture of crinkly white crepe paper, are graceful in spite of their enormous size and are held on the ends of the 5 to 6 foot stems, which are thickly clothed with handsome, big, blue-grey, 5-inch leaves right down to the ground. Makes a wide-spreading, many-stemmed clump which is quite hardy, and even if frozen down will come up quickly again in the spring. The big blooms are magnificent when cut and placed in a big brass bowl. Grows anywhere in full sun. Gal. tins, \$1.25; 5-gal. tins, \$2.75.

## Colorful Salvias

*Salvia leucantha*. S217. A 2-foot sub-shrub, sending up in the late summer and fall many spikes of woolly, violet-purple and white flowers. Colorful both in the garden and for bowl arrangements. Full sun. Cut back once a year in winter. Gal. tins, 45c.

*Salvia mexicana*. S218. 4-6 ft. Tall, fast-growing, bearing many deep blue flowers in late winter. Full sun. Gal. tins, 45c.

## Jungle Queens

*Rondeletia cordata*. S215. 4-6 ft. 22°. From the luxuriant, little known jungles of southern Mexico, down on the border Guatemala way, comes a plant that will bring brilliant tropical color right into your garden because it grows beautifully here and makes the most magnificent clump of glossy, bright green foliage throughout the year. Covered in spring with big heads of richly colorful blooms as shown in color illustration on back cover of this Catalog. The buds and flower tubes are deep reddish salmon, while the lovely flowers are flesh-pink with a yellow bearded throat. The plants we have are so beautiful and so full of flower buds right now that we get a lot of pleasure out of sending them out, and you'll get far more pleasure out of them for many years to come. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

*Rondeletia amoena*. S214. 4-6 ft. 22°. Another lovely foliaged, brilliant flowered beauty from Central America, with slightly larger leaves than the above and somewhat smaller but even more vivid flowers. The flowers are rich pink with a yellow bearded throat. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## The Showy Ruellia

*Ruellia macrantha*. ST22A. 3-4 ft. 25°. One of the showiest and most everblooming of flowering shrubs for a mild climate, producing freely all over the spreading large foliaged plant big, dark lavender, funnel-shaped flowers almost the entire year, even through the winter. Partial shade or sheltered position. Gal. tins, 60c.

## Sea-Coast Beauty

*Solanum rantonneti*. S219. 6 ft. 25°. In the mild coastal regions this bushy, rounded, medium sized shrub is covered with its one-inch violet flowers almost every day in the year, and it is a splendid shrub for such locations. Gal. tins, 60c.

## Australian Bluebell

*Sollya heterophylla*. S220. "Australian Bluebell Creeper." 1 ft. 22°. A trailing shrub with many slender twining stems. Splendid for covering banks, low fences, stumps and other objects. Brilliant blue, small, bell-shaped flowers. Gal. tins, 65c.

## Spanish Broom

*Spartium junceum*. S221. "Big Yellow Spanish Broom." 10 ft. 10°. Fast-growing, with many slender, bright-green branches almost devoid of leaves. Bears almost continually, large pea-like, bright yellow flowers, sweetly scented. Thrives equally well in the salt spray of the seashore or the hot sun of the desert. Gal. tins, 60c.

## Mexican Mallow

*Sphaeralcea umbellata*. S222. "Mexican Mallow." 4-6 ft. 19°. It grows fast, with big luxuriant leaves, and in February starts producing many big, bright crimson, cup-shaped flowers, 2 inches across, with a white splash at the base of the petals. Throughout the entire late winter, spring and summer it never stops blooming and in September is going as strong as ever. The hotter the weather the better it likes it, and since it is a native of the desert regions of Puebla, in Mexico, you can go away and forget to water it for six weeks and it doesn't mind it at all. Gal. tins, 75c; 5-gal. tins, \$1.85.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.



*Thryallis glauca* shines out with hundreds of little golden star-like flowers for many months in summer and fall.

## Coffee Berry

*Rhamnus californica crassifolia*. S205. "Coffee Berry." 4-6 ft. 10°. A native California shrub, medium sized, rounded, densely clothed right down to the ground with dark green, 3-inch leaves. Has dull red coffee-like berries. A splendid plant for use in any soil in almost any location where you want a thick, dense, low background along property lines, or in out of the way corners where you don't want to spend too much effort in looking after the plants, but where you'll have a good looking background all the time. Sun or part shade. Gal. tins, 75c; 5-gal. tins, \$2.00.

*Rhamnus crocea ilicifolia*. S206. 5-10 ft. 10°. A larger shrub than the above, with bigger, holly-like, more luxuriant foliage and bigger red berries. Full sun. Gal. tins, 85c; 5-gal. tins, \$2.00.

*Rhamnus crocea pirifolia*. S207. "Holly-Leaved Buckthorn." 15-20 ft. 15°. Big, glossy, 4-inch leaves and plenty of big, bright red fruits in summer. These berries are immensely beautiful and the birds do not relish them. Easily grown anywhere. Gal. tins, \$1.00.

The crimson flowers of Mexican Mallow.



## Bright Yellow Trumpets

*Stenolobium stans angustatum*. S223. "Hardy Yellow Trumpet." 8 ft. 22°. Erect stems, heavily clothed with big, shiny cut leaves. Clusters of big 2-inch trumpet-shaped, brilliant yellow flowers in late winter and early spring which make a brilliant splash of color. Fast growing. Full sun. Gal. tins, 75c; 5-gal. tins, \$1.85.

## Autumn Color

*Stranvaesia davidiana*. S224. 6-12 ft. 0°. A splendid large Chinese shrub with glossy dark green, 4-inch leaves which assume in the winter many brilliant hues from purple-bronze to red and orange, although they do not drop. Then follow great quantities of brilliant fruits like little red apples and in the spring a profusion of handsome white flowers. It presents a colorful and interesting picture during every season of the year. While it thrives almost anywhere in California, it is most luxuriant in cold-wintered sections of California and other Pacific Coast regions. Gal. tins, 75c; 5-gal. tins, \$2.50.

## Bird-of-Paradise

*Strelitzia reginae*. ST23. "Bird-of-Paradise." 2-4 ft. 22°. The exotic, showy flowers of this striking plant, which resemble the crested head of a tropical bird, gorgeously hued in brilliant orange and bright blue, are among California's most magnificent blooms. The 3-foot stems come from the base of the plant, which has wide, stiff, evergreen leaves somewhat like small banana leaves. Blooms in winter and spring. Full sun on coast, part shade inland. Gal. tins, \$1.25; 5-gal. tins, \$4.50; balled, 2-3 ft., \$6.50; tubbed, \$8.50.

## Brilliant Orange

*Streptosolen jamesoni*. ST24. 3 ft. 20°. P. C. says 28°. Few plants will provide as much brilliant orange color throughout most of the year. Likes the sea coast, full sun, good drainage but plenty of moisture. Gal. tins, 75c.

## Cape Honeysuckle

*Tecomaria capensis*. V43. "Cape Honeysuckle." 22°. May be trained as a half-climber. A splendid mass of dark green foliage, dense and compact, with clusters of bright red, tubular flowers like scarlet honeysuckle in fall and winter when other flowers are scarce. Gal. tins, 75c; 5-gal. tins, \$1.85.

## Giraffes Browse On It

*Tecomaria shirensis*. S227. 6-8 ft. 22°. We introduced this beautiful flowering shrub two years ago from Nyassaland in northeastern Africa, where the giraffes and the elephants roam. An upright plant with slender, arching branches, large, bright green leaves, producing in late winter and spring, big, 2-inch flowers in a most brilliant flaming shade of orange. The fiery, glowing blooms are borne in large clusters of 15 to 20 and look like glorified tropical honeysuckles. Full sun. Gal. tins, 85c; 5-gal. tins, \$2.00.

## Silver and Blue

*Teucrium fruticans*. S228. "Silver and Blue Germander." 3 ft. 10°. One of those useful little plants that grow under any soil or climatic conditions, its handsome blue-gray foliage making a good background for the little light blue flowers which are borne in great profusion during the summer. Particularly good for dry, rocky places. Full sun. Gal. tins, 60c.

## The Princess Flower

*Tibouchina semidecandra grandiflora*. ST27. "Princess Flower." 6 ft. 27°. An improved, large-flowered form of this colorful plant with soft, velvety, bronze-green foliage and quantities of glorious 4-inch royal purple flowers, borne almost eight months in the year. Needs a sheltered location away from wind, and extremely good drainage. Gal. tins, 65c; 5-gal. tins, \$2.00.

**Save 10%.** Purchase 5 of one variety or plants on pages 23 to 62, inc. (no flats, divisions or 2¼-inch pots), and get the following reductions: 25c to 65c each, inc., deduct 5c per plant; 70c to \$1.75 each, inc., deduct 10c per plant; \$1.80 or more, each, deduct 25c per plant.

## Golden Star Shower

*Thryallis glauca*. ST26. "Goldshower Thryallis." 4-ft. 20°. A plant that we consider just about perfect for the average California garden because it grows easily under all conditions of soil and climate, stands the heat, dry soil and several degrees of frost, is attractive in appearance, with long, light green, 2-inch leaves, and from July to January is covered with little star-shaped bright yellow blooms in many flowered panicles, each flower one-fourth of an inch across. They look like the little golden stars used by teachers to reward their pupils for attendance and good behavior. Gal. tins, \$1.00; 5-gal. tins, \$2.50.

## Orange Ground Cover

*Thunbergia gibbosa*. V44. "Orange Clock Vine." It's a rambling shrub that just wanders off from where you plant it, rambling along, and if it finds a stump, rock or fence in its path, it'll just climb right over them. All through the year it bears lovely golden orange trumpet-shaped flowers, 1½ to 2 inches across. Best near coast. Sun. Gal. tins, 75c.

## Star Bush

*Turraea obtusifolia*. ST28. 3 ft. 26°. We have found this new and still rare South African introduction one of the most satisfactory small flowering garden shrubs. It makes a compact, handsomely foliaged small plant, carrying most of the summer many star-shaped jasmine-like pure white flowers, 1½ to 2 inches across. It stands plenty of heat and will grow in either full sun or part shade. A shrub which is just the right size to fit into most gardens. In the summer it is a mass of blooms from July to November, every branch looking like the one illustrated at the right. Gal. tins, 85c; 5-gal. tins, \$2.50.

## It's Easy to Order by Mail

If it is not convenient for you to visit our Display Yards in Ontario or North Hollywood, just put your order in the mail, and no matter where you live, we'll get it to you by the best and most economical means, whether it be mail, express, freight or our own trucks. See pages 40 and 41 for shipping information.

The new Matilija Poppy "White Cloud" has giant white flowers 8 inches across, twice the size of this picture.



The Star Bush has flowers like this from July to November all over the plant.

## Giant Chinese Snowball

*Viburnum macrocephalum*. S233. "Giant Chinese Snowball." 5-6 ft. 0°. A gorgeous Oriental Snowball, with big flower heads, 6 to 9 inches across, snowy white, nestled against the dense 4-inch oval leaves in May and June. Ordinary Snowballs lose their leaves in the winter. This one is evergreen except in the very coldest locations, where it may lose a part of its leaves. It is lavish with those great big snowballs and makes a spectacular sight in the garden. Full sun near coast, half-shade inland. 5-gal. tins, \$2.50. *Viburnum cinnamomifolium*. S231. "Cinnamon Viburnum." 6-8 ft. 18°. Large, handsome, glossy green 5-inch leaves. Also has 7-inch flower heads in spring. Semi-shade. Gal. tins, 75c; 5-gal. tins, \$1.85.





The waxy white, pink-flushed flower cluster of *Gardenia-scented Viburnum*, each cluster three inches across.

# Flowering Shrubs

## Viburnums

**Viburnum cylindricum.** S232. 6-8 ft. 18°. Nothing makes a garden more successful than dependable, glossy, all-year foliage, and this fine new Chinese introduction supplies that in perfection, the big, green, waxy leaves being 6 or 7 inches long. Added attractions are small white blooms followed by big black berries. 5-gal. tins, \$1.85.

**Viburnum odoratissimum.** S234. "Sweet Viburnum." 6-8 ft. 10°. If we were to select the one best permanent evergreen shrub for shade or semi-shade in California, we believe it would have to be this beautiful plant from China, with its big, long, 6-inch shining foliage and its fragrant, white, 4-inch flower panicles, which possess a most delightful fragrance. Following the flowers appear red berries. Best in shade or part shade but grows in sun as well. Likes plenty of moisture. Gal. tins, 75c; 5-gal. tins, \$2.25; balled, 2-3 ft., \$3.00; 3-4 ft., \$3.75.

**Viburnum suspensum.** S236. 8 ft. 15°. A luxuriant mass of shiny dark green leaves. One of the most popular of foundation shrubs for California plantings. Fragrant, white, rose-scented flowers in winter. Best in light shade. Gal. tins, 65c; 5-gal. tins, \$1.85.

## Holly Xylosma

**Xylosma heterophylla.** S238. "Holly Xylosma." 2 ft. 15°. It is difficult to find fine-foliaged shrubs which stay small like this one, 2 feet high and 3 feet across. A beautiful little compact mound of handsome foliage throughout the year. Shade or semi-shade. Gal. tins, 85c; 5-gal. tins, \$2.00.

## Gardenia-Scented Viburnum

**Viburnum burkwoodii.** S230. "Gardenia-Scented Viburnum." 4 ft. Zero. In the very early spring the end of every branch on this handsome shrub bears a large, 3-inch head of the most delightful, waxy white, pink-flushed flower clusters, intensely sweet with Gardenia-like fragrance. Throughout the summer it has exceedingly beautiful, shiny foliage which in colder climates turns a bright color in the fall. Becomes 4 or 5 feet across when fully developed, and for the average small garden in a semi-shady position with plenty of moisture, it is one of the finest shrubs that can be planted. Gal. tins, 85c; 5-gal. tins, \$2.25.

# Armstrong Palms, Bamboos and Grasses

## Queen Palm

**Arecastrum romanzoffianum.** M1. (*Cocos plumosa*.) "Queen Palm." 17°. Southern California's favorite Palm is the Queen Palm, with a tall, slender, smooth trunk topped with a plume-like crown of feathery, graceful leaves. The roots accommodate themselves to surprisingly small spaces and when once established they need very little water. For parkways, patios, and lawn plantings the *Cocos plumosa* lends an informal yet dignified tropical appearance. Balled, 4-5 ft., \$2.75; 6-8 ft., \$5.50; 8-10 ft., \$8.50; 10-12 ft., \$12.00; 12-14 ft., \$15.00.

## Fan Palms

**Washingtonia filifera.** M4A. "California Fan Palm." 30-50 ft. 10°. Native to our California deserts, the Washingtonias are fitting permanent memorials to the father of our country. Hairly fan-shaped leaves and a tall sturdy trunk. Gal. tins, 60c; 5-gal. tins, \$2.00; balled, 4-5 ft., \$4.50.

**Washingtonia robusta.** M5. "Mexican Fan Palm." 50-100 ft. 12°. Similar to *W. filifera*, but the trunk is much taller and more slender. Gal. tins, 60c; 5-gal. tins, \$2.00; balled, 4-5 ft., \$4.50; 5-6 ft., \$6.00.

**Butia capitata.** M1B. "Pindo Palm." 10-15 ft. 10°. Stout fan-like short-trunked, with arching graceful leaves of powdery blue. The fruit is good to eat, something like a loquat. Gal. tins, 75c; 5-gal. tins, \$2.50.

**Chamaerops humilis.** M1D. 6 ft. 15°. The short trunk is soon hidden in a mass of leafy suckers, making a miniature thicket. 5-gal. tins, \$2.00.

**Erythea armata.** M2A. "Blue Palm." 10-20 ft. 15°. Lovely steel-blue fan-like leaves. Gal. tins, 75c; 5-gal. tins, \$2.50.

**Erythea edulis.** M2B. "Guadalupe Palm." 25 ft. 15°. A sturdy small Fan Palm with large, long-lived rich green leaves. Stands ocean winds well, thrives anywhere. Gal. tins, 75c; 5-gal. tins, \$2.50.

## Date Palm

**Phoenix canariensis.** M4. "Ornamental Date Palm." 10°. Its dense, immense crown of beautiful curving leaves, each 15 feet long and of a pleasing dark green color, and its stately and rapid growth under all conditions, combine to make it an ideal Palm for street, park and lawn, from seacoast to desert. Gal. tins, 60c; 5-gal. tins, \$1.85; balled, 2-3 ft., \$2.00.

## Windmill Palm

**Trachycarpus fortunei.** M4B. "Windmill Palm." 10-40 ft. Tall, slender, hairy trunk, with graceful head of 3-foot fan leaves on top. Gal. tins, 75c.

## Graceful Bamboos

The Bamboos grow easily in almost every location and their noble clumps of graceful stems, their wealth of soft green foliage and their informal lines of symmetry make them indispensable for certain landscape effects. All Bamboos except *Dendrocalamus*: 5-gal. tins, \$1.85. *B. nana*, *B. ventricosa* and *Phyllostachys nigra* also available in gal. tins at 75c each.

**Bambusa nana.** M1G. "Striped Bamboo." 6 ft. A dwarf arching clump, with slender canes striped green and gold. 15°.

**Bambusa ventricosa.** M1H. "Buddha Bamboo." A dwarf Bamboo, never over 3 feet high.

**Bambusa multiplex.** M1J. "Dwarf Fern-leaved Bamboo." 8 ft. A dwarf variety with finely-divided fern-like leaves. 15°.

**Dendrocalamus latiflorus.** M1F. "Giant Bamboo." The very largest and tallest of all, reaching a height of 60 feet in time and making an enormous clump with great rapidity when once established. 18°. 5-gal. tins, \$2.00.

**Phyllostachys nigra.** M3B. "Black Bamboo." 8 ft. 15°. Black stems headed with beautiful feathery foliage.

## Perfect Foliage

**Xylosma senticosum.** S239. "Shiny Xylosma." 5 ft. 12°. We will have to state that this little known Chinese plant is the finest foliage plant for sunny positions in Southern California, for certainly nothing has surpassed it in our experimental garden. Every day in the year the shiny green foliage is handsome enough to draw admiration. Graceful, luxuriant, it needs no pruning to keep it in shape, is not particular about soil or water and extreme temperatures of 110°, and 17°, affect it not in the least. What a plant! Gal. tins, 90c; 5-gal. tins, \$2.25.

## Hardy Ferns

You can transform a cool, shady bed into a luxuriant fern glen by planting in it a few easily grown, hardy ferns. Use leaf mold or peat moss in planting. The following six Hardy Ferns in 4-inch pots, 60c each, \$5.50 per 10.

**Maidenhair Fern (Adiantum).** F1. Well known delicate lacy favorite, 12-18 inches.

**Polystichum setiferum.** F8. A close, compact clump of graceful, feathery fronds, 12 to 18 inches.

**Pteris cretica Wimsett.** F9A. Narrow finger-like leaflets, 5 to 7 inches long. Eighteen inches high.

**Pteris cretica Riverton.** F11. Graceful long 12-inch fronds, narrow and arching.

**Pteris tremula.** F12. "Australian Brake Fern." Long, feathery, slender, bright green fronds, 2 to 3 feet long.

**Special Fern Bed Offer:** One each of the above five kinds in 4-inch pots for \$3.40. Offer No. 18.

**Dryopteris dentata.** F4. "Downy Wood Fern." Fronds 3 feet long and 1 foot wide. Gal. tins, 75c.

**Dryopteris hirtipes.** F5. Long, feathery, 18-inch fronds, graceful and arching. Gal. tins, 75c.

**Polystichum aculeatum dudleyi.** F6A. Dark green fronds, 2 feet long, 6 inches wide. Gal. tins, 75c.

**Polystichum adiantiforme.** F7. Fronds triangular, 2 feet long and 8 inches wide. Gal. tins, 75c; 5-gal. tins, \$2.00.

**Woodwardia chamissoi.** F13. Makes a big clump of broad fronds from 3 to 6 feet long. Gal. tins, 60c; 5-gal. tins, \$1.75.

## Pampas Grass

**Cortaderia selloana.** M2. "Pampas Grass." 6 ft. Handsome big clump of long, arching, grass-like leaves, surmounted by great silvery white plumes. Ours is the superior, fluffy, silvery white plume, better than the ordinary type. Gal. tins, 60c; 5-gal. tins, \$1.75.

**Pennisetum ruppelii Crimson.** M3A. "Fountain Grass." 3-4 ft. Beautiful dense tuft of handsome grassy leaves and lovely rose crimson flower spikes on slender bending stems. Full sun. Gal. tins, 50c.

## New Zealand Flax

**Phormium tenax Veitchii.** M4C. "New Zealand Flax." 4-6 ft. Long, rigid, ribbonlike leaves, marked with creamy-white stripes on a green ground. The reddish purple flower stalks borne occasionally become 10 feet high. The leaves are often used now in dainty bowl arrangements. 5-gal. containers, \$1.85; gal. containers, 65c.

**Mondo jaburan Gold Stripe.** M3. "Lilyturf." 1 1/2 ft. Robust, graceful, low grass which makes a thick clump of narrow, handsome green leaves, striped with gold, surmounted by spikes of beautiful blue flowers that look like the blooms of Grape Hyacinth. Very handsome. 4-inch pots, 50c; 6-inch pots, 85c.

## Dracena

**Cordylina australis.** M1E. "Giant Dracena." 8-20 ft. Sword-shaped arching leaves borne in a cluster at the top of the tall, slender trunk. Grows easily anywhere. Gal. tins, 75c; 5-gal. tins, \$2.50; balled, 3-4 ft., \$3.00; 4-5 ft., \$4.00; 6-7 ft., \$6.00.

**Shipping Weights:** 4-inch pots, 4 lbs., 6-inch pots, 10 lbs., gal. tins, 10 lbs., 5-gal. tins, 50 lbs. each.

# Armstrong Vines

You will find offered here not only the hardy vines of the colder climates which thrive in California but many brilliant flowering vines of the Tropics. The minimum temperature given after the name is approximate only to give some idea of the hardness. All vines evergreen unless otherwise stated. All vines listed here can be shipped and planted at any time during the year unless otherwise specified in the description. Gal. tins weigh 10 lbs., 5-gal. tins 50 lbs. each packed. For shipping costs see page 41.

## Chinese Gooseberry

*Actinidia chinensis*. V1. "Chinese Gooseberry." Fast growing, twining shoots, big, roundish, 5-inch leaves, 2-inch white flowers in spring, and large, 2-inch fruits like giant gooseberries. Plant two to be sure of getting fruit. Loses leaves in winter. Sun or part shade. Gal. tins, \$1.00; 5-gal. tins, \$2.50.

## Blue-Berry Climber

*Ampelopsis brevipedunculata*. V2. "Blue-Berry Climber." Below zero. Big, handsome, three-pointed, five-inch leaves will thickly cover wall or arbor, and in late summer or fall the vine is brilliant with many clusters of the most beautiful shining metallic blue berries which make wonderful decorative material when cut. Can be grown in sun or shade in almost any climate. It has the most beautiful ornamental berries of any vine that we grow. Leafless in winter. Gal. tins, 85c each.



Giant Burmese Honeysuckle (*Lonicer hildebrandiana*). These Magnificent Flowers, Shown Here Less Than Half Size, Become 6 or 7 Inches Long.

## Beautiful Bomarea

*Bomarea caldasiana*. P10. "Orange Climbing Peruvian Lily." 27°. A remarkable climbing herb with striking flowers of great beauty. It has grassy broad foliage, grows to 4 or 5 feet, needs a fence or trellis to twine around, and throughout spring and summer it has big clusters of 2-inch tubular flowers that look like a cross between an orchid and a trumpet flower. Brilliantly colored in orange, yellow and red. Rare and scarce. Sun near coast, half-shade elsewhere. Gal. tins, \$1.25.

## Bougainvilleas

*Bougainvillea spectabilis*. V6. "Purple Bougainvillea." 20°. The hardiest of the Bougainvilleas, bearing a mass of brilliant reddish-purple flowers against a background of bright green leaves. Easily grown, but needs sun. Gal. tins, 85c; 5-gal. tins, \$2.25.

*Bougainvillea spectabilis* Crimson Lake. VT1. 26°. Just as vigorous in growth as the above but immensely different in the color of the flowers, which are brilliant crimson. Fairly tender, full sun. Particularly fine on the seacoast in Southern California but splendid in milder interior sections as well. Gal. tins, 85c; 5-gal. tins, \$2.50.

*Bougainvillea spectabilis* pretorius. VT2. "Bronze Bougainvillea." 26°. The most unusual of the Bougainvilleas because of the beautiful color of its bronzy gold flowers which change at times to apricot or orange-yellow. Best near seacoast or in frostless areas. Gal. tins, 85c; 5-gal. tins, \$2.50.

## Orange-Red Trumpet

*Campsis tagliabuana* Mme. Galen. V7. (*Tecoma grandiflora*.) "Orange-Red Trumpet Vine." Zero. The most floriferous and gorgeous of all Trumpet Vines, with great clusters of very large brilliant scarlet-orange flowers, borne in great profusion in spring and early summer. Perfectly hardy anywhere. See illustration below. Bare root during January, February and March. \$1.25; 5-gal. tins, \$2.25.

## Evergreen Grape

*Cissus capensis*. V7A. "Evergreen Grape." 24°. One of the most luxuriant, picturesque and daintily foliaged of all vines for rambling over a large space is this wild grape vine, with its all-year foliage and reddish black edible fruits in the summer which make some of the most delicious jelly you have ever tasted. Sun or part shade. Gal. tins, 80c; 5-gal. tins, \$2.25.

## Glossy Winter Foliage

*Cissus hypoglauca*. V8. "Glossy Leaved Creeper." 20°. An informal rambling creeper or climber which will spread over any kind of an object in a short time. We like it because of its handsome shiny evergreen foliage, which looks as though it had been polished the middle of winter as in the spring. One of the most beautiful foliage vines that we grow. Gal. tins, 80c; 5-gal. tins, \$2.25.

Blood Red Trumpet Vine (*Phaedranthus*). See Page 62.



## Rosa de Montana

*Antigonon leptopus*. V4. "Rosa de Montana." "Queen's Wreath." 10°. This magnificent flowering vine from Mexico thrives almost anywhere in Southern California, including the milder desert sections, grows very rapidly to 20 or 30 feet, and from early spring to late autumn is a mass of bright rose-pink heart-shaped flowers. Dies down in winter. Plants available March 1 to December 1. Gal. tins, \$1.00.

Orange-Red Trumpet Vine



Sky-Flower (See Page 62)



Hibbertia (See Next Page)



# Armstrong Flowering Vines



The Fragrant Chilean Jasmine

## Large Flowered Clematis

*Clematis jackmani*. V10. "Purple Clematis." Zero. The showy, large-flowered Clematis with the big, bright purple flowers which are so highly prized in the East and Middle West. They do not thrive quite so well in California, but can easily be grown if desired. The top should be cut off at the ground during winter and allowed to start over in the spring. Part shade. Gal. tins, \$1.25.

## Violet Trumpet Vine

*Clytostoma callistegioides*. V12. "Violet Trumpet Vine." 18°. Lovely large glossy foliage, covered with lovely big flowers of delicate violet in late winter and early spring. The delicate beauty of its flowers and the luxuriant, dark green foliage makes it one of California's most beautiful vines. It will clamber over fence, wall, building, or over a shrub or tree if you want it to. Sun or shade. Gal. tins, 75c; 5-gal. tins, \$2.00.

## A Lavender Beauty

*Distictis lactiflora*. V13. "Vanilla Scented Trumpet Vine." 20°. This is one of the finest of all vines for the milder regions of California, making a dense mass of deep green foliage, covered almost all spring, summer and fall with big trumpet-shaped flowers 3½ inches across, purple when they open, lightening to various lovely shades of lavender as they age. Blooms almost eight months in the year and the flowers are delightfully vanilla-scented. Gal. tins, 85c; 5-gal. tins, \$2.00.

## Royal Trumpet Vine

*Distictis riversi*. V14. "Royal Trumpet Vine." 20°. See illustration front cover. A more rampant climber than the Vanilla Scented Trumpet Vine above. This new hybrid has an abundance of big glossy leaves, handsome all through the year. Almost every day in the year you can see on it clusters of long, flaring trumpets, almost 6 inches in length, the tube of the trumpet a brilliant yellow, and the open face a gorgeous royal purple which changes as the flowers age to rich shades of violet and lilac, always with a vivid orange color in the throat. Its brilliancy is breath-taking, and it's fragrant too. The size of the flower will startle you. Full sun. Plant Pat. No. 554. Gal. tins, \$1.25; 5-gal. tins, \$2.50.

## Yellow Trumpet Vine

*Doxantha unguis-cati*. V15. (*Bignonia tweediana*.) "Catclaw Yellow Trumpet." Zero. Large, brilliant yellow trumpet flower, 3 inches long, 4 inches across. The long, slender shoots cling to any surface (that's the reason for the name), making a dense mat of foliage. Excellent for the desert (or anywhere else). Best in sun. Gal. tins, 75c; 5-gal. tins, \$2.00.

## Clings to Any Surface

*Ficus pumila*. V16. "Creeping Fig." 15°. The best evergreen vine for covering stone, brick or wood, making a close mat of small heart-shaped dark green leaves which cling closely to any surface. Thrives anywhere in California. Sun or part shade. Gal. tins, 65c.

## Showers of Yellow Gold

*Gaudichaudia mucronata*. V13. "Gilded Fairy Vine." 28°. A beautiful and rare climber from the high Mexican mountains which has fascinated us by its beauty and charm. Fast growing, with graceful, small foliage, it becomes covered in the fall months with sprays of lovely little 1½-inch, brilliant yellow blooms which cascade down over the plant in rippling masses. When the sun shines on the flowers they have a peculiar glittering effect as though they had been sprinkled with gold dust. It does well under average garden conditions here in Southern California. Sun or semi-shade. Gal. tins, 85c; 5-gal. tins, \$2.00.

## Carolina Jessamine

*Gelsemium sempervirens*. V17. "Carolina Jessamine." 12°. A slender twining vine, rapid growing and hardy, covered in spring with golden-yellow, fragrant, bell-shaped flowers. Splendid for framing a small arch, gateway or low fence, where moderate size is desired. Gal. tins, 65c; 5-gal. tins, \$2.00.

## Dainty Hardenbergias

*Hardenbergia comptoniana*. V18. "Vineliac." 22°. Among all blue flowering vines this is our favorite. It sends its dainty, twining, slender leaflets over and around any kind of a fence or other object, and even shoots up into over-hanging shrubs or trees, and then in late winter is a marvelously beautiful sight when covered with its myriad 6-inch racemes of lovely violet-blue pea-shaped flowers. Among the few vines which will thrive on the north side of the house. Gal. tins, 75c; 5-gal. tins, \$2.00. *Hardenbergia bimaculata*. V17A. More bushy than *H. comptoniana*, with slightly broader foliage but with the same beautiful dark violet-blue flower spikes. Also hardier. Gal. tins, 75c.

## Golden Hibbertia

*Hibbertia volubilis*. V21. "Guinea Gold Vine." Its flexible twining branches grow rapidly to 8 or 10 feet, clothed quite densely with handsome, heavy textured, dark green foliage against which are borne for many weeks in summer quantities of brilliant yellow flowers of the size shown on preceding page. Probably the best evergreen, yellow-flowered climber that we offer. The flowers are about the size and shape of an English gold guinea. Sun or part-shade. Gal. tins, 85c; 5-gal. tins, \$2.25.

## Evergreen Ivies

*Hedera canariensis*. V19. "Algerian Ivy." 10°. We like it better than English Ivy because it grows faster and has bigger and brighter green leaves 6 inches across. Gal. tins, 65c; 5-gal. tins, \$2.00.

*Hedera canariensis multicolor*. V20. 10°. Beautiful big leaves handsomely blotched with light green, dark green, and creamy yellow. Shade or semi-shade. Gal. tins, 65c; 5-gal. tins, \$2.00.

*Hedera helix*. V20A. "English Ivy." 10°. Excellent wall for bank covering in sun or shade. Gal. tins, 50c; flats of 100, \$2.50.

*Hedera helix Maple Queen*. V20C. 10°. The finest dwarf Ivy for indoor use. Plant Pat. No. 430. 3-inch pots, 50c.

## Two Beautiful Jasmines

*Jasminum officinale grandiflorum*. V24. "Spanish Jasmine." 10°. Extremely vigorous, rapid growing, resistant to heat and very hardy. The large pure white flowers are extremely fragrant, this variety producing the essence which forms the basis of the world's finest perfumes. Thrives from coast to desert. Gal. tins, 65c; 5-gal. tins, \$2.00.

*Jasminum mesnyi*. (*J. primulinum*.) V23. "Primrose Jasmine." Zero. A fine winter blooming yellow-flowered Jasmine with long pendulous green branches which may be trained along a fence, over a pergola or as a big shrub. Flowers almost 2 inches across, only slightly fragrant. Gal. tins, 75c; 5-gal. tins, \$2.00.

## Honeysuckles

*Lonicera japonica halliana*. V28. "Hall's Honeysuckle." Zero. Delightfully fragrant, white flowers, changing to yellow. It thrives equally on coast or desert, in sun or shade. For rapid growth, dense foliage, and quantities of fragrant flowers this Honeysuckle is unexcelled and it grows easily anywhere. Gal. tins, 60c.

*Lonicera etrusca Cream*. V26. "Etruscan Honeysuckle." 10°. An improvement over Hall's Japan, with creamy yellow flowers, 2 inches long, becoming deeper in color as they age, almost orange. The blooms are larger than Hall's Japan, much more colorful, and even more fragrant. The foliage is larger and more handsome than most honeysuckles and it grows rapidly. Gal. tins, 75c.

*Lonicera sempervirens Scarlet*. V29. "Scarlet Woodbine." Zero. The large, showy, orange-scarlet flowers have the brightest color in Honeysuckles. Easily grown anywhere. Does not get as dense in growth as Hall's Japan. The brilliant scarlet flowers attract much attention everywhere. Gal. tins, 65c; 5-gal. tins, \$2.

*Lonicera telmanniana*. V30. "Golden Giant Honeysuckle." Zero. Here is something new and unusual. A magnificent, vigorous, luxuriantly foliaged Honeysuckle with beautiful, large, intense golden yellow blooms, tipped with bronzy red. A mass of beautifully colored blooms in late spring and perfectly hardy anywhere. Sun. Gal. tins, 85c; 5-gal. tins, \$2.25.

## Giant Burmese Honeysuckle

*Lonicera hildebrandiana*. V27. "Giant Burmese Honeysuckle." 20°. The giant of all the Honeysuckles, covering large spaces and with enormous flowers reaching the unbelievable dimensions of 7 inches, yellow, changing to orange, red and buff, most deliciously fragrant. Most plants offered of this rare Honeysuckle are grafted on other roots and will never be satisfactory because they "sucker" badly. Ours are cutting grown and will always remain true. Especially fine right on seacoast. Sun. Gal. tins, \$1.25; 5-gal. tins, \$2.75.

Vanilla Scented Trumpet Vine (*Distictis lactiflora*)





## Chilean Jasmine

*Mandevilla suaveolens*. V31. "Chilean Jasmine." 5°. The big, white, trumpet-shaped flowers, 2 inches across, have the delicious sweet Jasmine scent, and they are larger and showier than the true Jasmines. Is hardy and has big, handsome foliage but put it where you want sunshine in winter because it usually drops its leaves in cold weather. Gal. tins, 75c.

## Big Green Butterflies

*Mascagnia macroptera*. V32. "Green-Gold Vine." 18°. We could use a half column to express our admiration and enthusiasm for this lovely flowering vine from western Mexico. Against a background of handsome honeysuckle-like foliage are borne all during the summer months sprays and clusters of brilliant, shining golden yellow flowers, about three-quarters of an inch across, followed by, and often side by side on the vine with, beautiful, big, 2-inch seedpods which look like chartreuse colored (yellow green) butterflies of enormous size. These are lovely both on the vine and as cut decorative sprays for the house. Of medium size, likes full sun, dry soil. Gal. tins, \$1.00; 5-gal. tins, \$2.50.

## Ivory White Trumpets

*Oxera pulchella*. V33. "Ivory White Trumpet Vine." 25°. Possibly the loveliest of all white flowering vines. In the fall of the year it is a solid sheet of ivory-white trumpet-shaped blooms, 2 inches long, 1 to 2 inches wide, so waxy and delicate in texture that you can hardly believe them real as they shine out against the handsome, dark glossy green foliage. Semi-shade. Best along coast or in sheltered foothill districts. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## Boston Ivies

*Parthenocissus tricuspidata veitchii*. V34. (*Ampelopsis veitchii*) "Small-Leaved Boston Ivy." Zero. A vine which clings to any surface unaided and closely covers walls, chimneys and stonework with a soft mantle of green in the summer, turning to gorgeous reds and yellows in autumn, dropping in winter. Sun or shade. Gal. tins, 75c.

*Ampelopsis tricuspidata*. V2. "Boston Ivy." Zero. Leaves twice as large and a much brighter, glossier green but with same rich autumn colors. Clings to any surface. Deciduous. Gal. tins, 75c.

*Passiflora edulis*. V35. "Passion Vine." Delicious fruiting vine. See page 7.

## Blood Red Trumpet Vine

*Paedranthus buccinatorius*. V36. (*Bignonia cherere*) "Blood Red Trumpet Vine." 24°. A splendid evergreen climbing shrub which sends its heavy, dark green foliage everywhere, and all through the spring, summer and fall is covered with clusters of great blood-red, tubular flowers. It will climb over anything and will cover stone walls, fences, or buildings with a dense mantle of green in a short time. Almost everblooming. Full sun. See illustration in color on page 60. Gal. tins, 75c; 5-gal. tins, \$2.00.

*Philadelphus mexicanus*. V37. "Climbing Syringa." 12°. Fragrant flowering shrub which can be used as a vine. See page 55.

## Silver Lace Vine

*Polygonum auberti*. V38. "Silver Lace Vine." Zero. A hardy, fast-growing, twining, deciduous vine, smothered with great clouds of small, white, fragrant flowers in panicles in late summer when flowers are scarce. Gal. tins, 75c.

## The Kudzu Vine

*Pueraria thunbergiana*. V39. Kudzu Vine. Zero. For producing a quick effect this vine has no equal, since it often makes a growth of 40 to 60 feet in one season. A perennial, dying down each winter and coming up again in early spring. Leaves a foot across. Showy pea-shaped purple flowers. Large roots, 60c each.

## The Flame Vine

*Pyrostegia ignea*. V40. "Flame Vine." 26°. For brilliancy of color and abundance of bloom, this magnificent vine is difficult to excel. Its handsome foliage is smothered with a brilliant mass of vivid flaming orange-scarlet flowers all through the winter. The top of the vine must be in full sun. Easily grown in the warmer sections of California. Gal. tins, 85c.

## Cup of Gold

*Solandra guttata*. V41. "Cup of Gold." 26°. A tall, vigorous vine with big shiny leaves, and enormous trumpet-shaped, golden-yellow flowers 6 to 8 inches across and quite fragrant. A very showy, spectacular vine which needs plenty of room. Sun. Gal. tins, 85c; 5-gal. tins, \$2.00.

## Fragrant Corsage Vine

*Stephanotis floribunda*. V42. "Fragrant Corsage Vine." 30°. Here is one of those rare and lovely vines you dream about. The snowy white, exquisite shaped blooms, waxy in texture, 1 to 2 inches long, and with a fragrance so delightful and permeating that it will fill the entire garden. The thick, 4-inch, glossy leaves are beautiful in themselves. Sun or shade. Plenty of moisture. Best along coast. Gal. tins, \$1.50 each.



Left to Right Above: Flowers of Double Violet Wistaria, Long Cluster Wistaria, White Chinese Wistaria and Blue Chinese Wistaria. The Flower Clusters of the Long Cluster Wistaria Shown Above are Cut Short and are Actually About One-third Longer in Proportion to the Others.

## Cape Honeysuckle

*Tecomaria capensis*. V43. "Cape Honeysuckle." 22°. May be grown as a half climber or a large shrub. Has thick bright green foliage and clusters of bright red flowers like scarlet Honeysuckle in the fall and winter when other flowers are scarce. (But no fragrance like Honeysuckle.) Gal. tins, 75c each; 5-gal. tins, \$1.85.

## The Blue Sky Flower

*Thunbergia grandiflora*. V45. "Sky-Flower." 26°. Of extremely rapid growth, with large heart-shaped leaves which overlap to make a dense covering, the individual 3-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 up and blooms the same season. Usually blooms in fall, winter and spring. Semi-shade or morning sun. See illustration in color on page 60. Gal. tins, 85c; 5-gal. tins, \$2.25.

*Thunbergia gibsonii*. V44. More of a ground cover than a vine. See page 58.

## The Star Jasmine

*Trachelospermum jasminoides*. (Rhynchospermum. V46. "Star Jasmine." 15°. From the Malay Peninsula comes this splendid vine, which will absolutely dominate the garden in spring and early summer by the marvelous perfume which it wafts on the air from a myriad little star-shaped white flowers like miniature pinwheels. Worth planting for one whiff of its delicate, delicious fragrance. The vine is strong growing but not rampant, with big, leathery, glossy leaves which make a dense mass, and it thrives equally well in full sun, shade or semi-shade. Hardy almost anywhere in California. May also be grown as a large shrub if pruned. Gal. tins, 85c; 5-gal. tins, \$2.00; trellised plants, \$3.00.

## Gloryvine Grape

*Vitis coignetiae*. V47. "Gloryvine Grape." Zero. A fast growing, heavy foliated vine, with great plush-like leaves, 8 to 12 inches across, which turn brilliant shades of red and bronze in autumn. Loses its leaves for the winter. It bears big clusters of fine blue-black grapes, excellent to eat or for jelly. A much more beautiful vine than any of the fruiting grape varieties because of its summer and fall foliage. Gal. tins, 75c; 5-gal. tins, \$2.00.

## Wistarias

Wistarias grow so rapidly everywhere and their long, pendulous flower clusters are so beautiful that they are one of the most popular of the spring flowering vines, but give them plenty of room. They really go places. Full sun. Leafless in winter. Prices on Wistarias: 2-yr. bare root (from Dec. to April), \$1.25; 3-yr. in 5-gal. tins, \$2.50.

*Wistaria sinensis*. V50. "Chinese Wistaria." Zero. Probably the most popular of all the Wistarias is this variety, covered with its giant blue flower clusters before the leaves appear in the spring. Never fails to bloom.

*W. sinensis alba*. V51. "White Chinese Wistaria." Zero. Same as above but with white flowers and a honey-sweet fragrance.

*W. violacea plena*. V52. "Double Chinese Wistaria." Zero. A beautiful double flowering variety, with long, violet-blue flower clusters. Fragrant.

*W. floribunda macrobotrys*. V48. "Long Cluster Wistaria." Zero. Probably the most beautiful of all Wistarias because of the extreme length of its lilac flower racemes, which often measure over 2 feet. Blooms later than the Chinese but not so profusely.

*W. floribunda macrobotrys rosea*. V49. "Rose Long Cluster Wistaria." Zero. The long, slender racemes are light lavender-pink.

Climbing Roses. See pages 67 to 76.

The Fragrant, Snowy White, Waxy Flowers of Stephanotis.



# Newer Climbing Roses

Here are the best of the new climbing roses, based on our tests here in Southern California and on observations elsewhere. Ten or more assorted roses (sometimes three) sold at reduced prices. See page 68.

## 1943's Best

**Climbing Picture. RC24.** (Armstrong Nurseries.) Last year the Bush Rose, Picture, was the most popular pink variety in our entire list. That's why we think that the most outstanding new climbing rose of 1943 is this big, strong, beautifully foliaged, climbing type of the same variety. Where you get dozens of fine blooms on the bush form, you'll get hundreds of beautiful, long-stemmed, perfectly formed buds on this climber every spring, with every flower a "Perfect Picture." Clear rose-pink with warm salmon undertones, enchantingly fragrant. Plant Pat. No. 524. \$1.50 ea.\*

**Climbing Texas Centennial. RC27A.** (Weaver.) A big, vigorous grower, blooming profusely in the spring. The big, brick-red buds with their rosy red open flowers are even larger, more lovely and borne on longer stems than on the bush form. Order early, because we'll be sold out quickly. Plant Pat. Applied For. \$1.50 ea.\*

## New Yellow

**Climbing Golden Rapture. RC16.** (Armstrong Nurseries.) In our opinion, the yellow rose with the most beautifully formed bud and open flower is Golden Rapture. The bush form of this rose has increased in popularity by leaps and bounds since it was introduced several years ago, and this is a new Armstrong-originated climbing form of this glorious rich shining yellow rose. Not only will it produce hundreds of magnificent blooms in the spring to reflect the sunshine in the garden, but it will provide many long-stemmed, perfect buds for cutting. We expect it to be the No. 1 yellow climbing rose for the Pacific Coast and the Southern States. The bush variety of this beautiful yellow rose is listed on page 70. Plant Pat. No. 508. \$1.25 each.\*

## Climbing Golden Rapture

See also Bush Variety described on page 70.



**Climbing Picture**

Our most popular pink bush rose (see page 73) now climbs too.

## Climbing Mrs. Sam

**Climbing Mrs. Sam McGredy. RC22.** (Western Rose Co.) For many years the bush form of this variety has been pleasing thousands of rose lovers with its beautifully formed, coppery orange buds and flowers, and now when we can have that beautiful, glossy, bronzy green foliage, the most luxuriant and handsome in the rose world, spread over fence or wall and get dozens of those beautiful long-stemmed blooms instead of just one, we feel very happy about it, and you will too when you get one in your garden. Plant Pat. No. 394. See illustration page 72. \$1.00 ea.\*

## Gay Mood

**Gay Mood. RC30.** (Lammerts, introduced by Armstrong.) Ever since the first plant of this new seedling bloomed in the trial rows we have gloried in the rich, deep coral-flame color of the buds and flowers which are produced all over the 6-foot plant, their beauty and brilliancy enhanced by a background of large, glossy foliage. Amazingly colorful in the spring, and keeps on flowering right through the summer. It has put us all in a gay mood, and we hope it will do the same for you. \$1.00 each.

## Deep Dark Red

**Climbing Night. RC23.** (Armstrong Nurseries.) This new climbing rose of our own introduction we believe to be the finest deep red climber. Large, full flowers of deep crimson, shaded black and maroon, opening out to beautifully shaped blooms and saturated with the same delightful cinnamon-clove fragrance which the Bush Rose Night possesses. It is a vigorous climber and for us has bloomed exceptionally well. A large plant covered with these velvety textured, fragrant, deep dark red blooms certainly is a delightful thing to have in any garden. Plant Pat. No. 439. \$1.25 each.\*

## Sunshiny Gold

**Sungold. RC39.** (Geo. C. Thomas, Jr.) You can have glorious golden sunshine in your garden throughout the spring blooming season and can take it right into your house, with this fine yellow climber, which produces great quantities of lovely, long, slender buds, golden yellow with a hint of lemon, produced on long stems for cutting. Opens up into full, double flowers, holding their shape and color well under all conditions. Glossy, mildew-resistant foliage. Hardy on East coast. \$1.00 each.

## Golden Star Climber

**Climbing Cecil. RC9.** (Armstrong.) So far as we know, there has been no bright yellow, single climbing rose until our introduction of this new climbing sport. Visualize these giant 4-inch, golden, star-like blooms shining out against a background of large, glossy, luxuriant foliage in your garden. \$1.25.

## Climbing Hinrich Gaede

Described page 65. See also Bush page 70.



## An Orange for Coast to Coast

**Rose Anne. RC38.** (George C. Thomas, Jr.) A moderate grower, suitable for smaller spaces. The flowers are a beautiful soft orange-apricot and borne on 18-inch stems, one of the finest Climbing Roses for cutting that has ever been grown, and it blooms not only in the spring, but at intervals throughout the summer as well. Splendid reports reach us on its behavior in the East, South, and on the Pacific Coast, so it evidently is a coast-to-coast rose. Awarded Certificate of Merit in 1939 by American Rose Society. \$1.00.

## Blooms All Summer

**Captain Thomas. RC5.** (George C. Thomas, Jr.) A magnificent climbing rose in every way. The flowers are single, medium size, creamy yellow in color, produced almost every week during spring, summer and fall—a most remarkable characteristic in a climber. Quite hardy, and in colder climates makes a 5 or 6 foot pillar, growing up to 8 feet in California. Even without the beautiful flowers, its handsome, glossy foliage is worthwhile as a lovely covering for fence or wall. It is practically mildew-proof, and in California is evergreen. Plant Pat. No. 393. \$1.00 each.\*



# Standard Climbers

See page 68 for reduced prices on 10 or more bush or climbing roses. Shipping costs are low on roses.

## Gigantic Pink Blooms

**Belle of Portugal. RC1.** There is no more vigorous grower among Roses than this variety and 10 or 12 foot canes the first season are to be expected, so give it plenty of room. The amazingly beautiful salmon-pink buds are also gigantic in size, often 3 and 4 inches in length. Do not expect it to bloom the first year after planting because it is too busy growing, but thereafter be prepared to admire it, for it is a mass of bloom from January to May in California, where it often starts to bloom in mid-winter. 75c ea.

## Billy Boiler

**Billy Boiler. RC2.** We think that this variety has the most perfect blooms of any red climber. The robust plant sends up many canes to 12 feet, and at the tip of each side branch on great long stems for cutting are the immense flowers, absolutely perfect in every way, deep red, with blackish shadings, quite double, beautifully shaped and deliciously fragrant. The color does not fade in the hottest sun. 65c each.

**Banksia White. RC3.** A rampant old California climber, spreading all over the place, festooned in the springtime with a profusion of little, button-like, white flowers. Absolutely thornless. We have a few of the **Yellow Banksia, RC4**, also. \$1.00 each.

## Climbing Countess Vandal

**Climbing Countess Vandal. RC11.** The bush form of Countess Vandal, with its long, pointed buds of coppery-bronze, pink and gold, has been increasingly popular each year. The climbing sport produces the same beautiful buds in even greater profusion and fills two roles, that of a magnificent vigorous climber, covered with beautiful blooms for garden decoration, and as a reservoir of magnificent long-stemmed buds for cutting. \$1.00 each.

## For 50 Years a Favorite

**Climbing Cecile Brunner. RC10.** (Polyantha.) This famous Climbing Rose, with its great quantities of perfect little miniature pink buds and flowers, has long been a favorite in California and will continue to be such. Exceedingly vigorous, with dense handsome foliage. You can cut a bouquet of beautiful little buds from it almost any time of the year, for it is almost a perpetual bloomer in mild climates. 75c each.



The Lovely Orange Climber, Rose Anne (See Opposite Page)

## Climbing Dainty Bess

**Climbing Dainty Bess. RC12.** For years those rose lovers who admire so much the dainty, single, amber-pink flowers of Dainty Bess have been asking for this variety in a climbing form. It is available now and comes up to all expectations. If you like this variety in a bush, and almost everyone does, imagine having a large climbing plant of it covered with hundreds of blooms instead of a half a dozen. 75c each.

**Climbing Etoile de Hollande. RC13.** See description and illustration on next page. \$1.00 each.

**Climbing Golden Emblem. RC15.** It produces great quantities of the same highly colored buds of golden yellow with brilliant red shadings, which are so much admired on the bush form of Golden Emblem. Extremely vigorous, rampant grower, with polished, glossy foliage. 75c each.

**Climbing Rose, Reveil Dijonnais**  
See page 66.

### Climbing Night

The deepest, darkest red in Climbing Roses. See also Bush Variety on page 73.



# Armstrong Climbing Roses

## Climbing Hinrich Gaede

**Climbing Hinrich Gaede. RC18.** The extraordinary brilliant orange-vermillion coloring of this striking Rose is now found in a climber, and what a climber! The color illustration on page 63 gives but a poor idea of the richness and beauty of the flowers on this free blooming Rose, which does not stop with the spring blooming period but continues to produce occasional magnificently colored blooms all through the summer and fall. Plant Pat. No. 244. \$1.25.\*

## Two Favorite Red Climbers

**Climbing Hadley. RC17.** This vigorous climbing sport will produce many times the number of beautiful flowers in a season that can be produced on the bush Hadley. The beautifully shaped, double, velvety red blooms, sweet with the good old Hadley fragrance, have for years been admired everywhere, and few kinds can beat them yet. 65c each.

**Climbing Hoosier Beauty. RC19.** Rich velvety scarlet buds and flowers, long-stemmed and fragrant, borne on a vigorous climber. Hoosier Beauty and Hadley have built up such a fine reputation as red bush Roses that we need only to mention these climbing counterparts to establish the fact that they will be particularly enjoyed in any garden. 75c each.

## Climbing Golden Dawn

**Climbing Golden Dawn. RC14.** The big, sun-flower-yellow, fully double blooms of Golden Dawn are exceedingly popular in the bush form, and this vigorous climbing sport of that variety, which will produce quantities of the fine large blooms on a climbing plant, we think is the best climbing Rose in the lighter yellow shades. It blooms profusely in the spring and has a good many flowers thereafter right up to late fall. The foliage is plentiful and handsome, and it has just about everything that a yellow climbing Rose would be expected to have, including a splendid fragrance. Awarded Certificate of Merit, 1939, by American Rose Society. Plant Pat. No. 243. \$1.00 each.\*

## The Best Red Climber

**Climbing Etoile de Hollande. RC13.** A good strong grower with plentiful foliage, it produces some of the finest big red buds and open flowers that we have ever seen on any Rose, and the blooms are larger and on longer stems than the bush Etoile de Hollande, possessing the same delicate fragrance. We rate it as the finest red climbing Rose that we grow. \$1.00 each.

### Etoile de Hollande

Everyone agrees that this is one of the three best red roses. You can get it as a climber, listed at right, or as a bush, see page 70.

## Best White Climber

**Climbing K. A. Victoria. RC20.** A grand white climbing Rose; large, deep and double; it is the strongest growing, free blooming and most satisfactory of the white climbers. 75c each.

## Climbing Mrs. Thom

**Climbing Mrs. Erskine P. Thom. RC21.** Few will dispute the claim of Mrs. E. P. Thom to be one of the finest yellow bush Roses. The vigorous climber multiplies many times the number of flawless yellow buds which can be produced on a bush. See illustration in color on page 76. 75c each.

## Climbing Hoover

**Climbing President Herbert Hoover. RC25.** The famous President Hoover, with its multi-colored pink, red, yellow, and buff flowers, is vigorous enough as a bush, but as a climber it grows all over the place, producing its beautiful flowers in great profusion, each one on a long stem, every bloom perfect in color and symmetry. See bush illustration on page 74. 65c each.

**Climbing Mrs. Sam McGredy. RC22.** Popular coppery orange. See page 63. \$1.00 each.\*  
**Climbing Night. RC23.** Darkest of all red climbers. See page 63. \$1.25 each.\*

**Climbing Rose Marie. RC26. HT.** The beautifully formed rose-pink flowers are borne in great profusion all during the spring, summer and fall, each flower larger than on the bush, and what a grower this one is, 8 or 10 foot canes in one season. 65c each.

## Climbing Talisman

**Climbing Talisman. RC27.** It is difficult to imagine anything more striking than a fence or trellis covered with the lovely red and gold flowers of the much admired Talisman. On a 4-year-old plant last spring, we counted 311 perfect, long-stemmed buds and flowers at one time. How's that for a marvelous garden show? What a rose! 75c each.

**Climbing Texas Centennial. RC27A.** For the first time this popular rosy red variety with the lovely buds is available as a climber. See page 63. Plant Pat. Applied For. \$1.50 each.\*

## Shining Yellow

**Climbing Ville de Paris. RC28.** In the bright shining yellow shades this has been the best of the Climbing Roses. We introduced it several years ago for the first time, and it originated in our fields. The glossy, large, handsome foliage is not the least of its beauties, for it creates splendid background for the unfading brilliant yellow flowers. 75c each.

## The Dainty Cherokees

We like to recommend the old single-flowered Cherokee Roses for California because they fit in so well with our colorful informal landscapes. The foliage is a bright shining green at all times during the year, and the delicately colored single flowers produced in great masses in the spring and to a lesser degree throughout the rest of the year are lovely indeed. They do best allowed to ramble over a wall or fence without pruning, and bloom over a surprisingly long period. We have **White Cherokee, RC8; Pink Cherokee, RC8;** and **Red Cherokee, RC7.** \$1.00 each.

## Beautiful Pink Buds

**Ednah Thomas. RC29.** Only Mme. Gregoire Staechelin will compete with this variety in its claim to the most beautifully formed buds among Climbing Roses. A magnificent deep clear pink color, which stays unfading to the last petal. A modest grower but the flowers are on long stems for cutting, and they appear not only in the spring but in summer. Mildly fragrant. 75c each.

**Gay Mood. RC30.** You'll capture it by planting this Rose. See page 63. \$1.00 each.

**Gold of Ophir. RC31.** (Beauty of Glazenwood, Fortunes Yellow.) Some of the finest old Rose plants in California are of this variety. A marvelously beautiful thing in the spring with its mass of old gold and apricot flowers which literally cover the plant. The older it gets the more lovely it becomes. \$1.00 each.

## Brilliant Fadeless Pink

**Kitty Kininmonth. RC32.** The flowers of this beautiful Rose are supremely lovely. Very large, ruffled, semi-double blooms of brilliant fadeless pink, in unbelievable profusion. We rather think that it is our favorite pink climber because of its freedom of bloom and beautiful clear soft pink color. 75c each.



Climbing Golden Dawn



# are a Collection of the World's Best

## Mermaid

**Mermaid. RC34.** This magnificent Rose is indispensable in every garden where there is room for it. It can be grown in almost any form desired—either as a climber on wall or fence, as a pillar Rose, or just as a big rambling bush, and in every case it makes a great mass of the most beautiful glossy evergreen foliage, just as handsome in winter as in summer. It blooms steadily throughout the season and produces quantities of exquisitely beautiful single flowers of great size, pale sulphury-yellow with a gold center. 75c each.

**Marechal Neil. RC33.** Superb old lemon-yellow Noisette, with its large, globular, highly perfumed blooms, still popular, although it was introduced in France in 1864. Exceedingly vigorous and profuse in bloom, especially fine in California and the Southern States. \$1.00 each.

## Tiny Dwarf Roses

### Rosa Rouletti

**Rosa Rouletti. RM4.** Here is one of the most interesting little Rose plants in the world, for the plant, which grows easily either in a pot or in the open ground, seldom gets more than 6 or 8 inches high and produces almost continually great quantities of perfect little double flowers, deep pink in color, so small that 12 buds occupy but one-half of a walnut shell. The open flowers are three-quarters of an inch across. 4-in. pots, 75c each, 3 for \$1.95.

**Miniature Rose Collection.** We offer a special group of three of these unique Dwarf Roses, including two Pixie and one Rosa Rouletti, for \$1.95. **Order Collection No. 8.** Plants in 4-inch pots, wt. 1½ lbs. each packed. See page 41 for mailing cost.

## Armstrong Tree Roses

Standard or Tree-shaped Roses are grown by budding the variety of Rose desired into a tall, straight stalk at a height of 36 inches from the ground, forming a bushy head at the top of this straight stalk. Many Rose varieties produce even more blooms when grown in this way than on an ordinary bush, and the individual flowers are frequently larger and more brilliantly colored. For lining walks, emphasizing corners, or planting in locations where height is desired, they are excellent. We believe Armstrong Tree Roses to be the finest produced in this country. Tree Roses are shipped without earth on the roots in the months of December, January and February. After that date they are shipped in 5-gal. tins.

Price \$2.25 each, \$20.00 per 10 (except where noted). Those marked with a \* below sold at each rate only. **Shipping Weight:** Bare root, 7 lbs. for first plant, 2 lbs. for each plant added. 5-gal. tins, 55 lbs. each.

### Tree Rose Varieties

**Charlotte Armstrong. RT1.** Long, blood-red buds and brilliant cerise flowers. \$2.50 each.\*

**Christopher Stone. RT2.** Glowing, brilliant crimson-scarlet which does not fade.

**Condesa de Sastago. RT3.** Brilliant scarlet and shining yellow. Startling bi-color.

**Countess Vandal. RT4.** Salmon-pink shaded copper and gold. \$2.50 each.\*

**Crimson Glory. RT5.** Velvety crimson shaded maroon; extremely fragrant flowers. \$2.50 ea.\*

**Eclipse. RT6.** Long, slender, streamlined yellow buds in profusion. \$2.50 each.\*

**Etoile de Hollande. RT7.** Probably the best; red; exceedingly fragrant.

**Golden Rapture. RT8.** Bright shining yellow.

**Grande Duchesse Charlotte. RT9.** A new shade of red—rich claret. \$2.75 each.\*

**Hadley. RT10.** Long a popular red rose and still a good one. Old time fragrance.

## The Spanish Beauty

**Mme. Gregoire Staechelin. RC35.** For sheer exquisite beauty of color and form, this pink Rose from Spain is unexcelled. The plant makes a vigorous growth, producing an extraordinary abundance of good-sized delicate pink blooms, shaded carmine, which keep opening for several months in the spring. The buds are long-pointed and the wavy petals form a large, semi-double open flower which radiates a delightful fragrance. 75c each.

## Famous Paul's Scarlet

**Paul's Scarlet Climber. RC36.** 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 flaming color from top to bottom. The flowers do not fade but maintain their color until the petals fall. 65c.

## Dawn in Dijon

**Reveil Dijonnais. RC37.** For sheer brilliancy of coloring this is probably one of the most outstanding climbers ever introduced. The blooms are a brilliant cerise-pink with a bright yellow center. In the center the flowers are borne in great masses and each bloom is immense in size. One of the most spectacular of all climbers, so rich in coloring that you can hardly believe that the blooms are real. 75c each.

**Rose Anne. RC38.** Orange. See page 63 \$1.00 each.

**Sungold. RC39.** Yellow. See page 63. \$1 each.

### GET THE LOWEST PRICES

See page 68 for quantity rates on roses. Ten assorted bush or climbing roses sold at reduced prices. Be sure to take advantage of these reductions. The best rose buy in our Catalog is the Armstrong Big Ten on page 76.

### Pixie

**Pixie. RM3.** A dainty miniature rose bush only a few inches high (6 to 9 inches), bearing the tiniest white rose buds in the world, fully double, perfectly formed, and so small that you can put a whole bouquet of them into a vase but one inch high. When fully open, the little flowers crowded with minute petals look like dainty white buttons. Both buds and open flowers often show delicate tints of pink, adding to their loveliness. The bushy little plants, which are easily grown anywhere in pots or in the garden, have tiny lace-like leaves and bloom almost continuously. Plant Pat. No. 408. 4-inch pots, 75c each, 3 for \$1.95.\*



Pixie, The Tiniest Rose

**An Armstrong Tree Rose**  
A large head of luxuriant foliage and lovely blooms on a stout 36-inch stalk.



**Heart's Desire. RT11.** Magnificent long red buds; amazingly fragrant. \$2.50 each.\*

**Hinrich Gaede. RT12.** Rich vermilion-orange.

**Imperial Potentate. RT13.** Fragrant rose-pink.

**K. A. Victoria. RT14.** The old favorite white.

**Mary Margaret McBride. RT15.** A 1943 All-America rose. Deep coral-pink shaded gold at the base. \$2.75 each.\*

**McGredy's Ivory. RT16.** Long, fragrant, ivory buds and fine big open flowers.

**Miss Clipper. RT17.** Lovely salmon-pink buds and orange-pink flowers. The world's finest rose fragrance. \$2.50 each.\*

**Mme. Henri Guillot. RT18.** Raspberry-pink to watermelon-pink, magnificent foliage.

**Mrs. E. P. Thom. RT19.** Beautiful bright yellow buds, freely produced.

**Mrs. Sam McGredy. RT20.** Coppery orange.

**Picture. RT21.** Sparkling, warm pink buds and open flowers in great profusion.

**President Hoover. RT22.** Big, multi-color buds of red, pink, buff on very long stems.

**Radiance. RT23.** Favorite silvery pink.

**Red Radiance. RT24.** Fragrant cherry-red.

**Talisman. RT25.** Lovely scarlet and gold buds.

**Texas Centennial. RT26.** Rose-red form of President Hoover; beautiful buds. \$2.50 each.\*


**Two-Color Combination No. 1. RT27.** Two varieties budded into the same head gives you a unique novelty. This one has **Talisman**, yellow and scarlet, and **Mary Hart**, velvety blood-red. \$2.75 each.

**Two-Color Combination No. 2. RT28.** An exceedingly vigorous and free-flowering head is obtained with **President Hoover**, pink, orange and buff, and **Texas Centennial**, rosy brick-red. \$2.75 each.

# Newer Armstrong Introductions

The new roses on this page have been created through hybridization by the Armstrong Research Department, one of the foremost projects of its kind in the world. The beautiful Charlotte Armstrong, recognized only two years after its introduction as one of the finest of all roses, is the outstanding Armstrong origination, but every other kind described below is a new and superior addition to modern roses. The AARS insignia indicates an All-America winner.

## Charlotte Armstrong

 **Charlotte Armstrong. R11.** (Lammerts, introduced by Armstrong.) The finest rose grown or sold by the Armstrong Nurseries in our 52 years of rose growing! That's what we think of this amazingly beautiful new Rose, Charlotte Armstrong, which won the only All-America Rose Award in 1941, the year of its introduction, and since then has been awarded the famous John Cook Medal for "The Best New American Rose since 1935," the Fuerstenburg Prize for "The Best New Rose of American Origin," the Gold Medal of the City of Portland and innumerable other prizes and awards throughout the country.

But most important, thousands of pleased planters throughout the country are telling us and anybody who will listen how much they enjoy all those lovely long, streamlined buds and perfect open blooms of Charlotte Armstrong. It is a rose amazingly beautiful in all stages, from the long, slender, rich carmine buds through the magnificent, brilliantly colored spectrum-red flowers, to the still lovely full-blown blooms of rich cerise. These color terms mean very little—you have to see the flowers to visualize their amazing richness. The long-stemmed blooms are produced in great quantities throughout the season and are ideal for cutting, and, of course, everybody appreciates the strong, vigorous, free-branching growth which clothes the plants luxuriantly with handsome foliage. It is a pleasure to have a variety like this in the garden which grows prodigiously without coddling and never stops blooming throughout the whole season. And reports from cold climates indicate that it is hardier than most roses too. From Maine to California, it has been a great success. Plant Pat. No. 455. \$1.25 each.\*

## Times Square

**Times Square. R93A.** (Lammerts, introduced by Armstrong.) If you have ever seen New York City's busiest corner before the dim-out, with its kaleidoscopic, colorful bright lights, always changing but always brilliant, you know why this Rose was called Times Square. Its big ovoid bud and enormous, big-petalled flower come in prevailing shades of orange and apricot with dashes of brilliant yellow and rich red. Always redolent with heavy rose fragrance. Long heavy stems and big, glossy, polished leaves. The plant is large, tall and free-branching. Propagation Rights Reserved. \$1.50 each.\*

## The Chief Exceedingly Fragrant

 **The Chief. R92.** (Lammerts, introduced by Armstrong.) This new rose has amazed observers with its gigantic, extremely long buds and the delightful form and rich color of its blooms. The color of the bud varies with the weather from deep rose to flame, opening to a magnificently full flower of flame, coral and copper, changing to a beautiful shade of orange-pink as the flowers age. The blooms are borne singly on exceedingly long stems, with plenty of thick, heavy, lasting petals, and best of all, they have a rich fruity fragrance which few Roses can equal. A spreading vigorous plant, remarkably resistant to mildew. A 1941 All-America Rose Selection. Awarded Silver Medal, Portland Rose Test Gardens, in 1940. Plant Pat. No. 456. \$1.00 each.\*

## Boutonniere

**Boutonniere. R6.** (Lammerts, introduced by Armstrong.) If you want to be able to go into the garden at almost any time and cut a perfect little bud for your buttonhole or a half dozen for a small vase or corsage, you'll want this new variety. The perfectly shaped, solid, little, orange-apricot buds are full and long lasting and borne in exceeding profusion. The buds open to a rich deep salmon-peach and are pleasantly fragrant. The plant is low and bushy, heavily clothed with glossy foliage which is almost mildew-proof. Plant Pat. No. 454. \$1.00 each.\*

## Little Copper Gems for the Garden

**Copper Nugget. R16.** (Lammerts, introduced by Armstrong.) Just close your eyes and picture to yourself a handsome little rounded mound of glossy foliage about 15 inches high, studded all through the growing season with dainty little miniature buds and small, very double, open flowers, both a rich coppery orange-salmon in color. It is a semi-dwarf plant in keeping with the size of the flower, and it blooms all the time. Propagation Rights Reserved. \$1.00 each.\*

## The Finest Rose Perfume

**Miss Clipper. R59.** (Lammerts, introduced by Armstrong.) How would you like to have the world's richest, most "rose-like" rose fragrance in your garden? Miss Clipper, the new Armstrong Rose for 1943, will provide it for you—and that's not just our opinion. Scientific tests by one of the country's largest chemical companies, conducted in the summer of 1941 in order to find the rose that would produce the finest essential oil for rose perfume, showed conclusively that Miss Clipper has the finest rose fragrance. The long, slender buds and lovely cupped flowers of pale salmon-pink shaded orange and yellow, are good for the eyes, and that intoxicating fragrance is good for the lungs because you'll want to breathe deeply every time you get near a flower. A hundred thousand people admired it, and forty thousand suggested names for it at the 1941 Los Angeles County Fair. Maybe you were one of them. Now you can admire it in your own garden and on your own living room table. Plant Pat. No. 522. \$1.25 each.\*


Note: See color illustration of Miss Clipper on front cover of this Catalog.

## Sierra Glow

**Sierra Glow. R84.** (Lammerts, introduced by Armstrong.) One of the loveliest light pink roses that we have ever seen. The long flaring buds open out into many-petalled, high-centered flowers, lovely at every stage, which last well on the plant and when cut. If you have ever seen that indescribable summer afterglow on the snowy peaks of the High Sierras, you will know where we secured the name for this rose. In the center of the bloom and at the base of the petals is a most unusual tan shade never seen before in roses, while the outer petals are a beautiful silvery sun-bathed pink. Many new roses lack fragrance, but not this one, for it is richly scented with the good old attar of roses perfume with a hint of spice added. The plant is spreading, vigorous and highly disease-resistant.

One of our friends in Atlanta, Georgia, who really knows his roses, says (Oct. 12, 1942): "Sierra Glow, now in its second season with me, more than lives up to its fine first year's performance, and I mean every word of praise I have given this rose in various articles I have written. The bloom is beautiful in all stages and at all seasons. The wood is firm and the foliage virtually black-spot-proof." Plant Pat. No. 521. \$1.25 each.\*

## Hail to the Chief

 **The Chief. R92.** (Lammerts, introduced by Armstrong.) This new rose has amazed observers with its gigantic, extremely long buds and the delightful form and rich color of its blooms. The color of the bud varies with the weather from deep rose to flame, opening to a magnificently full flower of flame, coral and copper, changing to a beautiful shade of orange-pink as the flowers age. The blooms are borne singly on exceedingly long stems, with plenty of thick, heavy, lasting petals, and best of all, they have a rich fruity fragrance which few Roses can equal. A spreading vigorous plant, remarkably resistant to mildew. A 1941 All-America Rose Selection. Awarded Silver Medal, Portland Rose Test Gardens, in 1940. Plant Pat. No. 456. \$1.00 each.\*

## Boutonniere

**Boutonniere. R6.** (Lammerts, introduced by Armstrong.) If you want to be able to go into the garden at almost any time and cut a perfect little bud for your buttonhole or a half dozen for a small vase or corsage, you'll want this new variety. The perfectly shaped, solid, little, orange-apricot buds are full and long lasting and borne in exceeding profusion. The buds open to a rich deep salmon-peach and are pleasantly fragrant. The plant is low and bushy, heavily clothed with glossy foliage which is almost mildew-proof. Plant Pat. No. 454. \$1.00 each.\*

## Little Copper Gems for the Garden

**Copper Nugget. R16.** (Lammerts, introduced by Armstrong.) Just close your eyes and picture to yourself a handsome little rounded mound of glossy foliage about 15 inches high, studded all through the growing season with dainty little miniature buds and small, very double, open flowers, both a rich coppery orange-salmon in color. It is a semi-dwarf plant in keeping with the size of the flower, and it blooms all the time. Propagation Rights Reserved. \$1.00 each.\*



Charlotte Armstrong  
(Above)



The Chief  
Exceedingly Fragrant

# Important Rose Facts

We try to make Armstrong Rose bushes the finest that can be grown. That we have succeeded seems to be shown by the fact that our Rose plants have pleased thousands of planters in the United States during the past 50 years. Armstrong Roses thrive anywhere in this country from California to Maine and from Oregon and Washington to Florida.

**Ready to bloom.** All of our rose bushes are ready to burst into bloom within a few weeks after planting. They are well-rooted and well-branched. Most Armstrong Roses are budded on Ragged Robin (Glorie des Rosamanes) root, which we have found to be the best for most climatic and soil conditions.

**Pruned ready to plant.** Our rose plants are cut back to 12 inches before we send them to you. In most cases it is not necessary to do any further pruning when planting. Follow the planting instructions which accompany the plants, carefully.

**For protection.** Spray the tops of your newly planted rose bushes with "Tree White" and you'll have better results. Add a 5-lb. package of "Tree White" to your rose order. It costs 80c.

**Shipping Time.** Dormant, bare-rooted Armstrong Rose Plants are available for shipments from December 15 to May 1 and are shipped anywhere safely and cheaply during this period. During the rest of the year most kinds are available as blooming plants in 5-gallon tins (wt. 45 lbs. each). To distant points we may take these plants out of the tins and ship them bare root. In Southern California they will be delivered in the containers.

## Planting Calendar

A black square under any month means that plants are available during that month.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	■	■	■	■	■	■	■
5-gal. tin	■	■	■	■	■	■	■	■	■	■	■	■



Boutonniere



Sierra Glow

## Quantity Rates

The price given after each variety applies when less than 10 Bush or Climbing Roses are included in your order. For 10 or more plants reduced rates are given according to the following table and apply on any assortment of Bush or Climbing Roses, with certain exceptions given in the note following the table. Not less than 10 assorted at the 10-rate; not less than 50 assorted at the 100-rate.

Less Than 10 Each	10 or More Each	50 or More Each
\$1.50.....	\$1.25	\$1.10
1.25.....	1.10	1.00
1.00.....	.90	.80
.85.....	.75	.65
.75.....	.65	.55
.65.....	.55	.50
.50.....	.45	.40

**Note:** The varieties marked with a \* after the price are not sold at less than the 10-rate. Those varieties marked with a \* may be ordered in quantities of 3 or more of one kind at the 10-rate. At least 3 of such varieties must be included in any order to get the 10-rate on these particular kinds.

## Shipping Costs & Weights

The transportation charges on rose bushes or any other plant material are based on the table on page 41. Dormant, bare root rose plants weigh 2 lbs. for the first plant and ½ lb. for each additional plant. 12 or less roses are usually shipped by mail, so be sure to include postage based on the table on page 41, with this size order. More than 12 roses will usually be shipped by express and shipping charges will be collected by the express company at destination. We use our judgment as to method of shipment and refund any amount sent us for postage which is not used.

### Grande Duchesse Charlotte

A new red color in roses. See description page 71.



## All-America Rose Offer

**AARS** Each year most of the finest new rose varieties not yet on the market are entered for official test and competition in sixteen official All-America trial and demonstration gardens scattered from New England to California and from Iowa to the Gulf of Mexico. Fourteen of the ablest rose critics in America score these varieties on a uniform point basis, and at the end of a two-year period the scores are averaged and the top-scoring roses are then named as All-America Roses. They are the best of each year.

The Collection below includes all rose varieties winning All-America Awards for 1943, 1942, 1941 and the best of the 1940 winners.

**Mary Margaret McBride. R54.** (1943 All-America.) Clear deep coral-pink suffused with rich gold at the base. \$1.50 each.\*

**Grande Duchesse Charlotte. R38.** (1943 All-America.) A new shade of red in roses, rich claret or brick-red, changing to a begonia-rose. \$1.50.\*

**Heart's Desire. R40.** (1942 All-America.) Magnificent, long, streamlined buds of bright luminous red; superbly fragrant. \$1.50 each.\*

**Charlotte Armstrong. R11.** (1941 All-America Winner.) The finest of all All-America Roses in our opinion. Long, slender, carmine buds and brilliant open flowers of spectrum-red and cerise. \$1.25 each.\*

**Apricot Queen. R3.** (1940 All-America.) Deep salmon-apricot shaded orange-yellow and phlox-pink. \$1.25 each.\*

**Special All-America Rose Offer, one each of the above five All-America Roses (regular single rate value \$7.00) for \$5.85. Ask for Collection No. 9. Add 18c sales tax on California shipments. See page 41 for postage charges. (Weight 4 lbs.)**

# Armstrong Bush Roses

## The Best Standard Kinds From Everywhere

There are thousands of rose varieties, but we try to grow only the very best of both the new and the old kinds. Every rose that we list is a good one so it's just a question of your choosing the color and type that you like best. New Armstrong introductions are described on page 67 and other new varieties are described on page 71.

### The Finest Dark Red

**Crimson Glory. R18.** We rate this comparatively new variety as the Number One Dark Red Rose. It has about everything that a good Rose needs, starting with beautifully shaped, flaring urn-shaped buds which always open beautifully into a magnificent vivid flower of velvety crimson with black and maroon shadings. The glowing deep scarlet color has a velvety sheen that catches either sunlight or artificial light and glows like a red hot coal. The blooms have a pleasant rich fragrance. The plant is vigorous and well foliaged, low and spreading rather than upright. U. S. Plant Pat. No. 105. \$1.00 each.\*

**California. R8.** See page 71. \$1.50 each.\*

### Dainty Bess

**Dainty Bess. R20.** The delicate charm and elusive loveliness of this dainty single Rose have made it the most popular single rose grown. The five-petalled flowers are borne in clusters of three or more, each flower three inches across, delicate pink in color, with a brownish-red overcast and contrasting center of wine-red stamens. The flowers are very lasting when cut, and the bush is strong and tall, blooming continuously. 75c each.

**Dainty. R19.** (Polyantha.) Has large heads of small, semi-double, salmon-pink blooms, a bright and cheerful color. Plant low and bushy, covered with big 6 to 8 inch flower heads almost continually. A beautiful low 15-inch border, and lovely for cutting too 75c each.

**Dame Edith Helen. R21.** Still remains popular. Big, full, double flowers of glowing clear rose pink, produced on a tall, upright, long-stemmed bush. Its immense size, lovely clear color and delightful fragrance, combined with its unusual lasting qualities when cut, make it hard to displace. 65c each.

### Copper-Bronze

**Duchess of Athol. R22.** For intensity of coloring, this Rose is outstanding. The full, double flowers on their heavy stems possess an extremely rich shade of copper-bronze flushed with orange and old rose. You'll find that it will make one of the biggest and most robust plants in your garden, clothed right to the ground with big, handsome, bronzy green foliage and many sturdy flower stems. 65c each.

**Edith Nellie Perkins. R25.** The flowers are two-toned, orange-buff inside the petals and a rich salmon or coppery-pink outside. The long buds are splendidly shaped, have excellent stiff stems for cutting, and are produced in great quantities on the strong, vigorous bush. The only thing it lacks is fragrance, and we can forgive that for its other fine qualities. 75c each.

### A Sun-Tanned Beauty

**Duquesa de Penaranda. R23.** A most intriguing color of orange-apricot, with deeper coppery tones, the huge, pointed buds being quite double, sweetly perfumed and long lasting. A tall, strong grower with beautiful light green shiny foliage. One of the first varieties to bloom in the spring. We think so much of it that we have included it in the "Armstrong Big Ten" listed on page 76. A dependable garden performer in almost any area. 75c each.

**Eclipse. R24.** Long, streamlined yellow buds. See page 72. \$1.25 each.\*

**E. G. Hill. R26.** One of the outstanding reds. See page 75. 50c each.

### Eternal Youth

**Eternal Youth. R27.** The large perfectly formed buds and flowers are a lovely clear soft, cheerful pink, with a touch of salmon, shaded yellow at the base. It is loveliest in the half-open stage, and even when it is full blown, we do not believe that a Rose can be more beautiful. The fragrance is exceedingly sweet and spicy, indeed, there are few more fragrant Roses than this. A medium grower. Plant Pat. No. 332. \$1.25 each.\*

**Frau Karl Druschki. R30.** (Hybrid Perpetual.) Pure white, with immense long buds and very double flowers, wax-like in texture. Hardy everywhere, with long upright growth up to 6 feet. Put it where it has plenty of room to grow because it will greatly exceed most Rose bushes in size. 65c each.

**Fiesta. R29.** The only real striped rose, vermilion and yellow. See page 72. \$1.25 each.\*



Crimson Glory

### The Best White

**Alice Stern. R1.** The perfection of form in bud and open flower and its large size, combined with the splendid, upright, strong growing plant, have forced us to rate this one as the best white Rose. In cool weather there is an ivory tone at the base of the buds, as well as a faint but exquisite hint of pink at the tip. The open flower is white at all times. \$1.00 each.

**American Beauty. R2.** An old-time Spring blooming Hybrid Perpetual with large full blooms of rosy-carmine. Fine in Arizona but of no value on the coast. Rich damask perfume. 65c each.

**Apricot Queen. R3.** See page 71. \$1.25 each.\*

**Austrian Copper. R4.** Becomes a spreading bush 4 or 5 feet high, covered in spring with brilliant 2-inch copper-scarlet blooms, startling and vivid. Do not prune. \$1.00 each.

### Autumn Colors

**Autumn. R5.** The full handsome buds are a superb shade of burnt-orange, and the opening flowers are heavily suffused with russet-brown and bronzy red all over-laid on a background of rich yellow in a color combination reminiscent of the most glorious autumnal foliage. It would be difficult to exaggerate the colors. Deliciously fragrant. 50c each.

**Boutonniere. R6.** For lapel and corsage. See page 67. \$1.00 each.\*

**Caledonia. R7.** The purest white among Hybrid Tea Roses. The beautifully shaped, long, snowy white buds are exquisite and their fragrance is delicious. In certain weathers the buds "ball" and do not always open up properly, but it produces its blooms so profusely and they are so very fine most of the time that we can forgive it those few lapses. 65c ea.

### Girona

Daintily colored, deliciously fragrant



### Cecile Brunner

**Cecile Brunner. R10.** The miniature flowers of this favorite old Baby Rose, rose pink shaded salmon, fill a niche which no other Rose can occupy. A strong grower too, and always in bloom. 65c each.

**Cecil. R9.** Big, 4-inch, star-shaped, golden yellow flowers borne freely on a low-branching, bushy plant, with handsome glossy foliage, blooming from early to late. See new climbing sport of this variety on page 63. 75c each.

**Charlotte Armstrong. R11.** Finest Rose of them all. See page 68. \$1.25 each.\*

**Christopher Stone. R12.** Bright red. See page 75. 75c each.

### Contrast

**Contrast. R15.** A brilliant combination of colors catches the eye at once in this exquisite bi-colored rose. The upper face of the petals is a glowing orange-rose or china-pink in some weathers, while the under side is a light straw color shaded with bronze. Semi-double, beautifully shaped in the bud, borne on long stems, it is a splendid rose for cutting, and you will find the bush to be one of the largest and most vigorous plants in your garden. Fragrance slight but pleasant. \$1.00 each.

### Beautiful Single

**Collette Clement. R13.** The enormous, single, large-petalled, richly colored flowers are a beautiful rich salmon-flame (deep coral-pink in very hot weather), with an intensely yellow center. Exceedingly vigorous growth, large foliage, and spicy fragrance, lead us to recommend it highly. \$1.00 each.

**Condessa de Sasago. R14.** Yellow and scarlet bi-color. See page 75. 65c each.

**Copper Nugget. R16.** See page 67. \$1.00 ea.

### Countess Vandal

**Countess Vandal. R17.** Countess Vandal has established itself as one of the very finest pink Roses. Its long tapering buds of salmon-pink, richly shaded with copper and gold tones, are richly perfumed, and the Countess produces continuously many of these beautifully formed, long-stemmed, lovely blooms. It is exceptionally fine for cutting because long-stemmed buds are nearly always available and they keep exceptionally well after cutting. Buds and open flowers are always perfect no matter what the weather. Plant Pat. No. 38. \$1.00 each.\*



# Are Garden Favorites

## A Glorious Red

**Etoile de Hollande. R28.** This magnificent red Rose is ranked among the first three of its color by everyone who knows Roses, and many will place it first. The perfect buds are of medium size, opening beautifully and cleanly into glorious great flowers with incomparable fragrance, holding its brilliant color to the end. The bush is strong, free branching, and healthy. A Rose that actually has no serious fault. See illustration and description of climbing sport also on page 65. Since it is one of the most outstanding red roses we, of course, include it in the "Armstrong Big Ten" listed on page 76. 75c each.

## Girona

**Girona. R31.** This fine new rose from Spain has been somewhat overlooked in the shuffle, but it's too good a rose to stay overlooked. The full, double flowers are magnificently formed and are beautifully colored in various tones of pink, carmine and yellow. You'll find it one of the most fragrant roses you've ever dipped your nose into, and it produces long-stemmed flowers very freely on a tall, strong beautifully foliaged plant. Splendid for cutting because they keep so well. \$1.00 each.

## Salmon-Pink Buds

**Gloaming. R32.** The flowers are very large high-centered, quite double, in a rich shade of deep salmon-pink with shadings of fawn and yellow at the base of the petals. Always long beautifully shaped buds on rigid, handsomely foliaged stems. Only slight fragrance. We consider it one of the best of the salmon-pink Roses. Plant Pat. No. 137. \$1.25 each.\*

**Golden Emblem. R36.** The lovely long buds of golden yellow are beautifully tinted with crimson on the outer petals, offering a delightful contrast at all times. The glossy green foliage is particularly fine and the buds are borne on long, stiff stems. For 20 years Golden Emblem has held its popularity undimmed in California. 75c each.

## Golden Rapture

**Golden Rapture. R37.** This Rose has produced some of the most perfectly formed bright yellow buds that we have ever seen—not a pale yellow, but a glowing shining rich yellow without any shadings and the color seldom fades. Has a mild but pleasant fragrance. The growth is medium. In our opinion there is no finer yellow Rose in its color class and its perfection of form and richness of color make it popular with everyone who sees it. One of the "Armstrong Big Ten." See color illustration on page 63; also description of climbing variety on same page. 75c each.

**Golden Dawn. R35.** The large, oval buds are a rich sunflower-yellow, heavily diffused with cerise before opening and developing into high-centered, fully double flowers of light lemon-yellow, with the original old Tea Rose scent. The luxuriantly foliaged, much-branched, strong growing plant is not the least of its fine qualities. 65c each.

**Gloria Mundi. R33.** Little double flowers, like baby pompon chrysanthemums—brilliant, luminous, orange-scarlet—borne in great clusters which cover the 2-foot plant. 65c each.

**Glowing Sunset. R34.** A large, robust Rose in every way, with big, fully double, high-centered flowers, excellently formed, borne on a strong, vigorous bush, with large, heavy, glossy foliage. Only the colorings are delicate, but lovely, a soft shade of orange with shadings of pink and apricot-yellow. Plenty of the real old sweet Tea fragrance. Plant Pat. No. 104. \$1.00 each.\*

**Grande Duchesse Charlotte. R38.** See next page. \$1.50 each.\*

## Brilliant Gaede

**Hinrich Gaede. R41.** We can tell you that the general color effect in this flower is orange-scarlet, copper-orange, or luminous vermilion, but no matter how much we juggle the color adjectives, you could not possibly get an idea of the magnificence of its bloom. It has a rich honey-sweet fragrance, and the quite double flowers are borne on long stems on a vigorous strong bush with excellent foliage. See illustration in color on page 63. 75c each.

**Hadley. R39.** Everybody knows this old favorite, which, with its brilliant rich crimson color, vigorous growth, long stems, full blooms and rich fragrance, is close to the top in red Roses. It suffices to say that if you like red Roses you must not be without Hadley. 50c each.

**Heart's Desire. R40.** See next page. \$1.50 each.\*

**Home Sweet Home. R42.** See next page. \$1.25 each.

## Surpassing Fragrance

**Imperial Potentate. R43.** A clear shining rose-pink. Exceptional form and lasting qualities have made this variety one of the finest and best liked pink Roses. It is possibly the most highly perfumed Rose grown. When you bury your nose in a bloom of Imperial Potentate you are amazed at the concentrated sweetness that one bloom can possess. 75c each.

**Innocence. R44.** The great crisp-petalled flowers, 4 inches or more across, are single and snowy white, with contrasting amber stamens, opening from a long, slender, ivory bud. Clove and cinnamon fragrance. 75c each.

**Irish Fireflame. R45.** Buds wonderfully rich in coloring, deep rich orange splashed with crimson, opening to a large, single flower of satiny old gold. The tall, willowy plant produces them in great profusion, and it is most useful for cutting because the dainty flowers are lovely on the table. 75c each.

## Joanna from Indiana

**Joanna Hill. R46.** A slender, daintily colored, orange-yellow bud, which is extremely fragrant, and the colors, while not brilliant, are dainty and lovely. There is no finer Rose of its color for cutting, because the buds keep a long time and are borne on long, upright stems. 50c.

**Jonkheer Mr. G. Sandberg. R47.** Yellow. See page 75. \$1.00 each.

## Splendid for Cutting

**Korovo. R49.** We continue to be enthusiastic about the beauty of this lovely pink Rose, the color being more accurately described as old rose with peach blossom shadings. The full buds are beautifully formed, extremely fragrant, and the plants are so strong and prolific that when we go into the fields to cut a few particularly choice buds we find ourselves coming back many times with a lovely bouquet of glowing pink Korovo. One of the "Armstrong Big Ten." 75c each.

## A Favorite White

**K. A. Victoria. R48.** Pure ivory white, producing quantities of beautiful buds and full flowers. Long considered one of the best white Roses for California because it blooms so freely and continuously, no matter what the weather. If this were a new Rose, we would be writing a 2-inch description of it, but since it is more than 40 years old, we'll just tell you that you'll find it mighty hard to beat anywhere as a white Rose. 65c each.



Autumn

## Los Angeles

**Los Angeles. R50.** A California product, and in color emblematical of the Golden West, it has gained international recognition as one of the finest roses ever produced. The color is a glorious rich flame-pink, shaded gold and yellow. A very large, strong-growing, free-blooming bush, so give it plenty of room. 50c each.

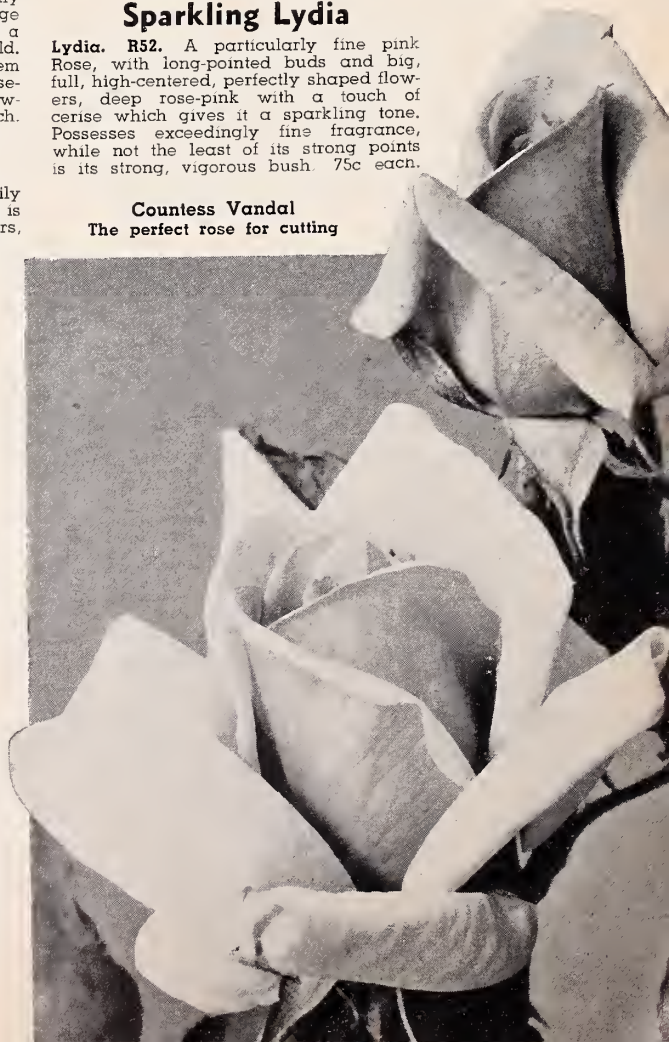
## Lovely Little Lulu

**Lulu. R51.** This dainty little Rose has always been a great favorite with us and with our friends because of the great quantities of dainty, long, slender buds of coral-apricot with which the bush is covered at all times. There is not a Rose more exquisitely formed in the bud stage than Lulu, and an astonishingly large number of Rose lovers will put Lulu at the very top of their list of roses. Plant low and bushy but very vigorous. 75c each.

## Sparkling Lydia

**Lydia. R52.** A particularly fine pink Rose, with long-pointed buds and big, full, high-centered, perfectly shaped flowers, deep rose-pink with a touch of cerise which gives it a sparkling tone. Possesses exceedingly fine fragrance, while not the least of its strong points is its strong, vigorous bush. 75c each.

Countess Vandal  
The perfect rose for cutting



# New Rose Introductions

We offer no new rose varieties unless we have tested them in our own trial gardens or have observed them carefully elsewhere. All new kinds described here we recommend as definitely different and superior to other roses heretofore available. New Armstrong introductions, originated by our own Research Department, are described and illustrated on page 67.

## Apricot Queen

**Apricot Queen. R3.** (Howard & Smith.) Take the richest colors from a perfect tree-ripened California apricot, instill them into one of the most beautifully formed rose buds that you have ever seen and you get some idea of the beauty of this charming Rose. The general color effect is rich deep salmon-apricot, with lovely tints of orange-yellow at the base of the petals and an occasional flush of phlox-red as the flower ages. The magnificent buds have ruffled, lacinated petals and are delightfully fragrant. Plant upright, of medium growth. 1940 All-America. Plant Pat. No. 464. \$1.25 each.\*

## Record Breaker

**McGredy's Salmon. R56.** (McGredy.) Plant this rose in your garden and count the flowers you get off of it in one season and we rather think you'll establish a new high record for number of blooms. It's a mighty good pink rose to start with, with its full, high-centered, orange-pink buds and large, clear salmon-pink flowers and rich fragrance. The low, bushy, much-branched plants just keep sending up those flower buds one after another without a break. Plant Pat. No. 410. \$1.50 each.\*

## Pinocchio

**Pinocchio. R74.** (Kordes.) The loveliest little Polyantha that we've seen in many a year. Great clusters of beautiful little blooms in the brightest, cheeriest, daintiest shades of salmon, flushed with gold, that you can imagine, and every little bud in the cluster is a perfect garden rose in miniature. Lovely in the garden, perfect for cutting. Blooms all season, 20 to 24 inches tall. Plant Pat. No. 464. \$1.25 each.\*

**Pasadena Tournament. R70.** (Marsh.) Very attractive little red buds and blooms of about the same size and shape as Cecile Brunner. Seems to be everblooming, and vigorous. Pat. Applied For. \$1.50 each.\*

## California

**California. R8.** (Howard & Smith.) You will be thrilled with the unusual orange color found in the large buds of this Rose. The flowers have about seventeen of the enormous petals, the buds are large, long and lovely, and the color, particularly in cool weather, is beautiful in its ruddy orange shades toned with saffron-yellow. A strong grower. Delicately scented. At its best in coastal or cooler sections. 1940 All-America. Plant Pat. No. 449. \$1.50 ea.\*

## Heart's Desire

**Heart's Desire. R40.** (Howard & Smith.) The 1942 All-America winner. Its long, pointed buds of pure bright luminous red, without other shadings, are magnificent to behold. They are always borne on long stems, and keep longer than almost any other rose in our fields after they are cut. But the most outstanding feature of the rose is its powerfully sweet and superb fragrance. A few blooms will perfume an entire room. True, it will occasionally display a weak neck and in certain seasons a few globular flowers, but no red rose is without its faults, and we think these are far outweighed by its good points. The plants are tall, vigorous and free-branching, therefore, free-blooming. Plant Pat. No. 501. \$1.50 each.\*

## Queen Astrid

**Queen Astrid. R76.** (Leenders.) Long, slender buds and intense coloring of reddish apricot and lavish shadings of coppery bronze and peach-pink. Everything about it is substantial—the very large, thick, crepe-like petals, the big, cup-shaped flower, the vigorous growth of the bush, but the characteristic you'll admire most is the slender gracefulness of the richly colored buds. Moderately fragrant. Very profuse in its bloom. \$1.00 each.

## Sunlit

**Sunlit. R89.** (Alister Clark.) One of the prettiest little roses you'll ever see, about half the size of the usual Rose, and perfect in every detail. Both buds and open flower are exquisite in form, high-centered, fully double. You'll find yourself putting a few buds in a little vase on your table or mantelpiece every day. The color is apricot-pink, quite intense in the bud, paling to a lighter shade in the open flower, but always lovely. A beautiful little compact plant, handsomely foliaged, and practically thornless. \$1.50 each.

Sunlit

## Home Sweet Home

**Home Sweet Home. R42.** (Wood and Ingram.) Remember those great big, full, old-fashioned spring roses that bloomed in your grandmother's garden back East? Well, here's an old-fashioned rose that will bring those memories back into the modern garden, along with the same old-fashioned, intense rose fragrance. The big double blooms are a glowing bright pink and do not stop with the spring season but keep on coming right through the summer and fall. A moderate grower. \$1.25 each.

## Lots of Buds

**Mme. Edouard Estaunie. R62.** (Bucatois.) We like roses that have lots of perfect buds for cutting and we think most of our customers do too. That's what you'll get from this fine new rose. Long, flaring, urn-shaped, symmetrical buds of creamy nankeen yellow with deeper flesh tones in the center of the bloom and on the under side of the petals. Every bud and half open flower is perfect in form, borne on long, straight stems for cutting on a tall, vigorous, free-blooming plant. A nice spicy scent too. \$1.00 each.



Mary Margaret McBride  
An All-America Rose for 1943

## All-America Roses for 1943

**Mary Margaret McBride. R54.** (Nicolas.) Here is the top ranking All-America Rose for 1943, so pronounced by the official judges from coast to coast. And a beautiful rose it is, with lovely, long, flaring buds and many-petalled flowers in a rich yet delicate coral-pink color with a shimmering golden color at the base of the petals. It has a satisfying fragrance. You'll find that the plant starts going places right away, as soon as you get it in the ground, becoming tall and rather slender, the canes beautifully foliaged with big, broad, leathery leaves. It has a tendency to be a bit shy with its beautiful blooms, but since every one is a perfect flower, we'll not complain. It is, indeed, a Rose of quality. Plant Pat. No. 537. \$1.50 each.\*

**Grande Duchesse Charlotte. R38.** (Ketten.) Another All-America Rose for 1943 which introduces an entirely new shade of red to the rose world. The interesting buds are a rich claret color (you may call it brick-red), which changes as the flowers age to a lovely begonia-rose. The flowers are not perfect in form, but they are always beautiful because of that rich color, and the plant is big, strong and free-branching. To us the fragrance is like that of ripe fruit, others say it has a carnation scent. It was named after the reigning sovereign of the tiny Duchy of Luxembourg, where it originated, and who is now in this country. See illustration on page 68 and All-America Offer listed on same page. Propagation Rights Reserved. \$1.50 each.\*

Note: The AARS insignia indicates an All-America Award winner.

Heart's Desire  
The most fragrant of all red roses



# Armstrong Bush Roses

Alphabetical List Continued from Page 70

## Perfection in Ivory

**McGredy's Ivory. R55.** The flowers are creamy ivory-white, which turns to a clear white as it opens with occasionally a faint pink flush in the center in cool weather. The buds are just about as perfect as Roses can be, and the flowers possess a delicate damask perfume. The purity, grace and beauty of a lovely bud of this variety just about takes your breath away, and if you want perfect white Roses this is one of those you should plant. 75c each.

## Sunset Colors

**McGredy's Sunset. R57.** Sunset colors are much in evidence in this beautiful, high-centered flower, with its rich shade of yellow underlaid with deep chrome-yellow, the outer petals lightly brushed with apricot. Exceedingly fragrant and exquisite in color though somewhat lacking in form and substance, the flowers are produced in such large quantities that you can forgive its shortcomings. Plant Pat. No. 317. \$1.25 each.\*

**McGredy's Yellow. R58.** The buds are medium size but beautifully formed, with plenty of petals, and are a lovely uniform shade of light buttercup-yellow. One of the finest things about the variety is the fine bush, which is full of vigor and is continually sending up good stout, straight stems, each one surmounted by one of the beautiful buds, and clothed in extremely handsome dark green Holly-like foliage. Stands heat well and does not fade. 75c each.

## Mrs. Sam McGredy

**Mrs. Sam McGredy. R68.** This wonderful Rose is a beautiful copper-orange in color, heavily flushed with Lincoln-red. There is no other color in Roses like it. The buds are long-pointed, high-centered, and double, with a moderate fragrance. Growth low, robust and much branched with the most beautiful bronzy green foliage, glossy and luxuriant, ever seen on a rose bush. To cap it all, the flowers possess a sweet fragrance. See also the new climbing sport on page 63. 75c each.



Mrs. Sam McGredy  
A coppery orange beauty

## A Red Talisman

**Mary Hart. R53.** This striking red sport of Talisman has the same handsome form of the Talisman buds but is maroon-red, opening to open blossoms of velvety blood-red with an overflow of amber. The color varies considerably with weather conditions and is at its best in cool weather. Exquisitely fragrant; growth medium, upright. Plant Pat. No. 8. 85c each.\*

**Miss Clipper. R59.** The new rose with the finest rose perfume. Illustrated in color on front cover. See page 67. \$1.25 each.\*



Mme. Henri Guillot

## Keep Your Bud Vase Full

**Eclipse. R24.** The outstanding characteristic of this splendid Rose is the exceptionally long stream-lined bud of pale yellow, often more than 2 inches long. The open blooms are somewhat uninteresting, but when you can go out almost any morning and pick a bouquet of these exquisitely beautiful, long slender buds, each one on a long stem, it is difficult to resist. The big, tall, strong bush keeps the mildly fragrant buds coming along continuously. Plant Pat. No. 172. \$1.25 each.\*



COPYRIGHT

The "Streamlined Rose," Eclipse

## One of the Best

**Mme. Henri Guillot. R61.** Here is one of the best half dozen roses of the past ten years. As the beautiful tight bud begins to unfold its 25 large, crisp, heavy-textured petals of raspberry pink, the bloom becomes lovelier in every succeeding stage, and the great full-blown flower is a thing of splendor. Luxuriant glossy foliage clothes the big spreading plants right down to the ground. You'll find the flowers on top of those straight stems unbelievably gorgeous. They're richly fragrant, too. Put this one near the top of your list because that's where it belongs. Plant Pat. No. 337. \$1.25.\*

## Spanish Fiesta Colors

**Fiesta. R29.** Dazzling is the only word that describes this remarkable variegated Rose. The color scheme consists of stripes and flecks of bright yellow on a background of rich vermilion. The flowers nestle in dark green, glossy foliage of large size and make a great show on the plant, as well as providing most unusual cut flowers. A modest grower, requiring a little extra water and fertilizer to secure the finest blooms. Slightly fragrant. You and your friends will exclaim over this bizarre yet daintily colored Rose when it blooms in your garden. Plant Pat. No. 389. \$1.25 each.\*



Fiesta  
(At Right)  
Believe It or Not



**Talisman**  
Favorite Cut Flower of Scarlet and Gold

### "The Perfect Rose"

**Mme. Joseph Perraud. R63.** The enormous big-petaled, perfectly formed buds of nasturtium-buff, and with a glowing orange heart, are always perfectly formed, and the vigorous growth, heavy stems, big, broad glossy foliage and free-blooming qualities are all on a par with those perfect buds. Loaded down with gold medals, it came across from France a few years ago acclaimed as "The Perfect Rose," and it has lived up to that glowing phrase. The flowers are sweetly fragrant and long lasting. 75c each.

### The Evergreen Shrub Rose

**Mrs. Dudley Fulton. R34.** The bush is covered during the spring, summer and fall with good-sized, single, silvery-white flowers which make the plant look like a small snow-storm. One of the most remarkable things about this Rose is the splendid evergreen foliage, which is always glossy as if varnished, and in California the foliage is often just as attractive in the middle of winter as in the summer. As we write these words, on November 15th, our plants are smothered in bloom. Growers in many parts of the East and Middle West have made enthusiastic reports on this rose. Grows to 3 feet. We recommend planting it right in the shrub border because its handsome foliage and everblooming habit fit it better for that location than for the rose bed. Plant Pat. No. 122. 85c each.\*



**Texas Centennial**  
We have it as a bush (page 74) or as a climber (page 63).



# Armstrong Bush Roses

## Peaches and Cream

**Mrs. Oswald Lewis. R66.** (F. Cant.) An English rose, introduced by us last year, with a true English "peaches and cream" complexion. Everything about the bud is dainty — its long, slender, aristocratic shape, the light buff and pink buds, fading to rich cream, flushed beautifully with pink as the flowers open. It is one of the most exquisite buds in form and color to cut that we have seen in a long time. A good grower and bloomer, too. \$1.00 each.

## A Solid Performer

**Mrs. Pierre S. duPont. R67.** Just visualize a bushy, 2-foot plant so thickly covered with luxuriant, glossy green foliage that you cannot see the ground, surmounted with many stiff-stemmed, medium-sized, golden yellow buds, heavy with fragrance. That's what you'll have in your garden all summer in this fine Rose. You can count on it being a solid performer in the garden. 75c each.

**Mrs. Sam McGredy. R68.** See preceding page. 75c each.

## Shades of Night

**Night. R69.** One of the darkest of all Roses, deep crimson shaded black and maroon. The buds and flowers are well shaped, quite double, and it has the spicy clove and cinnamon fragrance that you can imagine would be wafted on the balmy airs of a tropical night. We consider this to be the best of the deep dark reds, but like most dark Roses, the flowers are at their best in cooler weather. It's a good vigorous grower. See also the new climbing sport of this variety described on page 63. 75c each.

**Pasadena Tournament. R70.** New Baby red. See page 71. \$1.50 each.

**Piccaninny. R71.** A medium sized single rose with five crisp, overlapping petals in a rich deep dark red color with maroon shadings. The flowers are delightfully redolent of the rich spicy scent of cinnamon, and are continuously borne on long stems on the tall, willowy, free-branching plant. The foliage is glossy, too. \$1 each.

## Picture

**Picture. R72.** We rate this as one of the very finest pink Roses and so do our customers, because it is the best selling pink rose on our list. The plant is strong and vigorous and produces one continuous burst of bloom after another all through the season, every bud is perfectly formed and with plenty of petals so that the flowers are substantial and long-lasting without being too heavy. The color is not a cold color like so many pinks, but it has those warm undertones of salmon which make the color cheerful and glowing. The flowers have plenty of enchanting sweet Tea fragrance too. One of the "Armstrong Big Ten." 75c each.

**Poinsettia. R73.** See page 75. 75c ea.

**Pinocchio. R74.** New pink Baby rose See page 71. \$1.25 each.\*

## President Hoover

**President Herbert Hoover. R75.** Certainly no Rose planting would be complete without this wonderful multi-colored Rose. It combines many shades of cerise-pink, flame, scarlet and yellow, the long buds being beautifully formed, opening slowly and possessing a most delicious fragrance. One of the finest characteristics is the magnificent growth of the bush, four feet in one season being only quite ordinary growth for this variety, and it is not a question of how long you wish the stems to be but how long you wish to cut them. It is one of the most dependable of all roses, and, of course, we wish to include it in our "Armstrong Big Ten" offered on page 76. 50c each.

## Radiance

**Radiance. R77.** This ever-popular Rose will probably produce more first class blooms to the plant than any other variety, and it is exceedingly vigorous, hardy, and disease-resistant under all conditions of soil and climate. The flowers are a lovely light silvery-pink, suffused deeper pink, and carry a most delicious damask perfume. Give it plenty of room and be prepared to cut many long-stemmed flowers, for no planter was ever disappointed in the performance of this famous Rose. 50c.

**Red Radiance. R80.** All we need to do is repeat the splendid recommendations made for its sister variety Radiance above, because this red Rose is exactly the same in everything except color of flower, which is a rich cerise-red. No Rose will excel it in fragrance, growth or quantity of blooms. You can plant either Radiance or Red Radiance in almost any location in any climate and get a great big plant without any trouble, for they are rugged enough to thrive anywhere. 50c each.

## Radio

**Radio. R78.** The ground color is a clear shimmering yellow which in itself would be beautiful, but Radio is different in that most of the flowers are daintily striped and marked with carmine in varying degrees. Never the same on any two flowers. The beauty of this variety is in the half-open and fully open blooms, which are very full, many-petaled, and deliciously fragrant. The plant is strong growing, tall and free-blooming, in fact, it will out-grow most roses you plant. Plant Pat. No. 197. \$1.00 each.\*

## Pastel Masterpiece

**Ramon Bach. R79.** One of those big, full, many-petaled roses in the pastel shades which we like much better than others of this type. Apricot-buff, with touches of salmon and amber-yellow, is as close as we can come to the dainty, lovely coloring, and it has a rich fruity fragrance. A great strong, vigorous plant with many sturdy, upright stems, each crowned by a floral masterpiece. Plant Pat. No. 366. \$1.\*

## Rose Marie

**Rose Marie. R81.** This variety has for a long time been almost the ideal pink garden Rose and is indisputably one of the finest Roses of any color for cutting. A perfectly formed flower, full and long-lasting, dark rose-pink in color, with beautifully veined petals and a rich sweet perfume. A good medium grower. 65c each.

**Rotary-Lyon. R82.** See page 75. \$1 each.

**Mme. Joseph Perraud**  
Rich apricot-yellow with orange heart



# Planting Calendar for Armstrong Roses

A black square under any month means that plants are available during that month.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	■	■	■	■	■	■	■
5-gal. tins	■	■	■	■	■	■	■	■	■	■	■	■

## This is What They Tell Us

Long Beach, Calif., Oct. 2, 1941: "After planting one of your Charlotte Armstrong Roses, I dug up my other roses and planted only Armstrong's."

Los Angeles, Calif., Sept. 10, 1941: "My introduction to you was last Christmas, when I presented a friend with one of your Charlotte Armstrong roses. I had no idea I was doing her such a service. She has been enchanted with the profuse and exquisite blooms!"

Alamogordo, N. M., Sept. 10, 1941: "I find most blue ribbon winners in roses at our Ctero County Fair and Flower Show are from Armstrong rose bushes. Your root stock seems to be just right for our soil. Have found your roses just as you describe them."

Glendale, Calif., Sept. 29, 1941: "The Boutonniere rose I got from you this spring is especially lovely. Just last week it had no less than 15 blooms."



Mrs. Dudley Fulton, The Everblooming Shrub Rose

## Saturnia

**Saturnia. R83.** Exceptionally beautiful in the cooler areas. Long-budded, large-petalled flowers of brilliant cardinal-red, salmon-yellow and copper on the reverse, exceedingly fragrant. Fades and opens quickly in hot weather, but in cool weather, the flowers are glorious and simply knock your eye out. Along the coast it will provide some of the most vividly colored roses that can be grown. Plant Pat. No. 349. \$1 ea.\*

**Sierra Glow. R84.** See page 67. \$1.25.\*

## Scarlet-Orange

**Signora. R85.** The color is a most intense shade of scarlet-orange with other lighter shades of tangerine and cerise, and the flower, which has plenty of petals, is always most attractive in form from the bud stage to the wide open flower. The big strong plants produce their flowers on excellent long stems, and the substance of the petals and stems is such that the flower keeps indefinitely after cutting. Slight fragrance. Plant Pat. 201. \$1.00 each.\*

## Snowbird

**Snowbird. R87.** A very fine, almost pure white rose which is not well known but we think it is one of the prettiest little white roses that can be grown. Long, beautifully shaped, flaring white buds of small to medium size open into snowy white, high-centered blooms crowded with small petals. Very fragrant. It is lovely in all stages, and the plant is free-branching, free-blooming, and better than average in vigor. It will outbloom most white roses two to one. \$1.00 each.

## Southport

**Southport. R88.** This is one of the finest red garden Roses because of its exceedingly brilliant scarlet color and the great quantity of lovely, long, slender buds which it produces. The flower opens quickly into a good sized, loose, open, perfumed bloom which holds its brilliant color well. The plants are strong growing, tall and slender, with the blooms on long stems. Excellent for cut flowers and exceedingly lovely under artificial light. It's one of the "Armstrong Big 10" offered on page 76. 75c each.

## Sunshine

**Sunshine. R89A.** The only good yellow Baby Polyantha Rose. A compact, little, rounded plant 18 inches high, blooming all through the season. The dainty little buds and open blooms, about 1½ inches across, are a bright cheery orange-yellow with deeper tints in cool weather. A difficult rose to propagate so you'll seldom find it. \$1.

When ordering roses, please include both the name, and the number following the name, on the order sheet. This will enable us to avoid errors in filling your order.

## Talisman

**Talisman. R90.** A vividly colored Rose which is probably better known as a cut flower than any other Rose grown. The brilliant coloring is a mixture of orange-scarlet and golden yellow in irregular proportions, but always pleasing. Very double, exquisitely shaped, borne on long stems, and exceedingly sweet scented. Talisman is an indispensable rose for every garden, and after having one plant you usually want more so that you can pick a larger bouquet of those beautiful buds. It's an easy rose to grow because the plant is vigorous, upright and free-branching. 50c each.

**Sunlit. R89.** Perfect little apricot buds on thornless stems. See page 71. \$1.50.

## Texas Centennial

**Texas Centennial. R91.** President Herbert Hoover has been an extremely popular Rose. This sport of Hoover is similar to it except in color. It has the same strong, tall, vigorous 3 to 4 foot plant, with heavy strong stems and magnificent large full buds and blooms—but the color is a bright, glowing carmine-red which in cool weather becomes deeper blood-red. It has such a big, vigorous plant and is so lavish with its richly colored flowers that it has jumped up in popularity each year since it became available. See also new Climbing Texas Centennial on page 63. Plant Pat. No. 162. \$1 each.\*

## Biggest of All

**The Doctor. R93.** Enormous, delicately colored, large-petalled pink blooms, which are so big sometimes you can hardly believe them real—6 inches across with buds in proportion. The plant is modest in growth, and you will have to give it a little extra attention, but it is worth doing that to get those great, exquisite, silvery pink flowers, with the intensely sweet fragrance. One of those big, beautifully proportioned, richly colored, sweetly perfumed flowers is really an event in the garden. \$1.00 each.

**The Chief. R92.** Big, long-budded varicolored rose. See page 67. \$1 each.\*

## Treasure Island

**Treasure Island. R94.** Almost exactly like the popular Countess Vandal except that the colors are deeper and richer. The shades of flaming coppery pink, light salmon and orange are beautiful indeed, and to say the buds are like those of Vandal is praise enough. Every bud is perfect and on a stiff straight stem, just right for cutting. A moderate grower. \$1.00 each.

**Times Square. R93A.** See page 67. \$1.50 each.\*

## Clear Sunflower Yellow

**Ville de Paris. R95.** Flowers of clear sunflower yellow which do not fade. Its shell-shaped petals (20 of them) become lovely cups filled with delicious Tea fragrance. Vigorous, tall growing, glossy foliaged. See also the Climbing form on page 65. A handsome bush and an enormous number of beautiful flowers.

## World's Fair

**World's Fair. R96.** Big, velvety textured, deep red flowers with blackish shadings, borne in clusters. It has been recommended chiefly for the mass of color which it produces from spring to late fall, but we like it also for the individual beauty of its lovely slender buds and gorgeous clusters of open flowers. An All-America Rose Selection for 1940. Plant Pat. No. 362.\* \$1.00 each.\*

**York and Lancaster. R97.** A 300 year old rose with some petals entirely white, some entirely red, and sometimes half red and half white. Named in commemoration of the end of the Wars of the Roses between the Houses of York (white) and Lancaster (red). Grows to 6 or 8 feet. Leave it unpruned to get the most flowers. \$1.00 each.

President Hoover  
Pink, Yellow, and Buff



# Armstrong Bush Roses

## Do You Like Fragrant Roses?

Then listen to this. In the summer of 1941 one of the country's most important chemical companies conducted tests in the Armstrong rose fields on the ten most fragrant roses that could be found there, with a view to finding the best variety for making essential oils for perfume. After scientific tests were applied, the ten rose varieties were graded in the order of their excellence of odor. The rose that stood No. 1 was Miss Clipper, the new pink Armstrong introduction offered on page 67. Heart's Desire stood second and Etoile de Hollande third.



Poinsettia, The Dazzling Red Rose

## You'll Like Chris Stone

**Christopher Stone. R12.** Still quite new, it has continued to grow in popularity each season and ranks as one of the very finest red Roses of recent years. Glowing, brilliant crimson-scarlet, with deeper, dusky shadings as the flower ages, it never has a trace of blue and does not fade in the hottest sun. While it sometimes lacks perfection of form, the blooms have long-lasting substance, a delightfully spicy fragrance, an unequalled richness of color, and it will out-bloom most red Roses two-to-one, because of the vigor of the plant. 75c each.

## A Brilliant Bi-color

**Condesa de Sastago. R14.** This brilliantly bi-colored Spanish Rose is unsurpassed in brilliancy, and its startling color combination is undoubtedly unique. The large, cup-shaped flowers, fairly double and yet not too heavy, are glowing orange-scarlet on the inside of the petals and intensely bright yellow on the outside. The breath-taking beauty of its brilliant flowers is not its only fine quality because the tall, bushy plants are satisfyingly robust, always in bloom, and the flowers are sweetly fragrant. One of the "Armstrong Big Ten." See illustration opposite page. 65c each.



Jonkheer Sandberg

## Dazzling Scarlet

**E. G. Hill. R26.** Immense flowers of very lasting dazzling scarlet, never fading or turning blue, but actually becoming deeper red as they open. The flowers are borne on long stems, and are deliciously fragrant. The foliage is abundant. Its brilliant color, extraordinary freedom of bloom, and lasting qualities have made it a popular Rose everywhere. See illustration opposite page. 50c each.

## Unfading Yellow

**Jonkheer Mr. G. Sandberg. R47.** One of the most beautiful yellow roses that we grow, not a pale yellow but a clear, bright, shining shade which does not fade in the sun. The ovoid buds are well shaped, with plenty of petals, and unlike many other yellows, the flowers are produced on a vigorous, upright, bushy plant which keeps throwing out its flower stems continuously. We rank it right along with Mrs. E. P. Thom and Golden Rapture and Eclipse as one of the best yellow roses. is included in the "Armstrong Big 10" offered on the opposite page. \$1.00 each.

Christopher Stone  
(At Left)  
Alluring spicy  
fragrance

Rotary-Lyon  
(At Right)  
Big pastel blooms

## Most Popular Yellow

**Mrs. Erskine P. Thom. R65.** Over the past several years this has probably been the most valuable yellow Rose for the garden. Our customers think so too for it has out-sold all other yellows almost every year. The nicely shaped buds and well shaped open flowers are a bright canary-yellow without other tints, and the strong-growing, vigorous bush is lavish with the blooms. It has color, form, growth and lovely foliage, so it is going to stay at the top for some time to come. 50c each.

## Vivid Poinsettia Red

**Poinsettia. R73.** For sheer dazzling brilliancy we do not think there is any red Rose that equals this comparatively new kind. Its well shaped, high-centered buds are made up of velvety textured petals in such a bright and vivid shade of red that they seem to glow from within. The plant is exceedingly tall and vigorous, producing plentifully of the long-stemmed flowers. The blooms fade somewhat in some weathers but are nearly always very satisfactory. In the fall you'll get from this variety some of the most gorgeous red roses that you have ever seen. One of the "Armstrong Big Ten" listed on opposite page. 75c each.

## Rotary-Lyon

**Rotary-Lyon. R82.** Named in honor of the Rotary Club and the city of Lyon, France, where this rose originated, so all Rotarians will want it as a memento. A great high-centered bud, opening to a full, forty-petalled, cup-shaped flower of enormous size. The bloom is variable in coloring, usually creamy orange-yellow with pastel shadings and stains of carmine. It is always one of the strongest growing roses in our fields, so expect a big plant and big flowers, richly perfumed. \$1.00 each.

## Sister Therese

**Sister Therese. R86.** A remarkably strong, tall, vigorous, free-branching bush. The long, tight, slender buds are always perfect, never becoming misshapen, and they keep well as a cut flower. The chrome-yellow buds tinged with carmine and the lighter yellow open blooms, spicily fragrant, with deeper tones of apricot and gold, are always beautiful to behold. You'll never have to coax this one to grow and bloom. 65c each.



Armstrong's  
Big

10

# A Champion Rose Garden

If you said, "I'd like a well-balanced 10-plant rose garden of your best non-patented kinds," we would advise you to buy the "Big Ten," for it is as fine a group of roses as we can put together. Each variety is outstanding in its color, easy to grow and vigorous. There is not a temperamental weak sister among them. The bushes are typical Armstrong rose plants, husky and heavy rooted. Within a few weeks they will fill your garden with lovely blooms and rich rose fragrance.

1. **Condesa de Sastago.** Petals vivid yellow on one side, bright orange-scarlet on the other. Big, full, high-centered blooms, sweetly fragrant.
2. **Duquesa de Penaranda.** Orange-apricot with coppery tones; long-pointed buds.
3. **Etoile de Hollande.** Brilliant non-fading red. One of the most fragrant of all roses.
4. **Jonkheer Mr. G. Sandberg.** Clear, bright, shining yellow which does not fade.
5. **Korovo.** Rich salmon-pink; extremely fragrant. Lavish with its lovely buds.
6. **Golden Rapture.** Its rich uniform yellow buds have the most perfect form of any yellow rose.
7. **Picture.** Lovely buds and flowers of warm pink. Our favorite pink rose.
8. **Poinsettia.** Dazzling scarlet, velvety and fragrant. The most vivid in color of all red roses. See illustration opposite page.
9. **President Herbert Hoover.** Pink, yellow and buff. Huge buds and flowers on long stiff stems.
10. **Southport.** Lovely long slender buds of vivid never-fading scarlet.

You can't give anyone (even yourself) a finer gift than a lovely rose garden that will live on in the garden year after year. We will be glad to send the "Big 10" anywhere in the country to arrive at any time between December 15 and May 15. Each sturdy bush will be properly pruned for planting, and complete instructions for planting and care will be included. Just say, "Please send the 'Big 10' (or Rose Offer No. 10) and you'll get one plant of each variety named above (a \$7.40 value), for only \$4.95.

Add 15c sales tax on California shipments. For delivery to any point in California, Arizona or Nevada add 25c for packing and shipping; other states west of the Mississippi add 70c; and eastern states add \$1.15.

## These Are the Things That Count

West Los Angeles, Calif., Sept. 11, 1941: "The Charlotte Armstrong bush we got from you has bloomed continuously since April and has attracted the attention of hundreds of passersby."

Los Angeles, Calif., Jan. 31, 1942: "The rose stock I received from you about January 18 was the finest I have ever seen. I also bought a few bushes from two other popular nurseries about the same time, but none were as vigorous or symmetrical in appearance as yours and all are just jumping with new growth."

El Segundo, Calif., Feb. 16, 1942: "This gives us twenty-eight Armstrong Roses and most of them are perfect, just like the pictures in your catalog."

Kansas City, Mo., Oct. 9, 1941: "I was attracted by your roses in Arkansas. They had been planted in the spring of 1941, were full of bloom and stood taller than I. (I am 5 ft. 8 in.) I was told they were budded on Ragged Robin and were from Armstrong Nurseries. They were a perfect picture."



E. G. Hill



Mrs. E. P. Thom



Sister Therese  
(At Left)

Condesa  
de Sastago  
See description  
opposite page





Aster frikartii will give you hundreds of beautiful blooms like this from June to November. Fine for cutting.



Trollius Golden Wave brings brilliant sunshiny spring color into a shady spot. Easy to grow.



These new Evans Black Cap Raspberries are the very finest for California. Boy, they're good.

## Wonder of Stafa

**Aster frikartii.** P6. Illustrated in color at the left is a flower of this amazing perennial with the long flowering season. From June to December the handsome, compact, 2-foot plants are covered with the loveliest lavender-blue flowers—not just two or three blooms but a mass of them. Excellent for cutting, too, keeping well in the house and mixing well with other flowers. Gal. tins, 75c.

## Golden Wave

**Trollius Golden Wave.** P77. When you first see the 18-inch clump of neatly cut foliage you'll probably think it's a perennial Delphinium plant, but you'll be surprised when those long-stemmed flowers of glowing yellow-orange come up. One plant will produce up to two dozen flowers at once, and they keep coming for weeks in spring and early summer. It's often difficult to find yellow flowers for a shady spot, but that's what this one likes. The flowers first make round balls (it is sometimes called Globe Flower), then all of a sudden they pop open and display their full beauty. Gal. tins, 85c.

## A New Berry

**Evans Black Raspberry.** FB10. (Illustrated below.) Everybody likes the rich full flavor of Black Raspberries. They are delicious to eat with sugar and cream, they make wonderful jam, and you know how popular Black Raspberry ice cream is. This new one bears large crops of the most beautiful, juicy, sweet Black Raspberries that we have seen. It is well adapted to our Southern California climate. Our mouth waters just to write about them. 35c each, \$2.50 per 10.

## Three Big Salesyards to Visit

**Main Display Yard in Ontario,** 35 miles east of Los Angeles, can be reached over either of the two main east and west highways, Valley Boulevard (U. S. 99) or Foothill Boulevard (U. S. 66). See map page 40. Motor Transit bus leaves Sixth and Main Streets, Los Angeles, every hour, and the Ontario terminal is only four blocks from our Nurseries.

**Our North Hollywood Branch,** corner Magnolia Blvd. and Coldwater Canyon Ave., has a complete display of Armstrong products.

**No Matter When** you visit one of the three Armstrong Salesyards, you'll always see something interesting. They are veritable treasure houses of garden plants.

**Our Salesmen** have at their fingertips such information as what plants look well together, how tall and how wide they grow, when they bloom, what color they are, where they like to be planted, how much cold, sun, water they want—in fact all the information needed to help you select the right plants for your needs.

**Delivery.** Truck delivery service to most of Southern California, wartime regulations permitting. We ship safely to all of California and the United States by mail, express, freight. See pages 40-41.



Rondeletia cordata, a Tropical Queen from Guatemala.

## A Tropical Queen

**Rondeletia cordata.** S215. "Heart-leaf Rondeletia." 6-8 ft. 22°. Bring Old Mexico into your garden—a bit of that part down next to the Guatemalan border, where flowers are large and colors are vivid. You'll get more than a glimpse of its tropical beauties when you have a blooming plant of Rondeletia cordata right in your own garden to enjoy. The large, glossy foliage has the fresh green look of perpetual spring. The great clusters of dainty blooms have vividly blended shades of pink and yellow, while the corolla tubes and buds are rich salmon-pink. This Jungle Queen will make herself at home in any sunny or semi-shaded position in your garden where moisture is plentiful. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## And Her Sister

**Rondeletia amoena.** S214. "Bronzeleaf Rondeletia." 4-6 ft. 22°. Another lovely foliaged, brilliant flowered, tropical beauty from Central America, with slightly larger leaves than the above and somewhat smaller but even more vivid flowers. The flowers are rich pink with a yellow bearded throat. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

# Armstrong Nurseries

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